



GALLIS
LIGHTING

#32





GALLIS
lighting

Company Profile

GALLIS S.A is one of the leading manufacturers and distributors of decorative & architectural lighting in South East Europe. Established In 1987, Gallis S.A. solidified and continue advancing a successful lighting trade operation founded 40 years ago. With private owned premises, showrooms, manufacturing and warehouse facilities of over 11.000 m2, Gallis SA can support any kind of domestic or international customer request, with minimum production and shipping time.

Staffed with highly motivated, trained and experienced personnel, GALLIS S.A. is placed among the largest and most reliable suppliers of international Retail-Chains, City and Resort Hotels, Commercial and Public buildings, Office spaces, as well as prominent Architectural and Engineering associations.

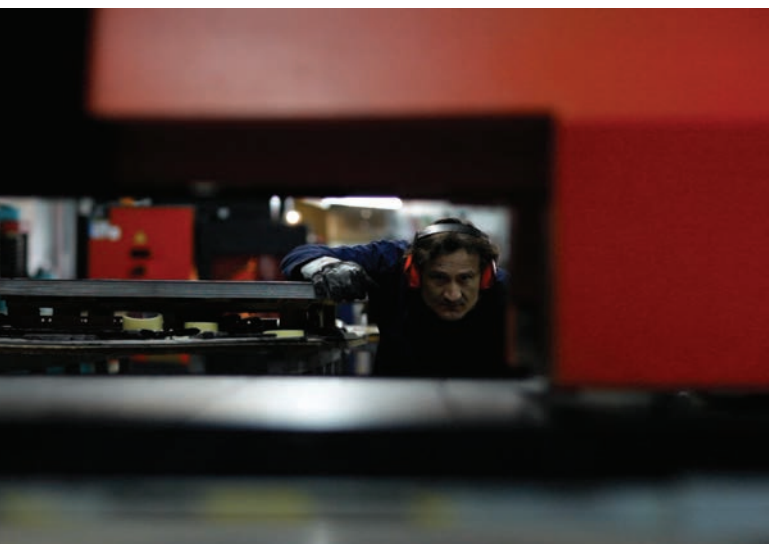
Our company has a significant Global presence, with a network in more than 30 countries and a constant participation in the most important international fairs such as Light and Building (Frankfurt), Big 5 (UAE) and others.

We are continuously upgrading our product line up and providing quality services and technical support to all our customers. Offering custom-made solutions to complex and demanding projects, we are committed in providing the best possible applications and illumination effects.

Product development is performed by a highly specialized team of engineers and designers, using sophisticated CAD programs, advanced production processes and techniques.

Product and component testing processes are established and maintained according to ISO 9001:2000 standards and are implemented systematically in order to ensure the highest product quality, safety and customer satisfaction.





Headquarters & Warehouse: Moschato, Athens

Company Profile

Our Products

We produce a wide range of luminaires addressing diverse design, technical, and lighting requirements for indoor and outdoor applications. Our key products include: surface mounted and suspended linear luminaires, wallwashers with asymmetrical beams, spotlights and floodlights, a variety of highly efficient downlights as well as flexible recessed system modules, ranging from louver luminaires to adjustable recessed spotlights.

Combination of aesthetics and quality, as well as the adherence to environmental and energy saving standards, are all elements of our design process.

In order to address the quality features related to visual performance, comfort and energy efficiency requirements, a great deal of emphasis is placed in selecting the appropriate component materials. Only top quality materials, from well known manufacturers are used, in the best possible combinations, to meet the highest product standards.

Our Guarantee

Quality of production and materials used, allows us to offer a 5 years guarantee to all our products for the luminaire body, driver & LED chip and in specific series 10 years in the luminaire body, where the anodization process fulfills the criteria of Seaside Class.

Minimum Luminaire life time > 50,000 hours at 70% luminous flux for all our products according to LM80 standard.

Going Green

Sustaining our environment is ensuring our future.

Simply it is no longer a desire but a necessity, and for this reason, sustainability, has become one of our core values.

Interested in actively taking a stance, and contributing our share, the "Gallis Green Initiative," was launched in 2008. It incorporated new and sustainable manufacturing methods, which significantly reduced the environmental footprint of our operations, as well as establishing a recycling protocol for reduced wastes from our factory. Since 2010 we have installed a solar plant of photovoltaic panels on the roof of our factory conserving energy and limiting our dependency on electrical power.

Firmly believing that change can occur with actions and not by default, we created a Green Team task force in our R&D department, solely devoted in researching, identifying and developing new ways to create energy-efficient luminaires.

Our current product line up is among the most eco-friendly lines we have ever manufactured, as a result of all these efforts.

Production Facility: Schimatari, Greece



GLOBAL NETWORK



Albania | Austria | Bahrain | Belgium | Bulgaria | Croatia | Cyprus | Denmark
Egypt | France | Greece | India | Ireland | Italy | Jordan | Kuwait | Lebanon
Netherlands | Palestine | Poland | Qatar | Romania | Russia | Saudi Arabia | Serbia
Spain | Turkey | United Arab Emirates | United Kingdom

Project Examples



Alila Hotel Rhodes , Greece



Stavros Niarchos Foundation , Greece



Sofia Ring Mall , Bulgaria



Festival City , Egypt

Symbols & Explanations



Luminaires have been designed and tested with regard to safety according to the European standard EN 60598-1 and comply with the EU - directives: LVD 73/23/EEC, EMC 89/336/EEC, CE 93/68/EEC and bear the CE mark accordingly.



All products are subject to European Directive 2002/95/EC and 2002/96/EC regarding hazardous substances in electrical and electronic equipment and recycling and waste management respectively.



Luminaires bearing this symbol are environmentally friendly, using the latest saving energy technology for improved efficiency.



Luminaires bearing this symbol can be mounted on normally flammable surfaces. Material having an ignition temperature of at least 200 °C and which will not deform or weaken at this temperature. Examples: Wood and materials based on wood of more than 2 mm thickness.

NOTE: The ignition temperature and the resistance of normally flammable materials to deformation or weakening are based on widely accepted values determined during a test period of 15 min.



Class I Luminaire. Functionally insulated luminaire with earthing facility marked with this symbol. The luminaire is designed for connection to a protective conductor. Unless specified otherwise, all luminaires by GALLIS comply at least with protection class I.



Class III Luminaire. Luminaire in which protection against electric shock relies on supply at safety extra-low voltage (SELV) and in which voltages higher than those of SELV are not generated.



Gallis SA is a proud member of FOTOKIKLOSI (n.00898) since the foundation of the organization, fully supporting the recycling of lamps and luminaries by introducing dedicated recycling bins throughout all the premises of the company.



Products with this symbol are fully compliant with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.



The company has been certified according to ISO 9001: 2000 /EN ISO 9001: 2000 for establishing and applying a quality management system for its design, development, production and distribution processes.



3 years warranty period as described in Gallis lighting warranty terms and conditions.



5 years warranty period as described in Gallis lighting warranty terms and conditions.



All products bearing this symbol undergo a special finishing process that renders them suitable for installation at a seaside environment, maintaining their warranty.



10 years warranty period for the luminaire body, as described in Gallis lighting warranty terms and conditions.

IP Ratings



FIRST DIGIT DEFINITION
PROTECTION AGAINST SOLID OBJECTS

SECOND DIGIT DEFINITION
PROTECTION AGAINST LIQUIDS

IP20 Protected against solid objects over 12mm (e.g. fingers).	No protection.
IP40 Protected against solid objects over 1mm (e.g. tools, wires).	No protection.
IP44 Protected against solid objects over 1mm (e.g. tools, wires).	Protected against sprays from all directions - limited ingress permitted.
IP54 Protected against dust - limited ingress (no harmful deposit).	Protected against sprays from all directions - limited ingress permitted.
IP55 Protected against dust - limited ingress (no harmful deposit).	Protected against low pressure jets of water from all directions - limited ingress permitted.
IP65 Totally protected against dust.	Protected against low pressure jets of water from all directions - limited ingress permitted.
IP67 Totally protected against dust.	Protected against the effects of temporary immersion between 15cm and 1m. Duration of test 30 minutes.

Colors



01 WHITE
RAL 9016



03 BLACK
RAL 9005



26 METALLIC
GREY



28 DARK
GREY



50 MATT
CHROME



22 ANODIZED
METAL



32 BRASS



37 COPPER

* Image Disclaimer: All pictures shown in this catalogue are for illustration purpose only. Actual product and colors may vary.

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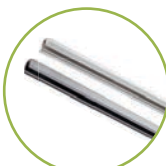
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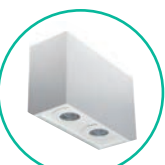
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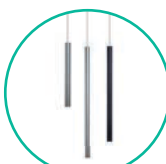
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Laguna Resort, Crete, Greece

Outdoor

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01



Forever LED

22 32 03

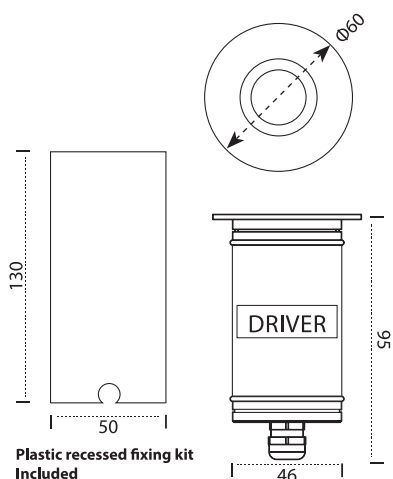
- Indoor and outdoor waterproof ground recessed LED series.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Included installation tube.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Multiple spots can be operated through one CC driver in serial connection.
- Input 350, 500, 700mA.
- Dimmable.
- HCB version is equipped with honeycomb filter. Height is 10mm longer.
- LED driver to ordered separately.

CODE	1151AL/BR	1151HCB AL/BR
Input (mA)	350 / 500 / 700 DC	350 / 500 / 700 DC
Source Power (W)	1,05 / 1,5 / 2,1	1,05 / 1,5 / 2,1
Lumen Source (lm)	140 / 200 / 280	140 / 200 / 280
Lumen Luminaire (lm)	112 / 162 / 224	112 / 162 / 224
CCT (K)	3000	3000
Beams	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°
CRI	≥ 80	≥ 80
Cut Out Ø (mm)	D50xH70	D50xH80
Weight (Kg)	0,32	0,32

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
CO.001	IP68 Connection, 2 poles			
CO.003	Cable Ho5RN-F 2X0,75 per meter			
CO.020	Half Shield			

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Plastic recessed fixing kit
Included



Forever LED

22 32 03

- Indoor and outdoor waterproof ground recessed LED series.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Included installation tube.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @350mA or 700mA.
- Non dimmable.
- HCB version is equipped with honeycomb filter.

CODE	1141AL/BR	1141HCB AL/BR
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	2,1	1,05
System Power (W)	2,2	1,1
Driven @ (mA)	700	350
Lumen Source (lm)	280	140
Lumen Luminaire (lm)	224	112
CCT (K)	3000	3000
Beams	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°
CRI	≥ 80	≥ 80
Cut Out Ø (mm)	D50xH130	D50xH140
Weight (Kg)	0,32	0,32

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
CO.002	IP68 Connection, 3 poles			
CO.004	Cable Ho5RN-F 3G0,75 per meter			
CO.020	Half Shield			

FOR ACCESSORIES DETAILS SEE PAGES 168-169



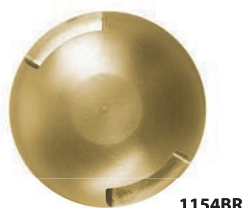
1155AL



1155BR



1154AL



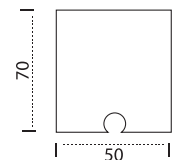
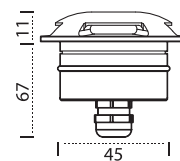
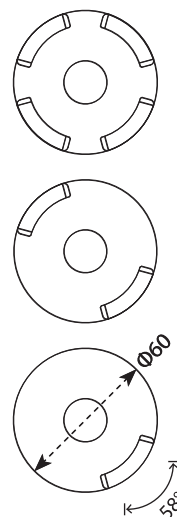
1154BR



1153AL



1153BR



Plastic recessed fixing kit
Included

Forever LED



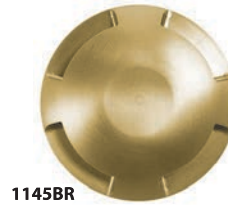
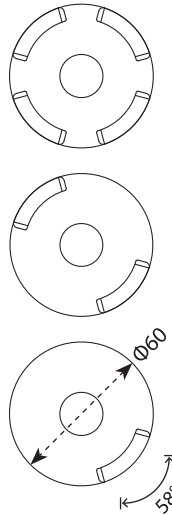
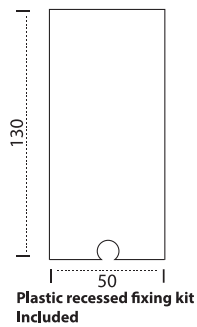
- Indoor and outdoor waterproof ground recessed LED series.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Included installation tube.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Multiple spots can be operated through one CC driver in serial connection.
- Input 350, 500, 700mA.
- Dimmable.
- LED driver to ordered separately.

CODE	1153AL	1153BR	1154AL	1154BR	1155AL	1155BR
Max Input (mA)	700 DC	700 DC	700 DC	700 DC	700 DC	700 DC
Source Power (W)	2,1	2,1	2,1	2,1	2,1	2,1
Lumen Source (lm)	280	280	280	280	280	280
Lumen Luminaire (lm)	224	224	224	224	224	224
CCT (K)	3000	3000	3000	3000	3000	3000
Beams	1	1	2	2	4	4
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	D50xH70	D50xH70	D50xH70	D50xH70	D50xH70	D50xH70
Weight (Kg)	0,32	0,32	0,32	0,32	0,32	0,32

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
CO.001	IP68 Connection, 2 poles			
CO.003	Cable Ho5RN-F 2X0,75 per meter			

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever LED



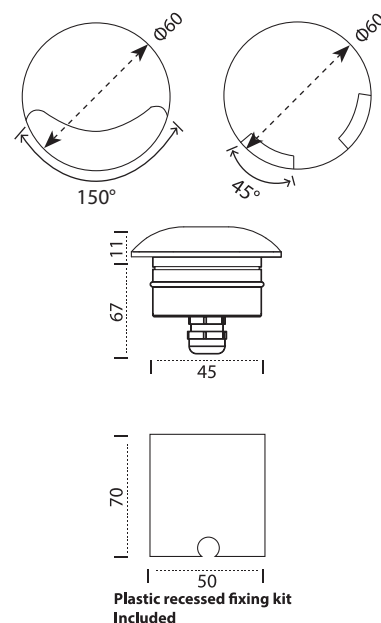
- Indoor and outdoor waterproof ground recessed LED series.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Included installation tube.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @ 350, 700mA.
- Non dimmable.

CODE	1143AL	1143BR	1144AL	1144BR	1145AL	1145BR
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240
Source Power (W)	2,1	2,1	2,1	2,1	2,1	2,1
System Power (W)	2,2	2,2	2,2	2,2	2,2	2,2
Lumen Source (lm)	280	280	280	280	280	280
Lumen Luminaire (lm)	224	224	224	224	224	224
CCT (K)	3000	3000	3000	3000	3000	3000
Beams	1	1	2	2	4	4
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	D50xH130	D50xH130	D50xH130	D50xH130	D50xH130	D50xH130
Weight (Kg)	0,32	0,32	0,32	0,32	0,32	0,32

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
CO.002	IP68 Connection, 3 poles			
CO.004	Cable Ho5RN-F 3G0,75 per meter			

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever LED



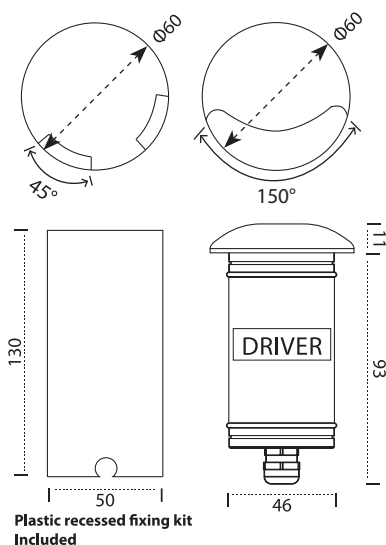
- Indoor and Outdoor waterproof wall recessed mounted LED luminaire.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium or painted finish.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- CRI 90 available upon request.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Included installation tube.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w. seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Multiple spots can be operated through one CC driver in serial connection.
- Input 350, 500, 700mA.
- Dimmable.
- LED driver to ordered separately.

CODE	1159	1159BR	1154/90°	1154BR/90°
Max Input (mA)	700 DC	700 DC	700 DC	700 DC
Source Power (W)	2,1	2,1	2,1	2,1
Lumen Source (lm)	280	280	280	280
Lumen Luminaire (lm)	224	224	224	224
CCT (K)	3000	3000	3000	3000
Beams	1	1	2 @ 90°	2 @ 90°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	D50xH70	D50xH70	D50xH70	D50xH70
Weight (Kg)	0,32	0,32	0,32	0,32

CODE ACCESSORIES

CO.001	IP68 Connection, 2 poles
CO.003	Cable Ho5RN-F 2X0,75 per meter

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever LED



- Indoor and Outdoor waterproof wall recessed mounted LED luminaire.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium or painted finish.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- CRI 90 available upon request.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Included installation tube.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body. - Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @ 350, 700mA.
- Non dimmable.

CODE	1162	1162BR	1144/90°	1144BR/90°
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	2,1	2,1	2,1	2,1
System Power (W)	2,2	2,2	2,2	2,2
Lumen Source (lm)	280	280	280	280
Lumen Luminaire (lm)	224	224	224	224
CCT (K)	3000	3000	3000	3000
Beams	1	1	2 @ 90°	2 @ 90°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	D50xH130	D50xH130	D50xH130	D50xH130
Weight (Kg)	0,32	0,32	0,32	0,32

CODE ACCESSORIES

CO.002	IP68 Connection, 3 poles
CO.004	Cable Ho5RN-F 3G0,75 per meter

FOR ACCESSORIES DETAILS SEE PAGES 168-169



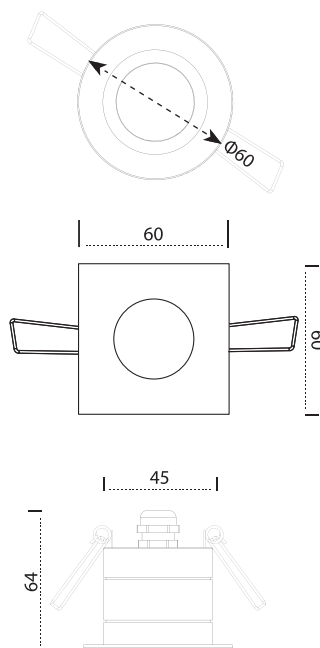
1152



1152 SQ



HCB



Forever Downlight

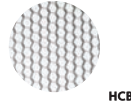
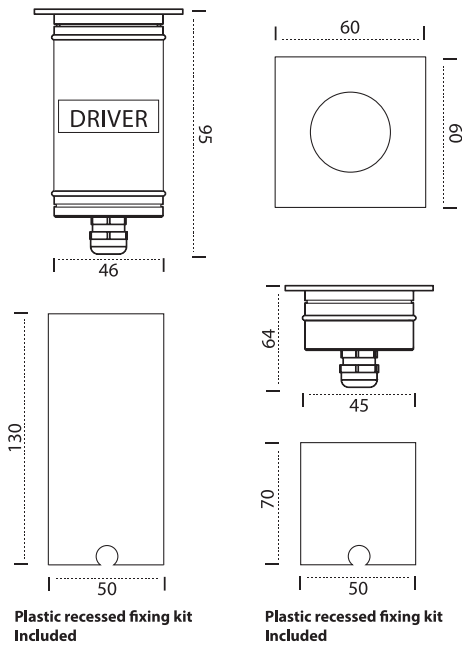
22 03

- Indoor and outdoor waterproof ceiling recessed LED downlight.
- Full luminaire made of machined aluminium to optimize heat dissipation.
- Clear protection plastic glass 6 mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K and 4000K.
- European beam shaping lens.
- Anticorrosion capabilities through the anodization process implemented on the aluminium parts.
- Minimum thickness of the anodized layer is 20µm.
- For outdoor or corrosive environments (i.e. seaside or industrial spaces).
- 10 years warranty of the body. - Also available in electrostatic polyester powder coated version 10pm coating, for outdoor use, but not Seaside Class.
- Available filter colors: green, yellow, red.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.
- Multiple spots can be operated through one CC driver in serial connection.
- Dimmable.
- HCB versions are equipped with honeycomb filter.
- LED driver to be ordered separately.

CODE	1152	1152 SQ
Max Input (mA)	700 DC	700 DC
Source Power (W)	2,1	2,1
Lumen Source (lm)	280	280
Lumen Luminaire (lm)	224	224
CCT (K)	3000	3000
Beams	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°
CRI	≥ 80	≥ 80
Cut Out Ø (mm)	50	50
Weight (Kg)	0,15	0,15

CODE ACCESSORIES

FOR ACCESSORIES DETAILS SEE PAGES 168-169



HCB



Forever LED

22

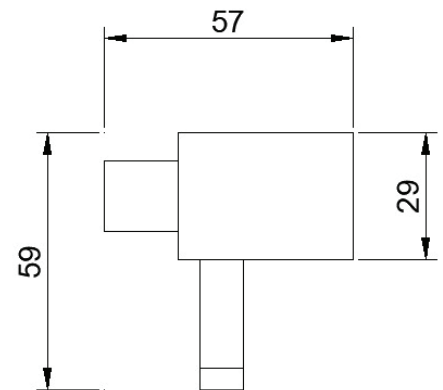
03

- Indoor and outdoor waterproof ground recessed LED series.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Included installation tube.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Multiple spots can be operated through one CC driver in serial connection for code 1179.
- MAX Input 700mA for code 1179 / Available @350mA or 700mA for code 1149.
- Dimmable code 1179 (driver not included) / Non dimmable code 1149 (driver included).
- HCB versions are equipped with honeycomb filter.

CODE	1179	1149	1149
Max Input (mA)	700 DC		
Frequency (Hz)		50/60	50/60
Main Voltage (V)		220-240	220-240
Source Power (W)	2,1	2,1	1,05
System Power (W)		2,2	1,1
Driven @ (mA)		700	350
Lumen Source (lm)	280	280	140
Lumen Luminaire (lm)	224	224	112
CCT (K)	3000	3000	3000
Beams	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°
CRI	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	D50xH70	D50xH130	D50xH130
Weight (Kg)	0,32	0,32	0,32

CODE ACCESSORIES				
Filter	Red	Yellow	Blue	Green
CO.001	IP68 Connection, 2 poles			
CO.002	IP68 Connection, 3 poles			
CO.003	Cable Ho5RN-F 2X0,75 per meter			
CO.004	Cable Ho5RN-F 3G0,75 per meter			
CO.020	Half Shield			

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever MINI

22

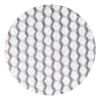
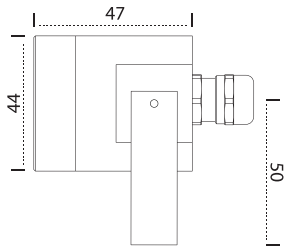
03

- Outdoor waterproof miniature LED spot.
- Full luminaire made of machined aluminum to optimize heat dissipation.
- Clear protection tempered glass 4mm.
- Natural anodized aluminum or powder coated.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20 nm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Led CC Driver to be ordered separately

CODE	1138	1139
Max Input (mA)	350 DC	500 DC
Source Power (W)	1,05	1,5
Lumen Source (lm)	110	157
Lumen luminaire (lm)	88	126
CCT (K)	3000	3000
Beams	14°, 28°, 44°	14°, 28°, 44°
CRI	≥ 80	≥ 80
Weight (Kg)	0,1	0,1

CODE ACCESSORIES

CO.001	IP68 Connection, 2 poles
CO.002	Cable Ho5RN-F 2X0,75 per meter
CO.003	Spike made of extruded aluminum anodized
CO.004	Tree Strap



HCB



Forever LED



- Indoor and outdoor waterproof surface mounted LED series.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- CRI 90 upon request.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Multiple spots can be operated through one CC driver in serial connection.
- Input 350, 500, 700mA.
- Dimmable.
- HCB version is equipped with honeycomb filter. Height is 10mm longer.
- LED driver to be ordered separately.

CODE	1150AL/BR	1150HCB AL/BR
Max Input (mA)	350 / 500 / 700 DC	350 / 500 / 700 DC
Source Power (W)	1,05 / 1,5 / 2,1	1,05 / 1,5 / 2,1
Lumen Source (lm)	140 / 200 / 280	140 / 200 / 280
Lumen Luminaire (lm)	112 / 162 / 224	112 / 162 / 224
CCT (K)	3000	3000
Beams	14°,28°,44°	14°,28°,44°
CRI	≥ 80	≥ 80
Weight (Kg)	0,32	0,42

CODE ACCESSORIES				
Filter	Red	Yellow	Blue	Green
CO.001	IP68 Connection, 2 poles			
CO.003	Cable Ho5RN-F 2X0,75 per meter			
CO.018	Spike made of extruded aluminium grey anodized			
CO.014	Anti-glare snoot			
CO.100	Tree strap			

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever LED



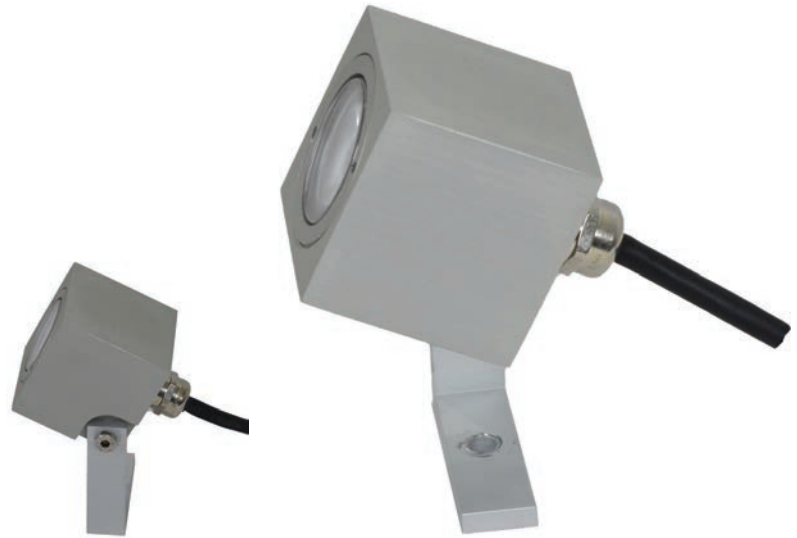
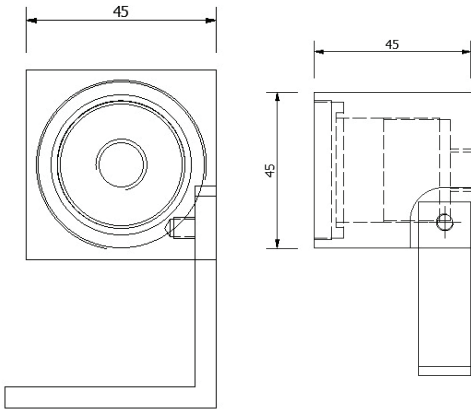
- Indoor and outdoor waterproof surface mounted LED series.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- CRI 90 upon request.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @350mA or 700mA.
- Non dimmable.
- HCB version is equipped with honeycomb filter. Height is 10mm longer.

CODE	1140AL/BR	1140AL/BR	1140HCB AL/BR	1140HCB AL/BR
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	2,1	1,05	2,1	1,05
System Power (W)	2,2	1,1	2,2	1,1
Driven @ (mA)	700	350	700	350
Lumen Source (lm)	280	140	280	140
Lumen Luminaire (lm)	224	112	224	112
CCT (K)	3000	3000	3000	3000
Beams	14°,28°,44°	14°,28°,44°	14°,28°,44°	14°,28°,44°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Weight (Kg)	0,32/0,53	0,32/0,53	0,32/0,53	0,32/0,53

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
CO.002	IP68 Connection, 3 poles			
CO.004	Cable Ho5RN-F 3G0,75 per meter			
CO.018	Spike made of extruded aluminium grey anodized			
CO.014	Anti-glare snoot			
CO.100	Tree strap			

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever CUBE LED

22 03

- Outdoor waterproof surface mounted LED spot.
- Full luminaire made of machined aluminum to optimize heat dissipation.
- Natural anodized aluminum or powder coated.
- Clear protection PC cover 6mm, silicon rings and stainless steel screws.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20 nm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Led CC Driver to be ordered separately

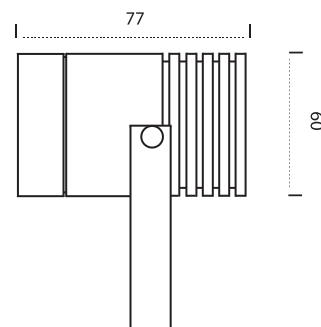
CODE	1150SQ	1150SQ	1150SQ	1150SQ
Max Input (mA)	350 DC	500 DC	700 DC	900 DC
Source Power (W)	1,05	1,5	2,1	3
Lumen Source (lm)	140	200	280	430
Lumen luminaire (lm)	112	162	224	344
CCT (K)	2700/3000/4000	2700/3000/4000	2700/3000/4000	3000
Beams	14°,28°,44°	14°,28°,44°	14°,28°,44°	14°,28°,44°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Weight (Kg)	0,32	0,32	0,32	0,32

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
CO.001	IP68 Connection, 2 poles			
CO.003	Cable Ho5RN-F 2X0,75 per meter			
CO.018	Spike made of extruded aluminum anodized			
CO.100	Tree Strap			



HCB



Forever Mid

22 03

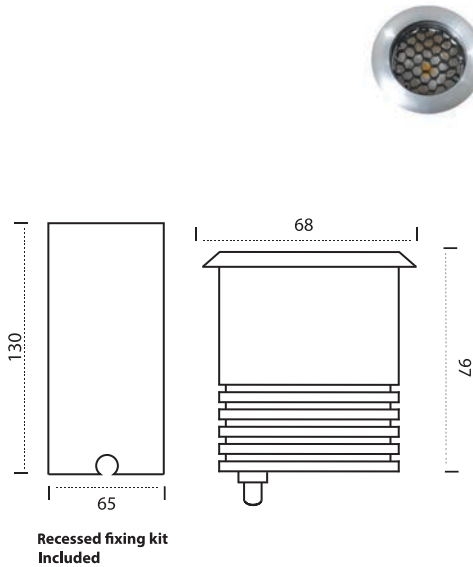
- Outdoor waterproof LED spot.
- Full luminaire made of machined aluminium to optimize heat dissipation.
- Bridgelux V6 COB LED.
- Clear protection PC 6mm and silicon rings.
- Reflector made of aluminium coated PC with protective lacquer.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- CRI 90 upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- Dimmable.
- HCB version is equipped with honeycomb filter.

CODE	1169	1169	1169
Max Input (mA)	350 DC	500 DC	700 DC
Source Power (W)	3,2	4,7	6,8
Lumen Source (lm)	441/446	594/630	819/851
Lumen Luminaire (lm)	352/372	475/504	655/680
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	13°,28°,48°	13°,28°,48°	13°,28°,48°
CRI	≥ 80	≥ 80	≥ 80
Weight (Kg)	0,57	0,57	0,57

CODE ACCESSORIES

CO.001	IP68 Connection, 2 poles
CO.003	Cable Ho5RN-F 2X0,75 per meter
CO.100	Tree strap

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever Mid Recessed

22 03

- Outdoor waterproof LED spot.
- Full luminaire made of machined aluminium to optimize heat dissipation.
- Bridgelux V6 COB LED.
- Stainless steel ring version upon request (1169RSS).
- Clear protection PC 6mm and silicon rings.
- Reflector made of aluminium coated PC with protective lacquer.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- CRI 90 upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- Dimmable.
- HCB version is equipped with honeycomb filter.

CODE	1169R	1169R	1169R
Max Input (mA)	350 DC	500 DC	700 DC
Source Power (W)	3,2	4,7	6,8
Lumen Source (lm)	441/466	594/630	819/851
Lumen Luminaire (lm)	352/372	475/504	655/680
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	13°,28°,48°	13°,28°,48°	13°,28°,48°
CRI	≥ 80	≥ 80	≥ 80
Weight (Kg)	0,57	0,57	0,57

CODE ACCESSORIES	
CO.001	IP68 Connection, 2 poles
CO.003	Cable Ho5RN-F 2X0,75 per meter
CO.020	Half Shield

FOR ACCESSORIES DETAILS SEE PAGES 168-169



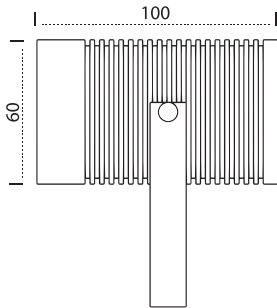
DRAKOUSIS
— DRY & RAW —

KOBE
Beef

DRAKOUSIS
DRY & RAW



HCB



Forever Max LED

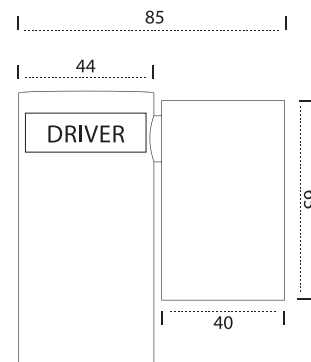
22 03

- Outdoor waterproof LED spot.
- Full luminaire made of machined aluminium to optimize heat dissipation.
- Bridgelux V8 COB LED.
- Clear protection PC 6mm and silicon rings.
- Reflector made of aluminium coated PC with protective lacquer.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- CRI 90 upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- Dimmable.
- HCB version is equipped with honeycomb filter.

CODE	1160	1160HCB
Max Input (mA)	500 DC	500 DC
Source Power (W)	8,9	8,9
Lumen Source (lm)	1323/1363	1323/1363
Lumen Luminaire (lm)	1058/1091	1058/1091
CCT (K)	3000/4000	3000/4000
Beams	13°,28°,48°	13°,28°,48°
CRI	≥ 80	≥ 80
Weight (Kg)	0,57	0,57

CODE ACCESSORIES	
CO.001	IP68 Connection, 2 poles
CO.003	Cable Ho5RN-F 2X0,75 per meter
CO.018	Spike made of extruded aluminium grey anodized
CO.015	Anti-glare snoot
CO.100	Tree strap

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever LED Down



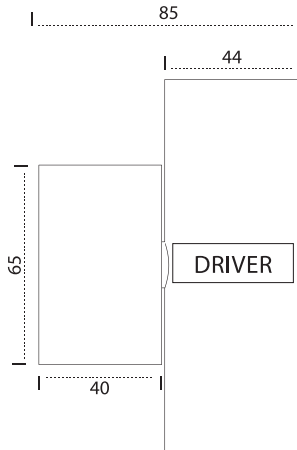
- Outdoor waterproof surface mounted LED series.
- Full luminaire made of machined aluminium 6262 or MS58 Brass to optimize heat dissipation.
- Grey anodized aluminium or painted finish. Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB).
- Available 2700K, 3000K and 4000K.
- CRI 90 upon request.
- Luminaires with integrated LED driver.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfils the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @ 350mA or 700mA.
- Non dimmable.

CODE	1147AL/BR	1147AL/BR
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	2,1	1,05
System Power (W)	2,2	1,1
Driven @ (mA)	700	350
Lumen Source (lm)	280	140
Lumen Luminaire (lm)	224	112
CCT (K)	3000	3000
Beams	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°
CRI	≥ 80	≥ 80
Weight (Kg)	0,32	0,32

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
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FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever LED Up - Down

22 32 03

- Outdoor waterproof surface mounted LED series.
- Full luminaire made of machined aluminium 6262 or MS58 Brass to optimize heat dissipation.
- Grey anodized aluminium or painted finish. Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB).
- Available 2700K, 3000K and 4000K.
- CRI 90 upon request.
- Luminaires with integrated LED driver.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfils the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @350mA or 700mA.
- Non dimmable.

CODE	1148AL/BR	1148AL/BR
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	2 x 2,1	2 x 1,05
System Power (W)	2 x 2,2	2 x 1,1
Driven @ (mA)	700	350
Lumen Source (lm)	2 x 280	2 x 140
Lumen Luminaire (lm)	2 x 224	2 x 112
CCT (K)	3000	3000
Beams	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°
CRI	≥ 80	≥ 80
Weight (Kg)	0,32	0,32

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
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FOR ACCESSORIES DETAILS SEE PAGES 168-169

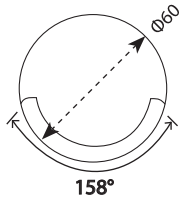


Forever Surface



- Outdoor waterproof surface mounted LED series.
- Full luminaire made of machined aluminium 6262 or MS58 Brass to optimize heat dissipation.
- Grey anodized aluminium or painted finish. Frosted protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB).
- Available , 3000K and 4000K.
- CRI 85.
- Luminaires with driver on PCB board.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfils the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non dimmable.

CODE	1104	1104BR
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	3	3
Lumen Source (lm)	240	240
Lumen Luminaire (lm)	210	210
CCT (K)	3000/4000	3000/4000
Beams	90°	90°
CRI	≥ 85	≥ 85
Weight (Kg)	0,32	0,56

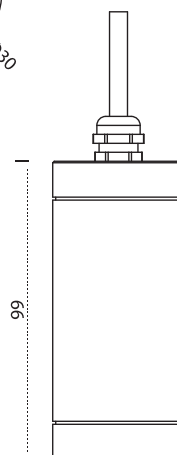
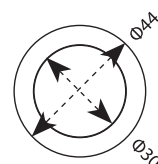


Forever Surface



- Indoor and Outdoor waterproof wall mounted LED luminaire.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium or painted finish.
- Clear protection PC 6mm, silicon rings.
- Available , 3000K and 4000K.
- CRI 85.
- Luminaires with driver on PCB board.
- Anti-corrosion capabilities through the anodization process implemented on the aluminium parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.w seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non dimmable.

CODE	1103	1103BR
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	3	3
Lumen Source (lm)	240	240
Lumen Luminaire (lm)	210	210
CCT (K)	3000/4000	3000/4000
CRI	≥ 80	≥ 80
Weight (Kg)	0,23	0,62



Forever LED Outdoor Pendant

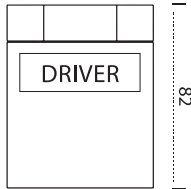
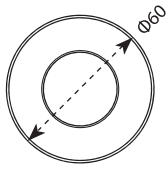
22 32 03

- Outdoor led pendant luminaire.
- Full body made of machined aluminium or MS58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- CRI 90 upon request.
- Provided with 1, 20 meters of waterproof cable and hanging hook. No base.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @350mA or 700mA.

CODE	1156	1156
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	2,1	1,05
System Power (W)	2,2	1,1
Driven @ (mA)	700	350
Lumen Source (lm)	280	140
Lumen Luminaire (lm)	224	112
CCT (K)	3000	3000
Beams	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°
CRI	≥ 80	≥ 80
Weight (Kg)	0,35	0,35

CODE ACCESSORIES				
Filter	Red	Yellow	Blue	Green

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Forever LED Ceiling

22 03

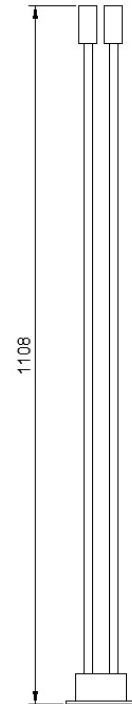
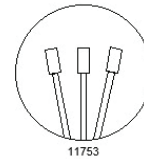
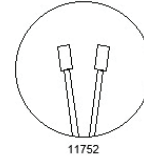
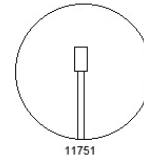
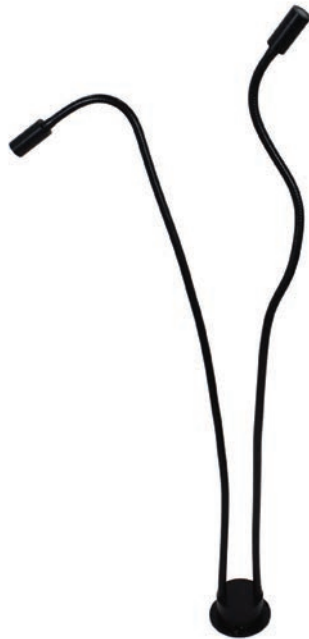
- Outdoor waterproof surface mounted LED series.
- Full luminaire made of machined aluminium 6262 to optimize heat dissipation.
- Grey anodized aluminium or painted finish. Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB).
- Available 2700K, 3000K and 4000K.
- CRI 90 upon request.
- Luminaires with integrated LED driver.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfils the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @350mA or 700mA.
- Non dimmable.

CODE	1163	1163
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	2,1	1,05
System Power (W)	2,2	1,1
Driven @ (mA)	700	350
Lumen Source (lm)	280	140
Lumen Luminaire (lm)	224	112
CCT (K)	3000	3000
Beams	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°
CRI	≥ 80	≥ 80
Weight (Kg)	0,36	0,36

CODE ACCESSORIES

Filter	Red	Yellow	Blue	Green
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FOR ACCESSORIES DETAILS SEE PAGES 168-169

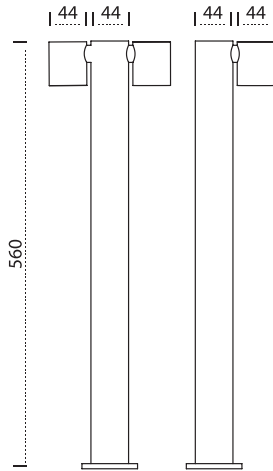
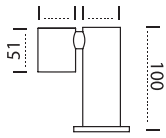


Forever FLEX

03

- Indoor and outdoor waterproof surface mounted, LED bollard type adjustable spot.
- Heads made of machined aluminum 6262 to optimize heat dissipation.
- Anodized aluminum and black powder coating. Flex made of brass with PVC coating.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20 µm for outdoor or corrosive environments (i.e. seaside or industrial areas). The anodization process fulfills the criteria of Seaside Class.
- 10 years warranty on the body.
- CREE LED.
- Luminaire life time > 50,000 hours at 80% luminous flux.
- Non dimmable Driver included.
- 5 years Warranty

CODE	11751	11752	11753
Frequency (Hz)	50/60	50/60	50/60
Main Voltage(V)	220-240	220-240	220-240
Source Power (W)	1,05	2 X 1,05	3 X 1,05
System Power (W)	1,5	2 X 1,5	3 X 1,5
Driven @ (mA)	350mA	350mA	350mA
Lumen luminaire (lm)	130	2 X 130	3 X 130
CCT (K)	3000	3000	3000
Beams	90°	90°	90°
CRI	≥ 80	≥ 80	≥ 80
Weight (Kg)	1,75	2,35	2,95



Forever Bollard

22

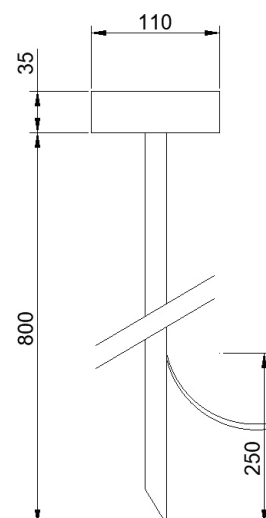
- Outdoor waterproof surface mounted LED series.
- Full luminaire made of machined aluminium 6262 or Brass MS 58 to optimize heat dissipation.
- Grey anodized aluminium.
- Clear protection PC 6mm, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- CRI 90 upon request.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfils the criteria of Seaside Class.
- 10 years warranty on the body.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available @350mA or 700mA.
- Non dimmable.

CODE	1171L AL/BR	1171LAL/BR	1172LAL/BR	1172LAL/BR	1173SAL/BR	1173SAL/BR
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240
Source Power (W)	2,1	1,05	2 x 2,1	2 x 1,05	2,1	1,05
System Power (W)	2,2	1,1	2 x 2,2	2 x 1,1	2,2	1,1
Driven @ (mA)	700	350	700	350	700	350
Lumen Source (lm)	280	140	2 x 280	2 x 140	280	140
Lumen Luminaire (lm)	224	112	2 x 224	2 x 112	224	112
CCT (K)	3000	3000	3000	3000	3000	3000
Beams	14°,28°,44°	14°,28°,44°	14°,28°,44°	14°,28°,44°	14°,28°,44°	14°,28°,44°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Height (mm)	500	500	500	500	120,5	120,5
Weight (Kg)	0,32	0,32	0,32	0,32	0,32	0,32

CODE ACCESSORIES

Filter Red Yellow Blue Green

FOR ACCESSORIES DETAILS SEE PAGES 168-169



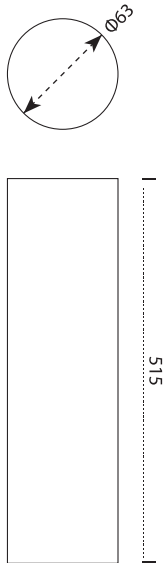
Bollard UFO

- Outdoor waterproof bollard LED luminaire.
- Ready to be used as spike for ground use.
- Made of machined aluminum electrostatically powder coated.
- Based on SMD 2835 LED's, available in 2700/3000/4000K.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Led 24V CV Driver to be ordered separately

CODE	11755
Frequency (Hz)	0
Main Voltage (V)	24V DC
Power (W)	6
Lumen Source (lm)	499
Lumen Luminaire (lm)	180
CCT (K)	2700/3000/4000
CRI	≥ 80
Weight (Kg)	0,75

CODE ACCESSORIES

CO.023	Surface base for Bollard UFO
CO.002	IP68 Connection, 3 poles
CO.004	Cable Ho5RN-F 3G 0,75 per meter

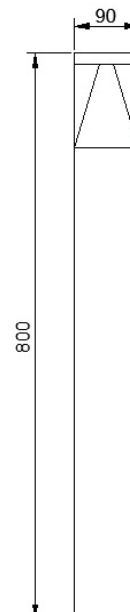


Bollard Thin

22

- Outdoor waterproof surface mounted LED series.
- Full luminaire made of machined aluminium to optimize heat dissipation.
- Based on Bridgelux V10 COB LED.
- Clear protection PC.
- CRI 90 upon request
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Anti-corrosion capabilities through the anodization process implemented on the aluminum parts.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfils the criteria of Seaside Class.
- 10 years warranty on the body.
- LED driver included. DALI driver upon request.
- Dimmable options available.

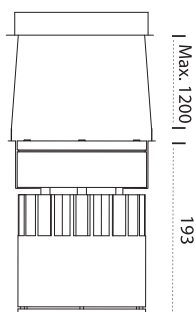
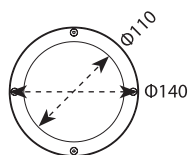
CODE	1174
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Source Power (W)	8,7
System Power (W)	9,1
Lumen Source (lm)	1323/1363
Lumen Luminaire (lm)	1058/1091
CCT (K)	3000/4000
CRI	≥ 80
Weight (Kg)	2,00



Bollard NEW

- Outdoor waterproof bollard LED luminaire.
- Made of die cast aluminum, anticorrosion lacquer treatment, electrostatically powder coated in Anthracite color (other colors available upon request). Silicone gaskets and clear PC cover.
- Uses Cree SMD LED, CRI>80
- Luminaire life time > 50,000 hours at 80% luminous flux.
- Non dimmable driver included. Dali or 1-10V dimming available upon request

CODE	1681
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Power (W)	9
Lumen Source (lm)	990
Lumen Luminaire (lm)	376
CCT (K)	3000
CRI	≥ 80
Weight (Kg)	1,90



Sirius LED Pendant

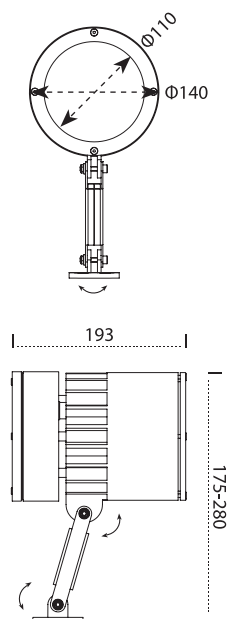
01 03 26

- Exterior LED multipurpose adjustable projector made in diecast aluminium.
- Clear protection glass, silicon rubber gaskets and stainless steel screws.
- Wall/Ground fixation.
- Bracket with double pivot design for maximum adjustable flexibility (2 x 180°).
- Fixing base plate rotatable 170°.
- Alunova® LED reflector with spherical facets.
- Electrostatic polyester powder coated black, white or alu-grey.
- Passive cooling (no moving parts).The luminaire is suitable for outdoor use, with ambient temperature (on the luminaire) from -40°C to +60°C.
- Tridonic LED COB LES15.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non Dimmable Driver Included.
- HCB versions are equipped with honeycomb filter.

CODE	4613	4614	4617	4618	4619
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	17,5	24,5	31,5	37,4	43,3
System Power (W)	18,4	25,7	33,1	39,3	45,5
Driven @ (mA)	500	700	900	1050	1200
Lumen Source (lm)	2960/3060	4020/4140	5080/5250	5815/5970	6550/6720
Lumen Luminaire (lm)	2368/2448	3216/3312	4064/4176	4652/4776	5240/5376
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	15°, 36°, 60°	15°, 36°, 60°	15°, 36°, 60°	15°, 36°, 60°	15°, 36°, 60°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Weight (Kg)	2,59	2,59	2,59	2,59	2,59

CODE ACCESSORIES

0016	Red Filter
0017	Yellow Filter
0018	Blue Filter
0019	Green Filter
HCB - Suffix	Anti-glare Honey Comb
CO.002	IP68 Connection, 3 poles
CO.004	Cable Ho5RN-F 3G0,75 per meter



Sirius LED

01 03 26

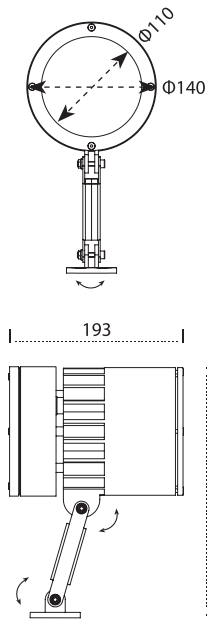
- Exterior LED multipurpose adjustable projector made in diecast aluminium.
- Clear protection glass, silicon rubber gaskets and stainless steel screws.
- Wall/Ground fixation.
- Bracket with double pivot design for maximum adjustable flexibility (2 x 180°).
- Fixing base plate rotatable 170°.
- Alunova® LED reflector with spherical facets.
- Electrostatic polyester powder coated black, white or alu-grey.
- Passive cooling (no moving parts).The luminaire is suitable for outdoor use, with ambient temperature (on the luminaire) from -40°C to +60°C.
- Tridonic LED COB LES15.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non Dimmable Driver Included.
- HCB versions are equipped with honeycomb filter.

CODE	4613	4614	4617	4618	4619
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	17,5	25,4	31,5	37,4	43,3
System Power (W)	18,4	26,7	33,1	39,3	45,5
Driven @ (mA)	500	700	900	1050	1200
Lumen Source (lm)	2960/3060	4020/4140	5080/5250	5815/5970	6550/6720
Lumen Luminaire (lm)	2368/2448	3216/3312	4064/4176	4652/4776	5240/5376
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	15°, 36°, 60°	15°, 36°, 60°	15°, 36°, 60°	15°, 36°, 60°	15°, 36°, 60°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Weight (Kg)	2,59	2,59	2,59	2,59	2,59

CODE ACCESSORIES

0016-19	Color Filters (RED, Yellow, BLue, Green)
CO.019	Anti- Glare Snoot
CO.022	Spike plate accessory
HCB - Suffix	Anti-glare Honey Comb
CO.002	IP68 Connection, 3 poles
CO.004	Cable Ho5RN-F 3G0,75 per meter

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Sirius LED Colors

01 03 26

- Exterior Color LED multipurpose adjustable projector made in diecast aluminum.
- Clear protection glass, silicon rubber gaskets and stainless steel screws.
- Wall/Ground fixation.
- Bracket with double pivot design for maximum adjustable flexibility (2 x 180°).
- Fixing base plate rotatable 170°.
- Electrostatic polyester powder coated black, white or alu-grey.
- Passive cooling (no moving parts).
- The luminaire is suitable for outdoor use, with ambient temperature (on the luminaire) from -40°C to +60°C.
- Uses 12 pcs of Nichia LED COLORS COB (RED or GREEN or BLUE)
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non Dimmable Driver Included. Dimming drivers available upon request.

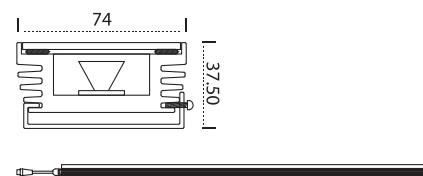
CODE	4612R	4612G	4612B
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Source Power (W)	12	12	12
System Power (W)	13	13	13
Lumen luminaire (lm)	900	1668	480
Color	RED	GREEN	BLUE
Beams	14° 28° 44°	14° 28° 44°	14° 28° 44°
Weight (Kg)	2,59	2,59	2,59

CODE ACCESSORIES

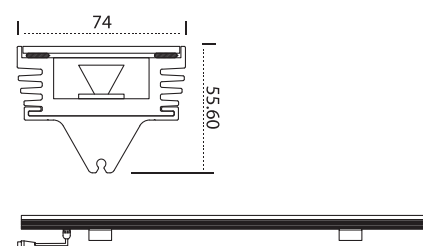
CO.019	Anti-glare snoot
CO.002	IP68 Connection, 3 poles
CO.004	Cable Ho5RN-F 3G 0,75 per meter
CO.022	Twin Spike plate for Sirius



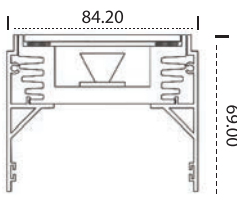
Option A: Ceiling Flush mount



Option B: Pivot Mount



Option C: Recessed



Linealum

22

- Outdoor waterproof luminaire for facade lighting and any demanding application.
- Full luminaire made of extruded aluminium 6063 to optimize heat dissipation.
- Gray anodized aluminium.Tempered glass.
- Monochromatic version equipped with SMD LED's (NICHIA 219) mounted on metal core PCB (MCPCB).
- Powered directly from external constant current driver up to 700mA.
- Driver can be installed up to 300m away from the fixture on a standard power cable.
- Luminaire life time > 50,000 hours at 70% of luminous flux.
- Minimum thickness of the anodized layer is 20µm for outdoor or corrosive environments (i.e. seaside or industrial spaces).
- The anodization process fulfils the criteria of Seaside Class.
- 10 years warranty on the body.
- Available in 2700K,3000K,4000K, RED, GREEN, BLUE.
- RGBW version upon request. Monochromatic versions available RED, GREEN, BLUE @350mA.
- LED driver to be ordered separately.
- MAX Input 700mA.

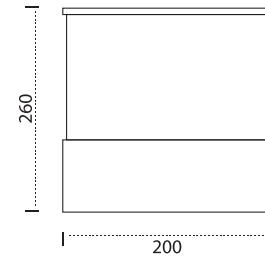
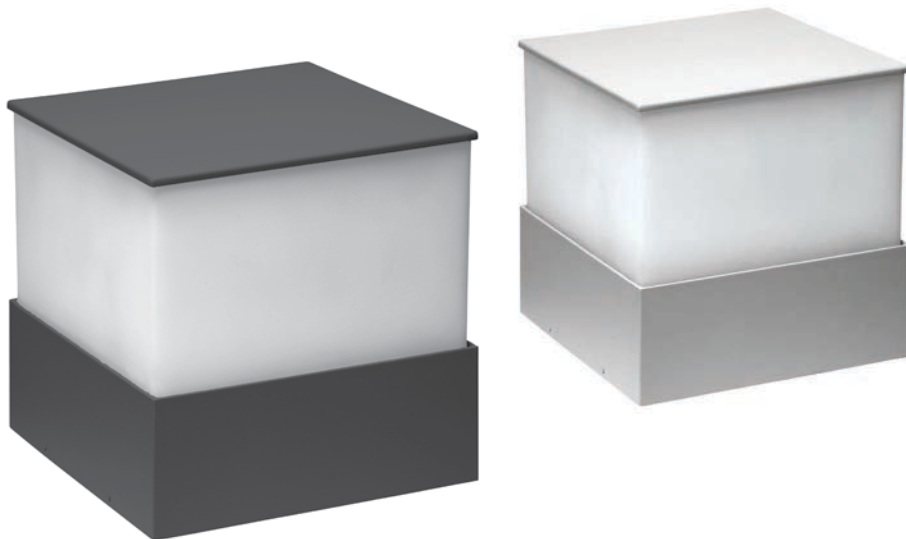
CODE	L030	L060	L090	L120
Max Input (mA)	700 DC	700 DC	700 DC	700 DC
Source Power (W)	5 x 2,1	10 x 2,1	15 x 2,1	20 x 2,1
Lumen Source (lm)	5 x 280	10 x 280	15 x 280	20 x 280
Lumen Luminaire (lm)	5 x 224	10 x 224	15 x 224	20 x 224
CCT (K)	3000	3000	3000	3000
Beams	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°
Length (mm)	300	600	900	1200
Weight (Kg)	1,50	2,30	3,10	3,90

CODE ACCESSORIES

CO.001	IP68 Connection, 2 poles
CO.003	Cable Ho5RN-F 2X0,75 per meter
C	Ceiling-wall
R	Recessed Box H70mm W77mm
BR1	Pivot bracket H85mm
BR2	Pivot bracket H200mm



Aspire ,Qatar

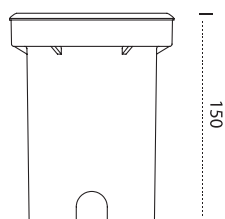
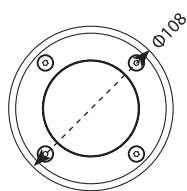


KUBO LED

03 28 26

- Outdoor LED luminaire.
- Body made of diecast aluminium powder coated.
- Opal polycarbonate diffuser.
- Based on Samsung 3030 LED.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver included.

CODE	6580	6580
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	8	12
System Power (W)	8,4	12,6
Driven @ (mA)	350	500
Lumen Source (lm)	1030/1070	1470/1530
Lumen Luminaire (lm)	825/860	1175/1220
CCT (K)	3000/4000	3000/4000
CRI	≥ 80	≥ 80
Weight (Kg)	2,44	2,44



Morfi LED / UG177 GU10

50

UG177 GU10

- Ground recessed light fixture based on GU 10.
- Body made of diecast aluminium with stainless steel 316 ring and screws.
- Silicon gasket.
- Recessed polycarbonate box included.

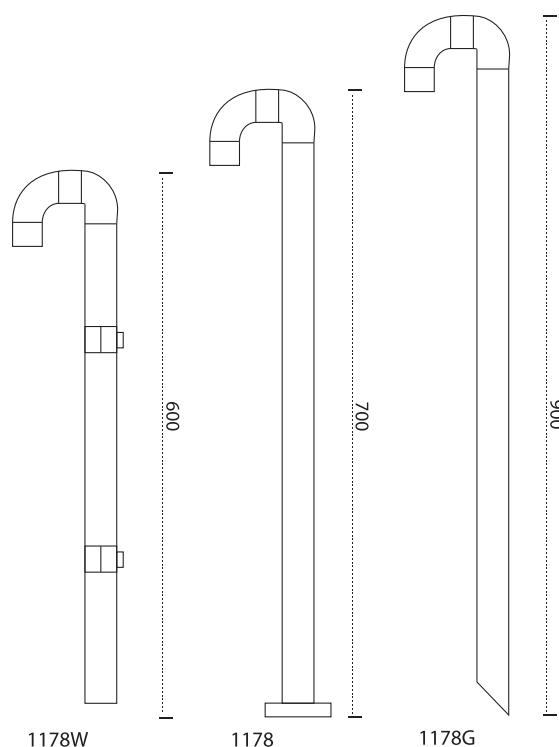
MORFI LED

- Ground recessed light fixture based on LED Bridgelux V8.
- Body made of diecast aluminium with stainless steel 316 ring and screws.
- Silicon gasket.
- Recessed polycarbonate box included.
- Frosted glass.
- LED driver to be ordered separately.

CODE	UG177	1167	1167
Frequency (Hz)	50/60		
Main Voltage (V)	220-240		
Max Input (mA)		350 DC	500 DC
Source Power (W)		6,1	8,9
Lumen Source (lm)		908/945	1261/1311
Lumen Luminaire (lm)		726/756	1009/1049
CCT (K)		3000/4000	3000/4000
Lamp Type	GU10		
Beams		13°, 28°, 43°	13°, 28°, 43°
CRI		≥ 80	≥ 80
Cut Out Ø (mm)	90	90	90
Weight (Kg)	0,8	0,8	0,8

CODE ACCESSORIES

CO.001	IP68 Connection, 2 poles				
CO.003	Cable Ho5RN-F 2X0,75 per meter				
Filter	Red R2613	Yellow G13909	Blue B71305	Amber 10405	Magenta M11114



Crook LED

37

- Outdoor waterproof Bollard type LED, for installation on ground, wall and as spike for garden.
- Body made of copper and base made of solid brass metal plated copper.
- Tilttable +/-45deg.
- Clear protection PC lens, silicon rings.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K, @350mA or 700mA.
- Available upon request CRI 90 or Red, Green, Blue LED @350mA.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Serviceable LED modules and driver onsite.
- Non dimmable.

CODE	1178	1178	1178G	1178G	1178W	1178W
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240
Source Power (W)	2,1	1,05	2,1	1,05	2,1	1,05
System Power (W)	2,2	1,1	2,2	1,1	2,2	1,1
Driven @ (mA)	700	350	700	350	700	350
Lumen Source (lm)	280	140	280	140	280	140
Lumen Luminaire (lm)	224	112	224	112	224	112
CCT (K)	3000	3000	3000	3000	3000	3000/4000
Beams	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Weight (Kg)	1,27	1,27	1,27	1,27	1,27	1,27

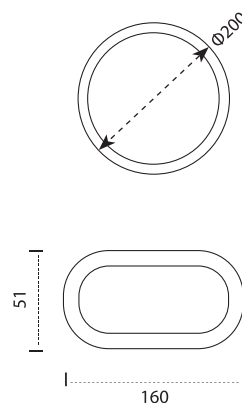


FOOD

COFFEES / SANDWICHES / PIES

ΕΛΛΗΝΙΚΗ
ΧΤΥΠΑ

COFFEES / SANDWICHES / PIES



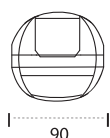
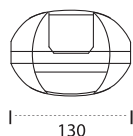
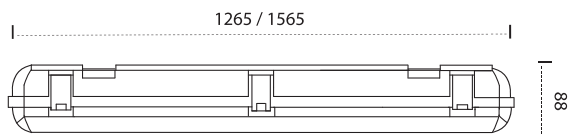
Folie

01

- Outdoor LED luminaire.
- Body made of PP.
- Opal PC cover.
- Equipped with 2835 SMD LED and on board driver.
- Luminaire lifetime > 50,000 hours.

3 Years Warranty

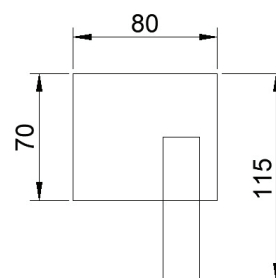
CODE	Round 200	Oval 160
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	18	8
CCT (K)	4000	4000
Lumen Luminaire (lm)	1350	600
Dimensions (mm)	Ø200 x 55	160 x 9 x 51



Atlantis LED

- Linear Lighting LED fitting.
- Surface mounted.
- Body made of PC/ABS.
- Based on Samsung 2835 LEDs with available CCT 4000K or 5000K.
- Opal polycarbonate cover.
- Stainless steel clips.
- CRI>80.
- Tridonic driver.
- Suitable for outdoor use with protection IK08.
- Tridonic emergency kit 3h available upon request.

CODE	8934L	8937L	8935L	8938L
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Power (W)	20	40	30	60
Lumen (lm)	2000/2120	4200/4494	3400/3604	6300/6741
CCT (K)	4000/5000	4000/5000	4000/5000	4000/5000
Length (mm) L	1265	1265	1565	1565
Width (mm) W	90	130	90	130
Height (mm) H	88	88	88	88

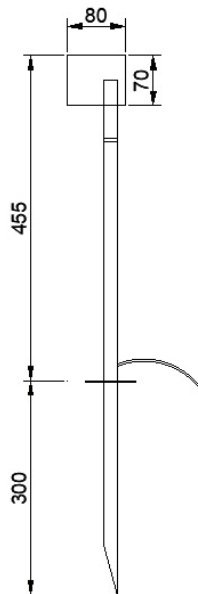


7130

- Outdoor waterproof spot luminaire with optional spike.
- Made of die cast aluminum, anticorrosion lacquer treatment, electrostatically powder coated in black color. Silicone gaskets, clear tempered glass cover and stainless steel screws and cable gland.
- Suitable for LED bulb GU10 type.
- Spike to be ordered separately as accessory.

CODE	7130
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Max Lamp Power (W)	35W
Lampholder	GU10
Dimensions (mm)	D70x80

CODE ACCESSORIES	
Spring SET	Spring SET (4sets) for plasterboard use



7130H

- Outdoor waterproof long spike spot luminaire.
- Made of die cast aluminum, anticorrosion lacquer treatment, electrostatically powder coated in black color. Silicone gaskets, clear tempered glass cover and stainless steel screws and cable gland.
- Suitable for LED bulb GU10 type.

CODE	7130H
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Max Lamp Power (W)	35W
Lampholder	GU10
Dimention (mm)	D70x80



7030

28

- Wall fixed spotlight made from diecast aluminium, powder coated.
- Lampholder GU10.
- Tempered glass cover.

CODE	7030
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Lamp Power (W)	50
Lampholder	GU10
Dimension (mm)	Ø63 x 92



7031

28

- Wall fixed UP-DOWN spotlight made from diecast aluminium, powder coated.
- Lampholder GU10.
- Tempered glass covers.

CODE	7031
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Lamp Power (W)	50
Lampholder	GU10
Dimension (mm)	Ø63 x 137



7141

28

- Wall fixed spotlight made from diecast aluminium, powder coated.
- Lampholder GU10.
- Tempered glass cover.

CODE	7141
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Lamp Power (W)	50
Lampholder	GU10
Cut Out Ø (mm)	65 x 92 x 78



7142

28

- Wall fixed UP-DOWN spotlight made from diecast aluminium, powder coated.
- Lampholders GU10.
- Tempered glass covers.

CODE	7142
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Lamp Power (W)	50
Lampholder	GU10
Cut Out Ø (mm)	65 x 92 x 150

7143

01 03 28

- Wall adjustable(0-90°)spotlight made from diecast aluminium, powder coated.
- Lampholder GU10.
- Tempered glass cover.

CODE	7143
Frequency (Hz)	50/60
Main Voltage (v)	220-240
Lamp Power (w)	50
Lampholder	GU10
Cut Out Ø (mm)	63 x 94 x 98



B1013C

26

- Ceiling fixed downlights made from diecast aluminium, powder coated.
- Lampholder E27 PAR30.

CODE	B1013C
Frequency (Hz)	50/60
Main Voltage (v)	220-240
Lamp Power (w)	75
Lampholder	E27
Dimension (mm)	Ø110 x 140



WL452

26

- Wall fixed UP-DOWN spotlight made from diecast aluminium, powder coated.
- Lampholders 2 x E27 PAR20.

CODE	WL452
Frequency (Hz)	50/60
Main Voltage (v)	220-240
Lamp Power (w)	50
Lampholder	E27
Dimension (mm)	Ø90 x 267



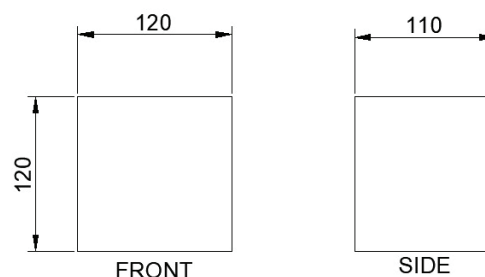
B2000A-2

26

- Wall fixed UP-DOWN spotlight made from diecast aluminium, powder coated.
- Lampholders GU10.

CODE	B2000A-2
Frequency (Hz)	50/60
Main Voltage (v)	220-240
Lamp Power (w)	50
Lampholder	GU10
Cut Out Ø (mm)	60 x 60 x 150





BETO ADJ

- Outdoor waterproof wall LED luminaire with adjustable beams (Up - Down).
- Made of die cast aluminum, clear tempered glass and concrete cover. Electrostatically powder coated.
- Equipped with Bridgelux LED.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non dimmable Led Driver included.



CODE	7160
Frequency (Hz)	50/60
Main Voltage(V)	220-240
Source Power (W)	2 x 3
System Power (W)	7
Driven @ (mA)	300mA
Lumen luminaire (lm)	2x270
CCT (K)	3000
Beams	10° - 115° ADJ
CRI	≥ 80
Weight (Kg)	1,10



oak

SPIRIT OF LIFE

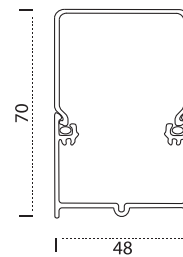


HYPER
ASTROSAR

LED Linear

pages 60 - 77

02



CUSTOMIZED
LENGTH
UPON
REQUEST

Ena LED



- Linear LED lighting fixture surface mounted or suspended.
- Body made of extruded aluminium with PC opal cover, polyester powder white, black or grey.
- Intergrated Driver.
- Correlated Color Temperature (CCT) 3000K, 4000K, (single 3-step MacAdam ellipse), CRI >85.
- Based on LED modules of length 280mm.
- Homogeneous light distribution.
- Dimming DSI or Dali available on request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Emergency version only for codes 3652 and 3653.
- End caps included.

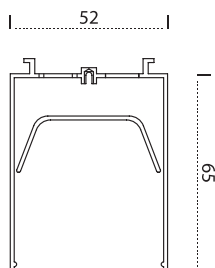
CODE	3650	3651	3652	3653
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7
System Power (W)	13,3	20	26,7	33,3
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	565	845	1125	1405
Weight (Kg)	2	3	3,8	4,8

CODE	3650 M	3651 M	3652 M	3653 M
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40
System Power (W)	21	25,2	33,6	42
Lumen Source (lm)	2690/2810	4030/4220	5380/5620	6720/7030
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	565	845	1125	1405
Weight (Kg)	2	3	3,8	4,8

ACCESSORIES CODE

4047	Suspension cable with power supply
4048	Suspension cable without power supply

FOR ACCESSORIES DETAILS SEE PAGES 168-169



CUSTOMIZED
LENGTH
UPON
REQUEST



E-Free LED

01 03 26

- Linear Lighting LED fitting.
- Surface mounted or suspended.
- Body made of extruded aluminium polyester powder coating white black or grey.
- Based on LED Tridonic modules 350 mA, 3000K ,4000K.
- Opal polycarbonate diffuser.
- ALANOD reflector.
- Provided with direct ceiling installation equipment.
- Different types of connectors for linear.
- Dimming option DSI or Dali available.
- Emergency version for Codes 4702 & 4703.
- Luminaire life time > 50,000 hours at 80% of luminous flux.

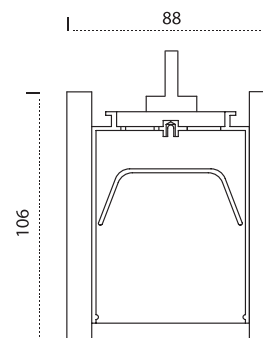
CODE	4700	4701	4702	4703	4706 corner 90°
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7	12,7
System Power (W)	13,3	20	26,7	33,3	13,3
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900	1830/1960
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930	1470/1570
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	565	845	1125	1405	315 x 315
Weight (Kg)	1	1,2	1,75	1,98	1,1

CODE	4700 M	4701 M	4702 M	4703 M	4706 M corner 90°
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40	16
System Power (W)	21	25,2	33,6	42	21
Lumen Source (lm)	2690/2810	4030/4220	5380/5620	6720/7030	2690/2810
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630	2150/2250
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	565	845	1125	1405	315 x 315
Weight (Kg)	1	1,2	1,75	1,98	1,1

ACCESSORIES CODE

4047	Suspension cable with power supply
4048	Suspension cable without power supply
4707	End Caps (pair)
4055	Linear connectors (pair)

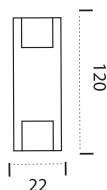
FOR ACCESSORIES DETAILS SEE PAGES 168-169



Wood E- Free LED

- Linear Lighting LED fitting.
- Suspended mounted.
- Body made of extruded aluminium polyester powder coating and natural wood.
- Based on LED Tridonic modules 350 mA, 3000K ,4000K.
- Opal polycarbonate diffuser.
- ALANOD reflector.
- Provided with suspension.
- Dimming option DSI or Dali available.
- Emergency version for Codes 4702 & 4703.
- Luminaire life time > 50,000 hours at 80% of luminous flux.

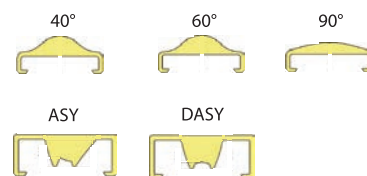
CODE	4702 WOOD	4703 WOOD
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	25,4	31,7
System Power (W)	26,7	33,3
Lumen Source (lm)	3660/3920	4580/4900
Lumen Luminaire (lm)	2930/3140	3670/3930
CCT (K)	3000/4000	3000/4000
Length (mm)	1200	1500
Weight (Kg)	2,75	2,98



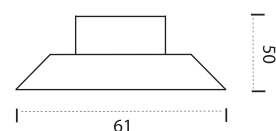
Wood Sevil

- Linear Lighting LED fitting.
- Suspended mounted.
- Body made of extruded aluminium polyester powder coated and natural wood.
- Based on LED strip 3000K/4000K.
- Opal polycarbonate diffuser.
- Provided with ceiling suspension.
- Dimming option DSI or Dali available.
- Luminaire life time > 50,000 hours at 80% of luminous flux.
- Available in 24V and 230 VAC versions.
- Other sizes upon request.

CODE	WOOD SEVIL 106	WOOD SEVIL 106 UP/DOWN
Frequency (Hz)	50/60 or 0	50/60 or 0
Main Voltage (V)	220-240 or 24V	220-240 or 24V
Source Power (W)	14,4	25
System Power (W)	15,2 or 14,4	27 or 25
Lumen Source (lm)	1200	2040
Lumen Luminaire (lm)	840	1428
CCT (K)	3000/4000	3000/4000
Length (mm)	1060	1060
Weight (Kg)	2,40	2,50



AVAILABLE LENSES



Collect

01 03 26

- High efficiency LED linear lighting fitting.
- Surface mounted or suspended.
- Body made of extruded aluminium polyester powder coated white black or grey.
- Equiped with Tridonic LED modules & Lenses.
- Assymetric beam also available.
- Provided with direct ceiling installation equipment.
- Luminaire life time > 50,000 hours at 70% of luminous flux.
- Non Dimmable Driver included. Dimmable version upon request.

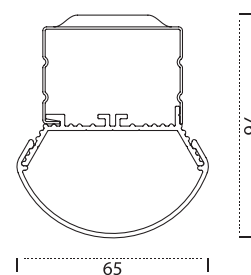
CODE	5004	5004/AS	5004/DASY	5005	5005/AS	5005/DASY
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240
Source Power (W)	25,4	25,4	25,4	31,7	31,7	31,7
System Power (W)	26,7	26,7	26,7	33,3	33,3	33,3
Lumen Source (lm)	3660/3920	3660/3920	3660/3920	4580/4900	4580/4900	4580/4900
Lumen Luminaire (lm)	3551/3803	3478/3724	3362/3606	4443/4753	4351/4655	4148/4508
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	40°, 60°, 90°	Assymetric	Assymetric x 2	40°, 60°, 90°	Assymetric	Assymetric x 2
Length (mm)	1120	1120	1120	1420	1420	1420

CODE	5004M	5004M/AS	5004M/DASY	5005M	5005M/AS	5005M/DASY
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240
Source Power (W)	32	32	32	40	40	40
System Power (W)	33,6	33,6	33,6	42	42	42
Lumen Source (lm)	5380/5620	5380/5620	5380/5620	6720/7030	6720/7030	6720/7030
Lumen Luminaire (lm)	5219/5452	5111/5339	4950/5171	6519/6820	6384/6679	6183/6468
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	40°, 60°, 90°	Assymetric	Assymetric x 2	40°, 60°, 90°	Assymetric	Assymetric x 2
Length (mm)	1120	1120	1120	1420	1420	1420

CODE ACCESSORIES

4047	Suspension cable with power supply
4048	Suspension cable without power supply





CUSTOMIZED
LENGTH
UPON
REQUEST

Multiline LED

01

- Linear LED lighting for surface or suspended.
- Body made of extruded profile aluminium for passive cooling, with opal polycarbonate diffuser.
- Based on LED modules 350 mA, 3000K or 4000K.
- Base made from sheet metal painted in powder white.
- Polycarbonate end cups included.
- Homogeneous light distribution on whole beam.
- Suspension to be ordered separately.
- Luminaire life time > 50,000 hours at 80%.

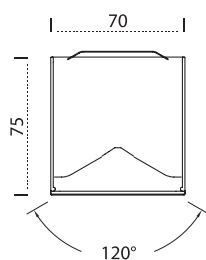
CODE	3510	3510 M	3520 M	3530 M	3540 M
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40	48
System Power (W)	21	25,2	33,6	42	50,4
Lumen Source (lm)	2690/2810	4030/4220	5380/5620	6720/7030	8070/8430
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630	6460/6750
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	580	900	1180	1480	1700
Weight (Kg)	1,1	1,4	1,7	2	2,3

CODE	3500 L	3510 L	3520 L	3530 L	3540 L
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7	38,1
System Power (W)	13,3	20	26,7	33,3	40
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900	5490/5880
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930	4400/4710
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	580	900	1180	1480	1700
Weight (Kg)	1,1	1,4	1,7	2	2,3

ACCESSORIES CODE

4047	Suspension cable with power supply
4048	Suspension cable without power supply

FOR ACCESSORIES DETAILS SEE PAGES 168-169



CUSTOMIZED
LENGTH
UPON
REQUEST



Astroline LED

01 03 26

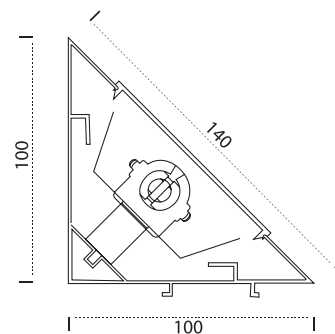
- High output surface mounted or pendant Linear LED lighting system for continuous light.
- Body made of extruded aluminium powder coated white, black or grey.
- Polycarbonate diffuser.
- Single 3-step MacAdam ellipse, CRI >85.
- Based on LED modules of length 280mm.
- Seamless: no shadows between modules.
- Homogeneous light distribution.
- Highly efficient passive cooling system with large surface on top of luminaire for heat management.
- End-caps to be ordered separately.
- Suspension cables to be ordered separately.
- Driver included.
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	3090	3091	3092	3093	3094
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	23,9	35,9	47,8	95,6	143,4
System Power (W)	25	37,7	50	100	151
Lumen Source (lm)	4000/4210	6000/6320	8000/8420	16000/16840	24000/25260
Lumen Luminaire (lm)	3200/3370	4800/5056	6400/6740	12800/13480	19200/20220
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	560	840	1120	2240	3360
Weight (Kg)	1,8	2,4	3,2	6,4	9,6

ACCESSORIES CODE

4047	Suspension cable with power supply
4048	Suspension cable without power supply
3089	End Caps (pair)
4540	Linear connectors (pair)

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Trigono

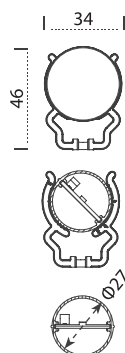
01 03 26

- Triangular linear lighting fitting equipped with TRIDONIC LED modules.
- Surface mounted or for corner installation.
- Body made of extruded aluminium powder coated with opal PC diffuser.
- Rotating arm options for up to 360° rotation. (To be ordered separately). Arm size 30mm
- Integrated LED Driver.
- Dimming options available upon request.

CODE	L-3010-M	L-3011-M	L-3012-M	L-3013-M
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40
System Power (W)	21	25,2	33,6	42
Lumen Source (lm)	2690/2810	4030/4220	5380/5620	6720/7030
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	580	900	1180	1480
Weight (kg)	1,5	2,1	2,6	3,2

CODE	L-3010-L	L-3011-L	L-3012-L	L-3013-L
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7
System Power (W)	13,3	20	26,7	33,3
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	580	900	1180	1480
Weight (kg)	1,5	2,1	2,6	3,2

ACCESSORIES CODE	
3050	Fixed End cap (pair)
3051	Rotating End cap (pair)
3052	Rotating Arm (pair) H70mm Rotation 45°/270°
3053	Rotating Arm (pair) H100mm Rotation 360°
3054	Rotating Arm (pair) H250mm Rotation 360°
3055	Suspension cable without power supply cord (pair)
3056	Ceiling Attachment Elements (pair)
3057	Line connection Cover (External)
4055	Concealed Line coupling element



CUSTOMIZED
LENGTH
UPON
REQUEST



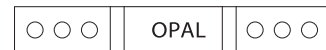
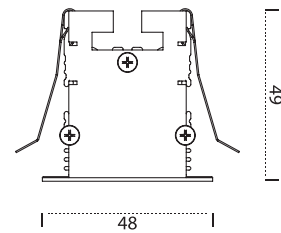
PC LED Tube

- Tubular linear lighting fitting made from clear polycarbonate.
- In house developed PCB with thermal protection by current reduction.
- Available in 3000K-4000K.
- 140 Lumens per Watt.
- Led chip pitch 15 mm.
- Rotated in different positioning.
- Able to be connected in a daisy chain up to 15m.
- Dimming Controller available.
- Driven at 24V DC constunt voltage (not included).

CODE	PC-900-030	PC-900-060	PC-900-090	PC-900-120	PC-900-150
Nominal Voltage (VDC)	24	24	24	24	24
Source Power (w)	4,8	9,6	14,4	19,2	24
Lumen Source (lm)	680	1360	2040	2720	3400
Lumen Luminaire (lm)	550	1100	1650	2200	2750
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	300	600	900	1200	1500

CODE	PC-900-180	PC-900-210
Nominal Voltage (VDC)	24	24
Source Power (w)	28,8	33,6
Lumen Source (lm)	4080	4760
Lumen Luminaire (lm)	3300	3850
CCT (K)	3000/4000	3000/4000
Length (mm)	1800	2100

CODE	SKU	POWER (W)	Vin	Hz	Vout	IP	Dimensions (mm)
89030	37963	30	220-240	50-60	24	67	20x30x190
89060	52589	60	220-240	50-60	24	20	35x80x110
89100	52587	100	220-240	50-60	24	67	25x40x220
89150	52588	150	220-240	50-60	24	20	40x100x160
89240	24822	240	220-240	50-60	24	20	50x115x200



Can be combined with Starlight Linear

CUSTOMIZED
LENGTH
UPON
REQUEST

Kanali 40 Deep Starlight

01 03 26

- Indoor recessed linear LED lighting system for continuous light lines installation.
- Recessed for plasterboard false ceiling.
- Body made of extruded aluminium powder coated white, black or metallic-grey.
- Polycarbonate diffuser.
- Correlated Color Temperature (CCT) 3000K, 4000K, (single 3-step MacAdam ellipse), CRI >80.
- Based on LED modules of length 280mm.
- No shadows between modules. Homogeneous light distribution.
- Highly efficient passive cooling system with large surface on top of luminaire for heat management.
- End-caps to be ordered separately.
- LED driver integrated.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Can be combined with Starlight Linear spot. (see page 065)

CODE	1020 L	1021 L	1022 L	1023 L	1024 L
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7	38,1
System Power (W)	13,3	20	26,7	33,3	40
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900	5490/5880
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930	4400/4705
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	600	875	1151	1440	1720
Cut out (mm)	591 x 40	870 x 40	1145 x 40	1429 x 40	1709 x 40
Weight (Kg)	1,3	1,5	1,9	2,2	2,5

CODE	1020 M	1021 M	1022 M	1023 M	1024 M
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40	48
System Power (W)	21	25,2	33,6	42	50,4
Lumen Source (lm)	2690/2810	4030/4220	5380/5620	6720/7030	8070/8430
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630	6460/6750
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	600	875	1151	1440	1720
Cut out (mm)	591 x 40	870 x 40	1145 x 40	1429 x 40	1709 x 40
Weight (Kg)	1,3	1,5	1,9	2,2	2,5

ACCESSORIES CODE

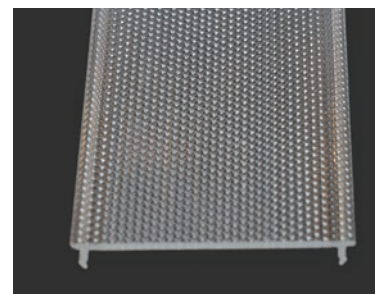
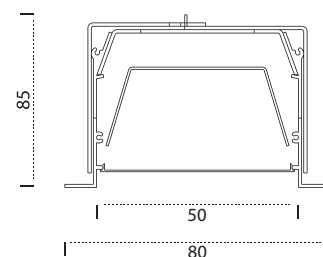
1029	End Caps (pair)
1028	Linear connectors (pair)

FOR ACCESSORIES DETAILS SEE PAGES 168-169



DRAKOULIS
— DRY & RAW —

DRAKOULIS
— DRY & RAW —



CUSTOMIZED
LENGTH
UPON
REQUEST

NEW UGR<19
Microprismatic Diffuser

Kanali 50

01 03 26

- Indoor recessed linear LED lighting system for continuous light lines installation.
- Recessed installation for plasterboard false ceiling.
- Body made of extruded aluminum powder coated white.
- Polycarbonate opal or microprismatic UGR < 19 diffuser.
- Based on Tridonic LED modules driven at 350mA
- Highly efficient passive cooling system with large surface on top of luminaire for heat management.
- End-caps to be ordered separately.
- Tridonic LED Driver Included

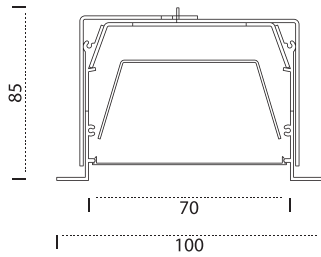
CODE	45700	45701	45702	45703	45704
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7	38,1
System Power (W)	13,3	20	26,7	33,3	40
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900	5490/5880
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930	4400/4705
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	588	868	1148	1428	1708
Cut out (mm)	568 X 58	848 X 58	1128 X 58	1408 X 58	1688 X 58

CODE	45700M	45701M	45702M	45703M	45704M
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40	48
System Power (W)	21	25,2	33,6	42	50,4
Lumen Source (lm)	2690/2810	4030/40220	5380/5620	6720/7030	8070/8430
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630	6460/6750
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	588	868	1148	1428	1708
Cut out (mm)	568 X 58	848 X 58	1128 X 58	1408 X 58	1688 X 58

ACCESSORIES CODE

1224	End Caps (pair)
1225	Linear connectors (pair)

FOR ACCESSORIES DETAILS SEE PAGES 168-169



CUSTOMIZED
LENGTH
UPON
REQUEST

Kanali 70 Linear LED

01 03 26

- Indoor recessed linear LED lighting fitting.
- Luminaire body made of extruded aluminium, polycarbonate diffuser and metal sheet end cups.
- Based on LED modules 350 mA.
- Correlated Color Temperature (CCT) 3000K, 4000K.
- Driver included.
- Dimmable options available.
- Luminaire life time > 50,000 hours at 80% of luminous flux.
- EMERGENCY VERSION UPON REQUEST.

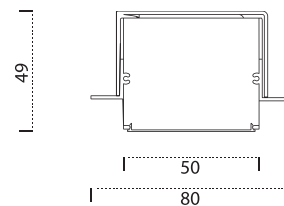
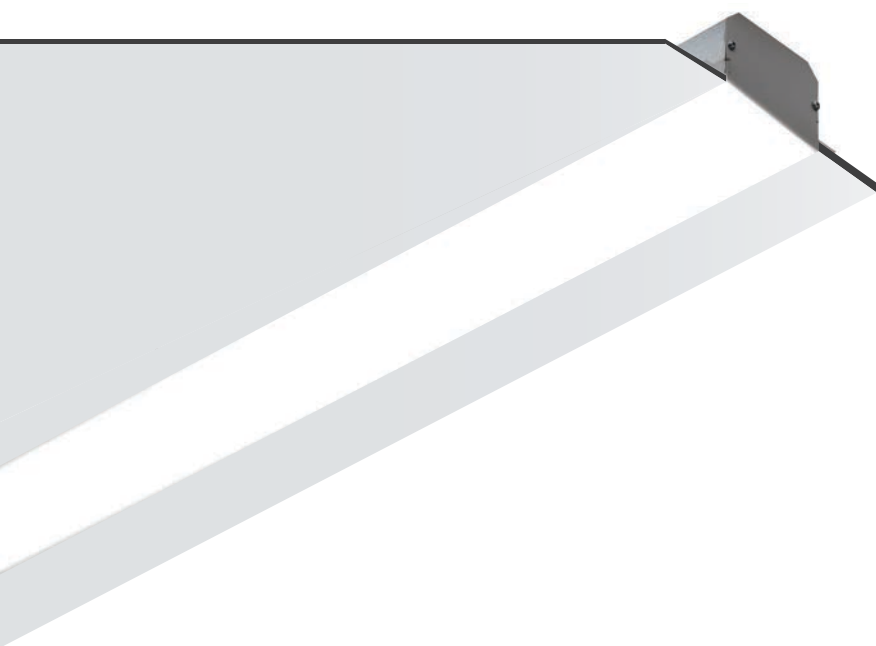
CODE	4580 L	4581 L	4582 L	4583 L	4584 L
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7	38,1
System Power (W)	13,3	20	26,7	33,3	40
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900	5490/5880
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930	4400/4705
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	588	868	1148	1428	1708
Cut out (mm)	568 x 78	848 x 78	1128 x 78	1408 x 78	1688 x 78
Weight (Kg)	1,1	1,4	1,7	2	2,3

CODE	4580 M	4581 M	4582 M	4583 M	4584 M
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40	48
System Power (W)	21	25,2	33,6	42	50,4
Lumen Source (lm)	2690/2810	4030/4220	5380/5620	6720/7030	8070/8430
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630	6460/6750
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	588	868	1148	1428	1708
Cut out (mm)	568 x 78	848 x 78	1128 x 78	1408 x 78	1688 x 78
Weight (Kg)	1,1	1,4	1,7	2	2,3

ACCESSORIES CODE

4469	End Caps (pair)
4503	Linear connectors (pair)

FOR ACCESSORIES DETAILS SEE PAGES 168-169



CUSTOMIZED
LENGTH
UPON
REQUEST

Kanali 50 Frameless LED

01

- Indoor recessed linear LED lighting system for continuous light lines installation.
- Recessed frameless for plasterboard false ceiling.
- Body made of extruded aluminium powder coated white, polycarbonate diffuser.
- Correlated Color Temperature (CCT) 3000K, 4000K (single 3-step MacAdam ellipse), CRI >80. Other CCT available on request.
- Based on LED modules of length 280mm, Seamless: no shadows between modules. Homogeneous light distribution.
- Highly efficient passive cooling system with large surface on top of luminaire for heat management.
- End-caps to be ordered separately. LED driver integrated.
- Luminaire life time > 50,000 hours at 70% luminous flux.

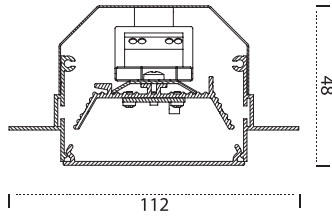
CODE	1220/50	1221/50	1222/50	1223/50
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7
System Power (W)	13,3	20	26,7	33,3
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	563	845	1125	1405
Cut out (mm)	563 x 52	845 x 52	1125 x 52	1405 x 52
Weight (Kg)	2,3	3,8	4,8	6,1

CODE	1220 M /50	1221 M /50	1222 M /50	1223 M /50
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40
System Power (W)	21	25,2	33,6	42
Lumen Source (lm)	2690/2810	4030/4220	5380/5620	6720/7030
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	563	845	1125	1405
Cut out (mm)	563 x 52	845 x 52	1125 x 52	1405 x 52
Weight (Kg)	2,3	3,8	4,8	6,1

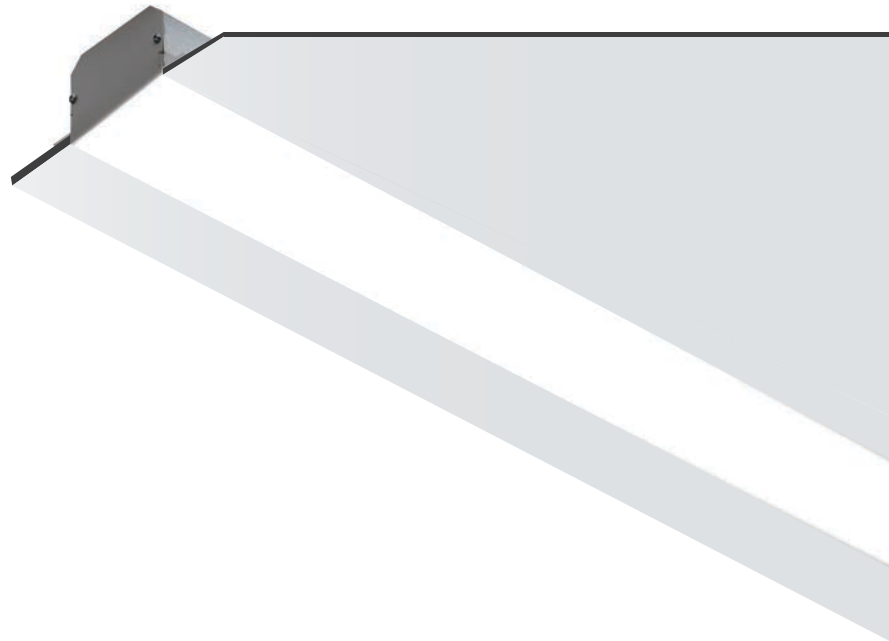
ACCESSORIES CODE

4055 Concealed Line coupling element

FOR ACCESSORIES DETAILS SEE PAGES 168-169



CUSTOMIZED
LENGTH
UPON
REQUEST



Kanali 70 Frameless LED

01

- Indoor recessed linear LED lighting system for continuous light lines installation.
- Recessed frameless for plasterboard false ceiling.
- Body made of extruded aluminium powder coated white, polycarbonate diffuser.
- Correlated Color Temperature (CCT) 3000K, 4000K (single 3-step MacAdam ellipse), CRI >80. Other CCT available on request.
- Based on LED modules of length 280mm, Seamless: no shadows between modules. Homogeneous light distribution.
- Highly efficient passive cooling system with large surface on top of luminaire for heat management.
- End-caps to be ordered separately. LED driver integrated.
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	1220	1221	1222	1223
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	12,7	19	25,4	31,7
System Power (W)	13,3	20	26,7	33,3
Lumen Source (lm)	1830/1960	2750/2940	3660/3920	4580/4900
Lumen Luminaire (lm)	1470/1570	2200/2360	2930/3140	3670/3930
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	563	845	1125	1405
Cut out (mm)	563 x 72	845 x 72	1125 x 72	1405 x 72
Weight (Kg)	2,3	3,8	4,8	6,1

CODE	1220 M	1221 M	1222 M	1223 M
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Source Power (W)	16	24	32	40
System Power (W)	21	25,2	33,6	42
Lumen Source (lm)	2690/2810	4030/4220	5380/5620	6720/7030
Lumen Luminaire (lm)	2150/2250	3225/3380	4310/4500	5380/5630
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Length (mm)	563	845	1125	1405
Cut out (mm)	563 x 72	845 x 72	1125 x 72	1405 x 72
Weight (Kg)	2,3	3,8	4,8	6,1

ACCESSORIES CODE

1224	End Caps (pair)
1225	Linear connectors (pair)

FOR ACCESSORIES DETAILS SEE PAGES 168-169



Recessed Downlights

pages 78 - 121

03

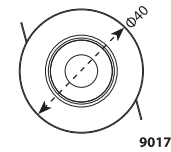


9018

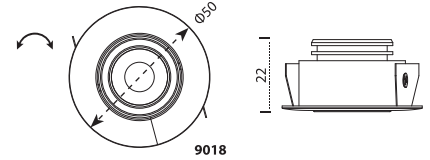
9017



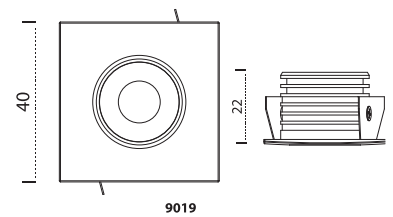
9019



9017



9018



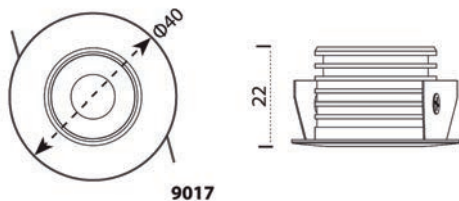
9019

Starlight

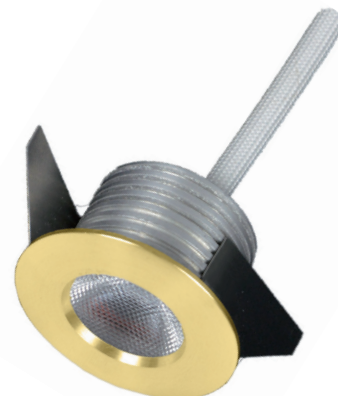


- Indoor recessed LED spotlight.
- Body and front ring made of machined aluminium to optimize heat dissipation.
- Stainless steel springs.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- Starlight Recessed Round (9017) is fixed & code 9018 is adjustable with rotation angle $\pm 30^\circ$.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	9017	9018	9019
Max Input (mA)	350 / 500 / 700 DC	350 / 500 / 700 DC	350 / 500 / 700 DC
Source Power (W)	1,05 / 1,5 / 2,1	1,05 / 1,5 / 2,1	1,05 / 1,5 / 2,1
Lumen Source (lm)	140 / 200 / 280	140 / 200 / 280	140 / 200 / 280
Lumen Luminaire (lm)	112 / 162 / 224	112 / 162 / 224	112 / 162 / 224
CCT (K)	3000	3000	3000
Beams	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°
CRI	≥ 80	≥ 80	≥ 80
IP	44	20	44
Cut Out Ø (mm)	33	41	33
Weight (Kg)	0,04	0,05	0,04



New gold finish



Starlight Gold

- Indoor recessed LED downlight.
- Full luminaire made of superior quality machined aluminum.
- Electroplated gold finish.
- Polycarbonate protection screen.
- Stainless Steel Springs.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED CC driver to be ordered separately.

CODE	9017	9017	9017	9017
Max Input (mA)	350 DC	500 DC	700 DC	900 DC
Source Power (W)	1,05	1,5	2,1	3
Lumen luminaire (lm)	112	162	224	344
CCT (K)	2700/3000/4000	2700/3000/4000	2700/3000/4000	3000
Beams	14°,28°,44°	14°,28°,44°	14°,28°,44°	14°,28°,44°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	33	33	33	33
Weight (Kg)	0,04	0,04	0,04	0,04



9111



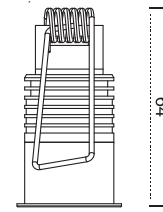
9110



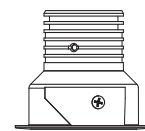
9016/R



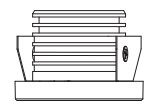
9016/SQ



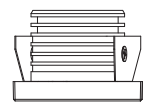
9111



9110



9016/R



9016/SQ

Starlight Deep, Dark, Deco

01 03 26 22

- Indoor recessed fixed LED spotlight.
- Body and front ring made of machined aluminium to optimize heat dissipation.
- Stainless steel springs.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- LED and Lens recessed deep in the ceiling.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- CRI 90 available upon request.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

STARLIGHT DEEP (9110): Conical front ring for reduced glare.

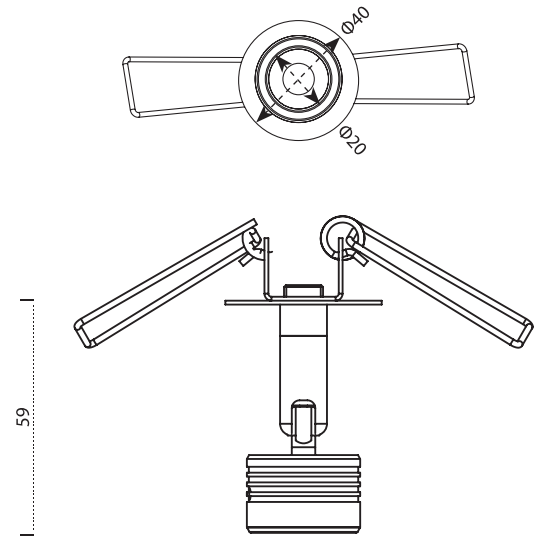
STARLIGHT DARK (9111): Cylindrical front ring to create anti-glare snoot effect.

CODE	9110 DEEP	9111 DARK	9016/R	9016/SQ
Max Input (mA)	350 / 500 / 700 DC	350 / 500 / 700 DC	350 / 500 / 700 DC	350 / 500 / 700 DC
Source Power (W)	1,05 / 1,5 / 2,1	1,05 / 1,5 / 2,1	1,05 / 1,5 / 2,1	1,05 / 1,5 / 2,1
Lumen Source (lm)	140 / 200 / 280	140 / 200 / 280	140 / 200 / 280	140 / 200 / 280
Lumen Luminaire (lm)	112 / 162 / 224	112 / 162 / 224	56 / 81 / 112	56 / 81 / 112
CCT (K)	3000	3000	3000	3000
Beams	14°, 28°, 44°	14°	120°	120°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	42	32	33	33
Weight (Kg)	0,08	0,06	0,04	0,04



Macelleria

STEAK HOUSE

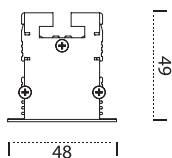
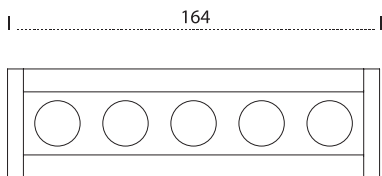


Starlight Semi-recessed

01 03 26 22

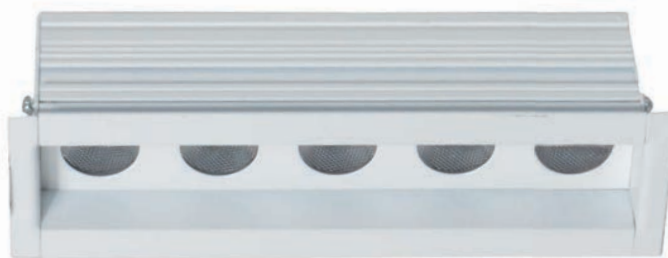
- Indoor wall/ceiling semi-recessed LED spotlight.
- Flat Base in Metal Sheet.
- Galvanized springs.
- Body made of machined aluminium to optimize heat dissipation.
- Brass chrome plated fixing joint included that allows setting the orientation of the spot.
- Tiltable: 90°.
- No visible cables, as they are running through the joint.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.

CODE	9012
Max Input (mA)	700 DC
Source Power (W)	2,1
Lumen Source (lm)	280
Lumen Luminaire (lm)	224
CCT (K)	3000
Beams	14°,28°,44° & 14° + 48°
CRI	≥ 80
Cut Out Ø (mm)	30
Weight (Kg)	0,19



OPAL

Can be combined with
Kanali 40 Deep



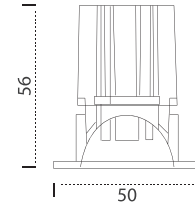
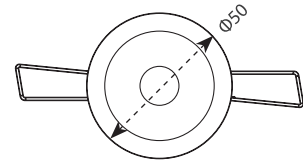
Starlight Linear

01 03 26

- Indoor recessed linear LED luminaire.
- Body made of extruded aluminium electrostatically polyester powder coated, combination of different colours in frame or inner cover on request.
- Three different sizes as standard.
- Each LED insert contains one Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- CRI 90 available upon request.
- LED driver to be ordered separately.

Starlight linear can be combined with KANALI 40 DEEP (see page 052)

CODE	1010.2	1010.3	1011.3	1011.5	1012.6	1012.9
Max Input (mA)	700 DC	700 DC	700 DC	700 DC	700 DC	700 DC
Source Power (W)	2 x 2,1	3 x 2,1	3 x 2,1	5 x 2,1	6 x 2,1	9 x 2,1
Lumen Source (lm)	560	840	840	1400	1680	2520
Lumen Luminaire (lm)	448	672	672	1120	1344	2016
CCT (K)	3000	3000	3000	3000	3000	3000
Beams	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°	14°,28°,44° & 14° + 48°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Length (mm)	108	108	158	158	308	308
Length (mm)	114	114	164	164	314	314
Weight (Kg)	0,1	0,1	0,15	0,15	0,29	0,29

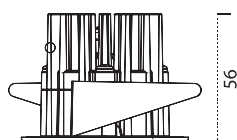
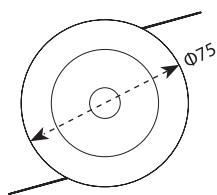


Mini Gnomon

01 03 26

- Indoor recessed LED downlight.
- Full luminaire made of high quality diecast aluminium.
- Electrostatic polyester powder coated in white, black or grey.
- Glued polycarbonate protection window and galvanized springs.
- Based on Bridgelux V6 or V8 COB, CRI 90.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- MAX Input 500mA.

CODE	9161	9161	9160 (V8)
Input (mA)	350 DC	500 DC	350 DC
Source Power (W)	3,2	4,7	6,1
Lumen Source (lm)	441/466	594/630	908/945
Lumen Luminaire (lm)	352/372	475/504	726/756
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	60°	60°	90°
CRI	≥ 90	≥ 90	≥ 90
Cut Out Ø (mm)	34	34	60
Weight (Kg)	0,15	0,15	0,18

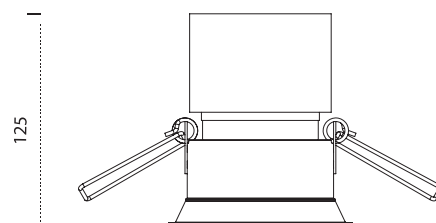
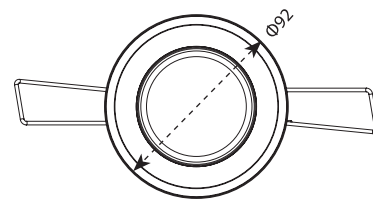


Gnomon

01 03 26

- Indoor recessed LED downlight.
- Full luminaire made of high quality diecast aluminium.
- Electrostatic polyester powder coated in white, black or grey.
- Glued polycarbonate protection window and stainless steel springs.
- Based on Bridgelux V8 COB, CRI 90.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- MAX Input 500mA.

CODE	9160	9160
Max Input (mA)	350 DC	500 DC
Source Power (w)	6,1	8,9
Lumen Source (lm)	908/945	1261/1311
Lumen Luminaire (lm)	726/756	1009/1049
CCT (K)	3000/4000	3000/4000
Beams	90°	90°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	60	60
Weight (Kg)	0,18	0,18



Virgo Round

01

- Indoor ceiling recessed LED downlight.
- Body made of diecast aluminium electrostatically polyester powder coated white.
- Very small trim, 4mm visible, known as "semi-trimless".
- Deep aluminium trim works as secondary reflector, with a "dark light" effect.
- Clear protection glass.
- Based on Bridgelux V10 COB CRI90.
- Highly efficient passive cooling system with large surface on top of luminaire for heat dissipation.
- Reflector made of aluminium coated PC with protective lacquer.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- MAX Input 350mA.
- EMERGENCY VERSION UPON REQUEST.

CODE	9165R	9165R
Max Input (mA)	250 DC	350 DC
Source Power (W)	8,7	12,6
Lumen Source (lm)	1323/1363	1811/1865
Lumen Luminaire (lm)	1058/1091	1449/1492
CCT (K)	3000/4000	3000/4000
Beams	14°, 40°	14°, 40°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	82	82
Weight (Kg)	0,32	0,32

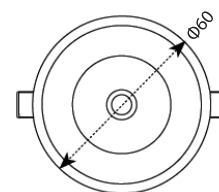
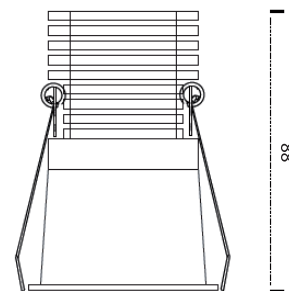


Virgo Square

01

- Indoor ceiling recessed LED downlight.
- Body made of diecast aluminium electrostaticly polyester powder coated white.
- Very small trim, 4mm visible, known as "semi-trimless".
- Deep aluminium trim works as secondary reflector, with a "dark light" effect.
- Clear protection glass. - Based on Bridgelux V10 COB CRI90.
- Highly efficient passive cooling system with large surface on top of luminaire for heat dissipation.
- Reflector made of aluminium coated PC with protective lacquer.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- MAX Input 350mA.
- EMERGENCY VERSION UPON REQUEST.

CODE	9165SQ	9165SQ
Max Input (mA)	250 DC	350 DC
Source Power (W)	8,7	12,6
Lumen Source (lm)	1323/1363	1811/1865
Lumen Luminaire (lm)	1058/1091	1449/1492
CCT (K)	3000/4000	3000/4000
Beams	14°, 40°	14°, 40°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	77 x 77	77 x 77
Weight (Kg)	0,32	0,32



Mini Virgo Round

01 03 26

- Indoor recessed LED downlight.
- Full luminaire made of high quality diecast aluminium.
- Electrostatic polyester powder coated.
- Clear Polycarbonate protection window and stainless steel springs.
- Based on Bridgelux V8 COB CRI90.
- Available in 2700, 3000, 4000K
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.

CODE	9164	9164
Max Input (mA)	350 DC	500 DC
Source Power (W)	6,1	8,9
Lumen Source (lm)	908/945	1261/1311
Lumen Luminaire (lm)	726/756	1009/1049
CCT (K)	2700/3000/4000	2700/3000/4000
Beams	20°, 38°, 60°	20°, 38°, 60°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	51	51
Weight (Kg)	0,18	0,18



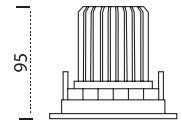
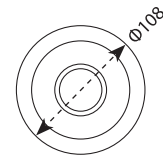
Easy

01

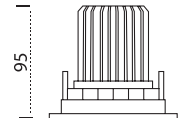
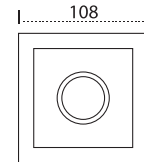
- Indoor or outdoor recessed LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium electrostatically polyester powder coated white.
- Other colours available upon request.
- Luminaire heat sink in diecast aluminium.
- Based on Bridgelux V13 COB CRI90.
- Anodized Pure Aluminium-Dip coated LED reflector.
- For ceiling thickness from 8mm to 18mm.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	2608	2608
Max Input (mA)	500 DC	700 DC
Source Power (W)	17,5	25,3
Lumen Source (lm)	2658/2764	3600/3744
Lumen Luminaire (lm)	2126/2211	2880/2995
CCT (K)	3000/4000	3000/4000
Beams	80°	80°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	215	215
Weight (Kg)	1,01	1,01

2905SQ



2905R

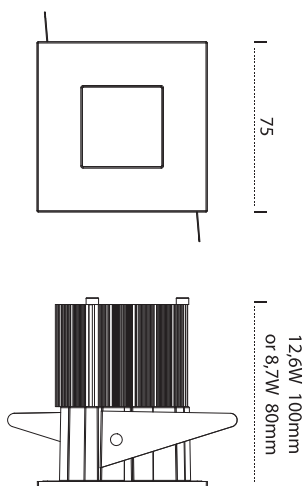


Pin Hole Round / Square

01 03 26

- Indoor adjustable recessed LED downlight.
- Body made of diecast aluminium electrostatically polyester powder coated.
- "Dark light" effect.
- Clear protection polycarbonate diffuser.
- Based on Bridgelux V10 COB LED.
- Highly efficient passive cooling system with large surface on top of luminaire for heat dissipation.
- Reflector made of aluminium coated PC with protective lacquer.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	2905R	2905SQ
Max Input (mA)	250 DC	250 DC
Source Power (w)	8,7	8,7
Lumen Source (lm)	1323/1363	1323/1363
Lumen Luminaire (lm)	1058/1091	1058/1091
CCT (K)	3000/4000	3000/4000
Beams	40°	40°
CRI	≥ 80	≥ 80
Cut Out Ø (mm)	85	85 x 85
Weight (Kg)	0,33	0,35

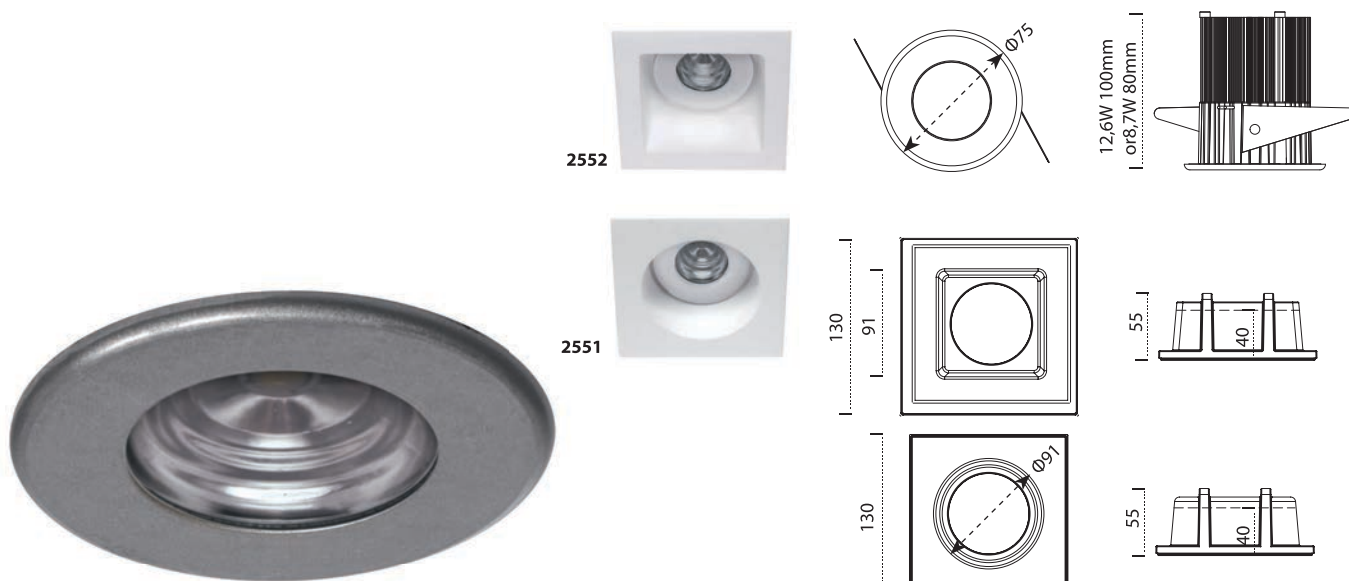


Carre

01 03 26 50

- Interior multi purpose recessed LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium in electrostatically polyester powder coated or chrome plated.
- Luminaire heat sink made of extruded aluminium.
- Clear glued protection glass and silicone ring.
- Frosted glass available on demand.
- Based on Bridgelux V10 COB LED.
- Highly efficient passive cooling system with large surface on top of luminaire for heat dissipation.
- Reflector made of aluminium coated PC with protective lacquer.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	9070	9071	9072	9073	9074	9075
Max Input (mA)	250 DC	250 DC	250 DC	350 DC	350 DC	350 DC
Source Power (W)	8,7	8,7	8,7	12,6	12,6	12,6
Lumen Source (lm)	1323/1363	1323/1363	1323/1363	1811/1865	1811/1865	1811/1865
Lumen Luminaire (lm)	1058/1091	1058/1091	1058/1091	1449/1492	1449/1492	1449/1492
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	13°	28°	48°	13°	28°	48°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	60	60	60	60	60	60
Weight (Kg)	0,32	0,32	0,32	0,34	0,34	0,34



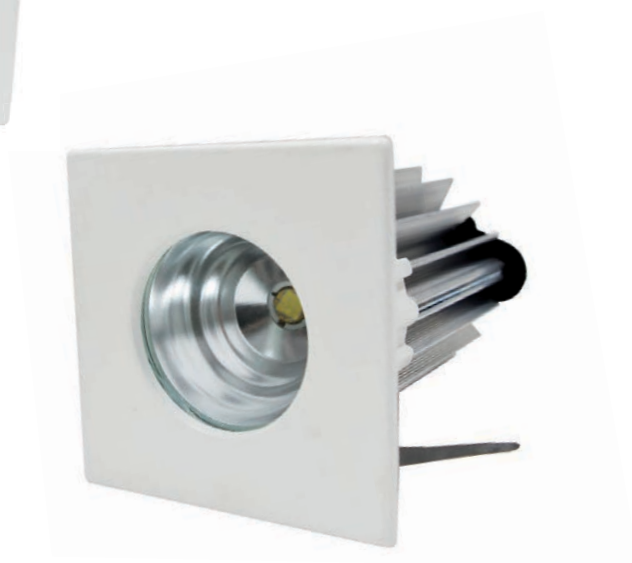
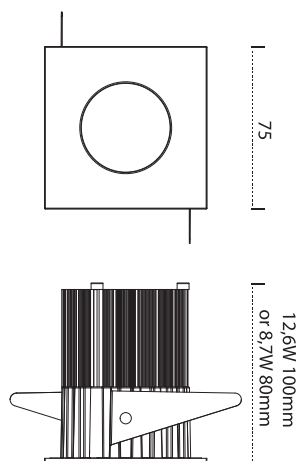
Leo Round



- Interior multi purpose recessed LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium electrostaticly polyester powder coated.
- Luminaire heat sink made of extruded aluminium.
- Clear glued protection glass and silicone ring.
- Frosted glass available on demand.
- Based on Bridgelux V10 COB LED.
- Highly efficient passive cooling system with large surface on top of luminaire for heat dissipation.
- Reflector made of aluminium coated PC with protective lacquer.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	9001	9002	9003	9031	9034	9036
Max Input (mA)	250 DC	250 DC	250 DC	350 DC	350 DC	350 DC
Source Power (W)	8,7	8,7	8,7	12,6	12,6	12,6
Lumen Source (lm)	1323/1363	1323/1363	1323/1363	1811/1865	1811/1865	1811/1865
Lumen Luminaire (lm)	1058/1091	1058/1091	1058/1091	1449/1492	1449/1492	1449/1492
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	13°	28°	48°	13°	28°	48°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	60	60	60	60	60	60
Weight (Kg)	0,3	0,3	0,3	0,32	0,32	0,32

CODE	2551 ROUND	2552 SQUARE
ACCESSORIES		
Cut Out Ø (mm)	130 x 130	130 x 130
Weight (Kg)	0,15	0,15
Type	Gypsum	Gypsum



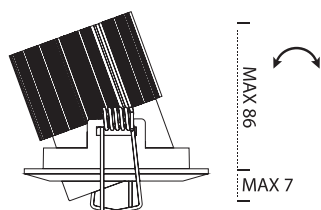
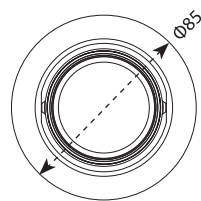
Leo Square

01 03 26 50

- Interior multi purpose recessed LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium electrostatically polyester powder coated.
- Luminaire heat sink made of extruded aluminium.
- Clear glued protection glass and silicone ring.
- Frosted glass available on demand.
- Based on Bridgelux V10 COB LED.
- Highly efficient passive cooling system with large surface on top of luminaire for heat dissipation.
- Reflector made of aluminium coated PC with protective lacquer.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	9005	9006	9007	9032	9035	9037
Max Input (mA)	250 DC	250 DC	250 DC	350 DC	350 DC	350 DC
Source Power (W)	8,7	8,7	8,7	12,6	12,6	12,6
Lumen Source (lm)	1323/1363	1323/1363	1323/1363	1811/1865	1811/1865	1811/1865
Lumen Luminaire (lm)	1058/1091	1058/1091	1058/1091	1449/1492	1449/1492	1449/1492
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	13°	28°	48°	13°	28°	48°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	60	60	60	60	60	60
Weight (Kg)	0,31	0,31	0,31	0,33	0,33	0,32



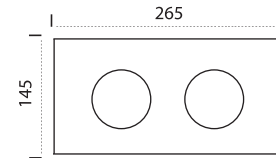


Virgin Adjustable

01 03 26

- Interior multi purpose recessed adjustable LED downlight.
- Full luminaire made of high quality diecast aluminium.
- Electrostatic polyester powder coated.
- Polycarbonate protection screen.
- Stainless Steel Springs.
- Based on Bridgelux V8 COB CRI90.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- MAX Input 500mA.

CODE	9199	9199
Max Input (mA)	350 DC	500 DC
Source Power (W)	6,1	8,9
Lumen Source (lm)	908/945	1261/1311
Lumen Luminaire (lm)	726/756	1009/1049
CCT (K)	3000/4000	3000/4000
Beams	38°	38°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	76	76
Weight (Kg)	0,18	0,18



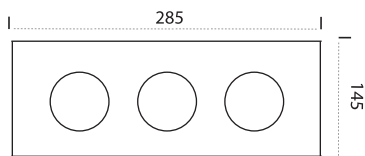
Trimless

Virgin Adjustable Double

01 03 26

- Interior multi purpose recessed adjustable LED downlight in standard and trimless versions.
- Housing made of steel sheet and diecast aluminium.
- Electrostatic polyester powder coated.
- Polycarbonate protection screen.
- Stainless Steel Springs.
- Based on Bridgelux V8 COB CRI90.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- MAX Input 500mA/spot.

CODE	9199/2	9199/2	9199/2T	9199/2T
Max Input (mA)	2 x 350 DC	2 x 500 DC	2 x 350 DC	2 x 500 DC
Source Power (W)	2 x 6,1	2 x 8,9	2 x 6,1	2 x 8,9
Lumen Source (lm)	2 x 908/945	2 x 261/1311	2 x 908/945	2 x 261/1311
Lumen Luminaire (lm)	2 x 726/756	2 x 1009/1049	2 x 726/756	2 x 1009/1049
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Beams	38°	38°	38°	38°
CRI	≥ 90	≥ 90	≥ 90	≥ 90
Cut Out Ø (mm)	250 x 130	250 x 130	245 x 128	245 x 128
Weight (Kg)	1,1	1,1	1,1	1,1



Trimless

Virgin Adjustable Triple

01 03 26

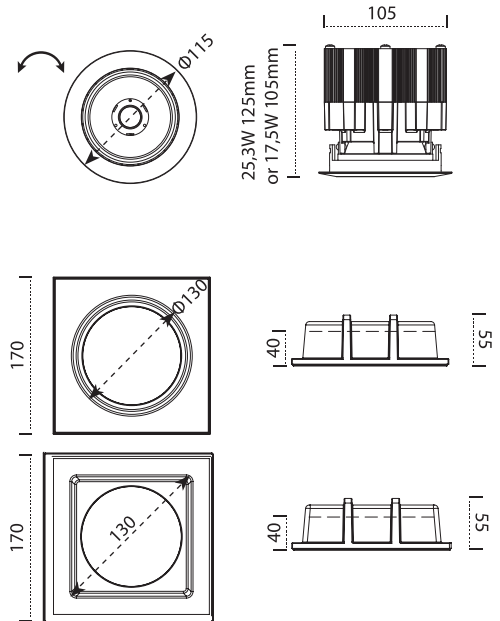
- Interior multi purpose recessed adjustable LED downlight in standard and trimless versions.
- Housing made of steel sheet and diecast aluminium.
- Electrostatic polyester powder coated.
- Polycarbonate protection screen.
- Stainless Steel Springs.
- Based on Bridgelux V8 LED.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- MAX Input 500mA/spot.

CODE	9199/3	9199/3	9199/3T	9199/3T
Max Input (mA)	3 x 350 DC	3 x 500 DC	3 x 350 DC	3 x 500 DC
Source Power (W)	3 x 6,1	3 x 8,9	3 x 6,1	3 x 8,9
Lumen Source (lm)	3 x 908/945	3 x 1261/1311	3 x 908/945	3 x 1261/1311
Lumen Luminaire (lm)	3 x 726/756	3 x 1009/1049	3 x 726/756	3 x 1009/1049
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Beams	38°	38°	38°	38°
CRI	≥ 90	≥ 90	≥ 90	≥ 90
Cut Out Ø (mm)	370 x 130	370 x 130	365 x 128	365 x 128
Weight (Kg)	1,6	1,6	1,6	1,6



2554

2553



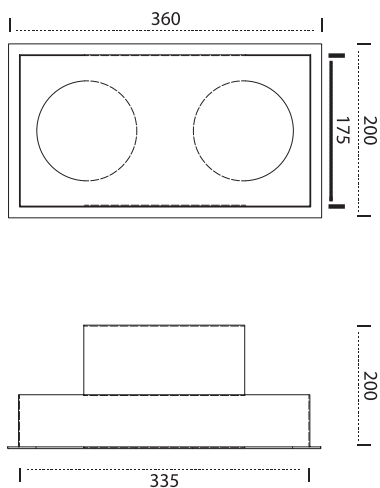
Asterion LED

01 03 26

- Indoor multipurpose recessed adjustable LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium electrostatically polyester powder coated.
- Tilttable +/-15deg.
- Luminaire heat sink in extruded aluminium.
- Clear protection glass.
- Based on Bridgelux V13 COB CRI90.
- Alunova® LED reflector.
- For ceiling thickness from 8mm to 18mm.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.

CODE	9171	9172	9173	9175	9176	9177
Max Input (mA)	500 DC	500 DC	500 DC	700 DC	700 DC	700 DC
Source Power (w)	17,5	17,5	17,5	25,3	25,3	25,3
Lumen Source (lm)	2658/2764	2658/2764	2658/2764	3600/3744	3600/3744	3600/3744
Lumen Luminaire (lm)	2126/2211	2126/2211	2126/2211	2880/2995	2880/2995	2880/2995
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	16°	24°	41°	16°	24°	41°
CRI	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90
Cut Out Ø (mm)	106	106	106	106	106	106
Weight (Kg)	0,7	0,7	0,7	0,9	0,9	0,9

CODE	2553 SQUARE	2554 ROUND
Cut Out Ø (mm)	170 x 170	170 x 170
Weight (Kg)	0,15	0,15
Type	Gypsum	Gypsum

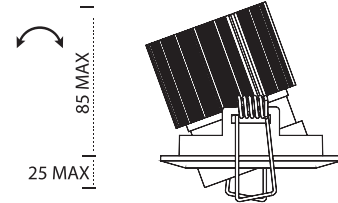
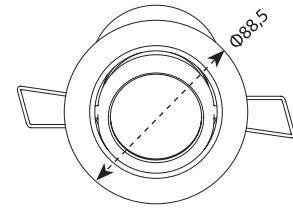


Asterion Double LED

01 03 26

- Indoor multipurpose recessed adjustable LED downlight.
- Luminaire housing made of steel sheet electrostatically powder coated.
- Spot made of aluminium electrostatically polyester powder coated.
- Tilttable +/-15deg.
- Luminaire heat sink in extruded aluminium.
- Clear protection glass.
- Based on Bridgelux V13 COB CRI90.
- Alunova® LED reflector.
- For ceiling thickness from 8mm to 18mm.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED driver included.

CODE	9178	9179
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	35	50,6
System Power (W)	36,8	53,1
Lumen Source (lm)	5316/5528	7200/7488
Lumen Luminaire (lm)	4252/4422	5760/5990
CCT (K)	3000/4000	3000/4000
Beams	16°,24°,41°	16°,24°,41°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	335 x 175	335 x 175
Weight (Kg)	4,1	4,1

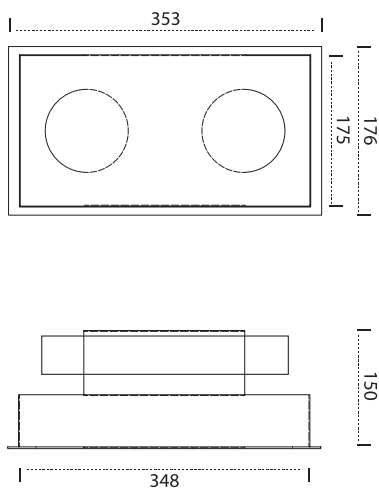


Mini Asterion LED

01 03 26

- Interior multi purpose recessed adjustable LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium in electrostatic polyester powder coating.
- Luminaire heat sink made of extruded aluminium.
- Clear glued protection glass.
- Frosted glass available on demand.
- Tilttable +/-15deg.
- Based on Bridgelux V10 COB LED.
- Highly efficient passive cooling system with large surface on top of luminaire for heat dissipation.
- Reflector made of aluminium coated PC with protective lacquer.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- MAX Input 350mA.

CODE	9168	9168
Max Input (mA)	250 DC	350 DC
Source Power (w)	8,7	12,6
Lumen Source (lm)	1323/1363	1811/1865
Lumen Luminaire (lm)	1058/1091	1449/1492
CCT (K)	3000/4000	3000/4000
Beams	14°, 40°	14°, 40°
CRI	≥ 80	≥ 80
Cut Out Ø (mm)	75	75
Weight (Kg)	0,32	0,32

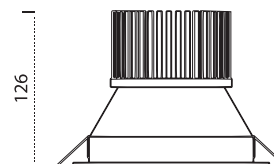
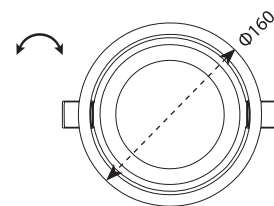


Mini Asterion Double LED

01 03 26

- Indoor multipurpose recessed adjustable LED downlight.
- Luminaire housing made of steel sheet electrostatically powder coated.
- Spot made of aluminium electrostatically polyester powder coated.
- Tilttable +/-15deg.
- Luminaire heat sink in extruded aluminium.
- Clear protection glass.
- Based on Bridgelux V10 COB CRI90.
- Alunova® LED reflector.
- For ceiling thickness from 8mm to 18mm.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED driver included.

CODE	9182	9183
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	17,4	25,2
System Power (W)	18,3	26,5
Lumen Source (lm)	2646/2726	3622/3730
Lumen Luminaire (lm)	2116/2182	2898/2984
CCT (K)	3000/4000	3000/4000
Beams	16°, 24°, 41°	16°, 24°, 41°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	335 x 175	335 x 175
Weight (Kg)	2,7	2,7

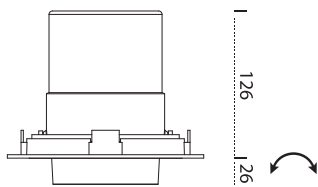
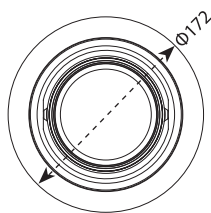


Dynamic LED

01 03

- Indoor ceiling recessed fully adjustable LED downlight.
- All elements made of diecast aluminium electrostatically polyester powder coated.
- Tilttable : 35° - Rotation 360°.
- Extruded aluminium passive cooling system black anodized for optimal heat dissipation.
- Tridonic LED COB CRI90.
- Clear protection glass. Stainless steel springs.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	2101	2101	2101	2101
Max Input (mA)	500 DC	700 DC	900 DC	1050 DC
Source Power (W)	17,5	24,5	31,5	37,4
Lumen Source (lm)	2960/3060	4020/4140	5080/5250	5815/5970
Lumen Luminaire (lm)	2368/2448	3216/3312	4064/4176	4652/4776
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Beams	25°, 60°	25°, 60°	25°, 60°	25°, 60°
CRI	≥ 90	≥ 90	≥ 90	≥ 90
Cut Out Ø (mm)	145	145	145	145
Weight (Kg)	0,72	0,72	0,72	0,72

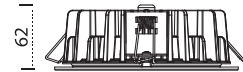
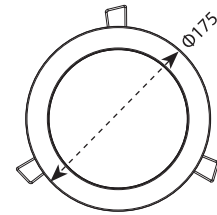


Vivo Adjustable

01 03 26

- Indoor ceiling recessed fully adjustable LED downlight.
- All elements made of die cast aluminium, electrostatically polyester powder coated.
- Tilttable : 36° - Rotation 350°.
- Extruded aluminium passive cooling system black anodized for optimal heat dissipation.
- No moving parts.
- Equipped with TRIDONIC LED module.
- Polished anodized aluminium reflector, optimized for Zhaga book 3 LED modules.
- Clear protection glass. Stainless steel springs.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	3450	3450	3450	3451
Max Input (mA)	500 DC	700 DC	900 DC	1050 DC
Source Power (W)	17	25	33	38
Lumen Source (lm)	2730/2840	3630/3780	4530/4720	5620/5730
Lumen Luminaire (lm)	2185/2280	2910/3030	3630/3780	4500/4590
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Beams	24°, 55°	24°, 55°	24°, 55°	24°, 55°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	160	160	160	160
Weight (Kg)	0,96	0,96	0,96	0,96

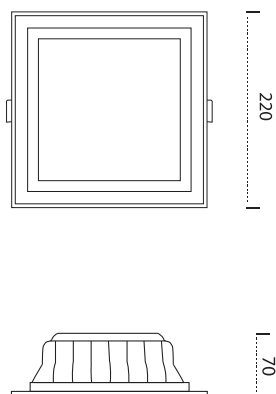


Tholos LED

01 03 26

- Indoor and outdoor ceiling recessed LED downlight.
- Full luminaire made of high quality diecast aluminium.
- Front Ring electrostatically polyester powder coated.
- Polycarbonate textured diffuser screen and silicone ring.
- Galvanized steel springs.
- Uses Samsung LEDs. Driven at maximum 700mA.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 80% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	6230	6231	6232
Max Input (mA)	700 DC	700 DC	700 DC
Source Power (w)	16	25	33
Lumen Source (lm)	2056/2139	3063/3185	4086/4250
Lumen Luminaire (lm)	1645/1711	2450/2548	3629/3400
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	90°	90°	90°
CRI	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	165	165	165
Weight (Kg)	0,66	0,66	0,66

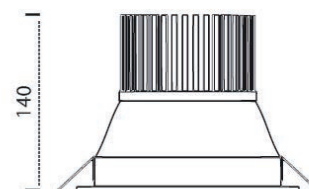
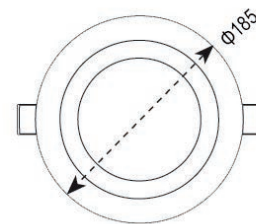


Tholos LED SQ

01 03 26

- Indoor and outdoor ceiling recessed LED downlight.
- Full luminaire made of high quality diecast aluminium.
- Front frame electrostatically polyester powder coated.
- Polycarbonate textured diffuser screen and silicone ring.
- Galvanized steel springs.
- Equipped with Tridonic CLE LED 3000K, 4000K.
- CRI 90 available upon request.
- Luminaire life time > 50,000 hours at 80% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	6231SQ	6231SQ	6231SQ
Max Input (mA)	350 DC	500 DC	700 DC
Source Power (W)	12	18	25
Lumen Source (lm)	1530	2166	3060
Lumen Luminaire (lm)	1117	1581	2234
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	120°	120°	120°
CRI	≥ 80	≥ 80	≥ 80
Cut Out Ø (mm)	190 x 190	190 x 190	190 x 190
Weight (Kg)	0,66	0,66	0,66



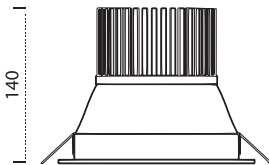
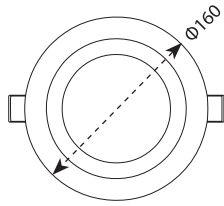
Faros Max

01 03

- Indoor recessed LED downlight.
- Luminaire housing with ceiling trim in diecast aluminum electrostatically polyester powder coated white. Other colors available upon request.
- Luminaire heat sink in die cast aluminum.
- Based on Tridonic SLE G7 15mm or Bridgelux V13, available in CCT 2700/3000/4000K CRI90.
- Anodized Pure Aluminum-Dip coated LED reflector.
- For ceiling thickness from 8mm to 18mm.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST

*This product is only produced upon request (MOQ applied).

CODE	91845	91845	91845
Max Input (mA)	900	1050	1200
Source Power (W)	31,5	37	43
Lumen luminaire (lm)	4062/4176	4652/4776	5240/5376
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	60°	60°	60°
CRI	>90	>90	>90
Cut Out Ø (mm)	160	160	160
Weight (Kg)	0,95	0,95	0,95

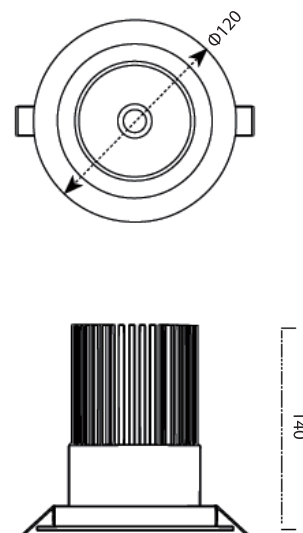


Faros

01

- Indoor or outdoor recessed LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium electrostatically polyester powder coated white.
- Other colours available upon request.
- Luminaire heat sink in die cast aluminium.
- Based on Bridgelux V13 COB CRI90.
- Anodized Pure Aluminium-Dip coated LED reflector.
- For ceiling thickness from 8mm to 18mm.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	2607	2607
Max Input (mA)	500 DC	700 DC
Source Power (W)	17,5	25,3
Lumen Source (lm)	2658/2764	3600/3744
Lumen Luminaire (lm)	2126/2211	2880/2995
CCT (K)	3000/4000	3000/4000
Beams	60°	60°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	140	140
Weight (Kg)	0,76	0,76

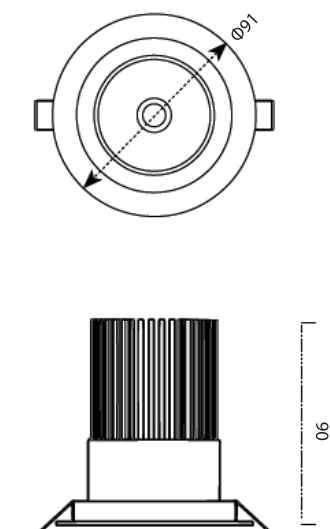


Midi Faros

01

- Indoor or outdoor recessed LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium electrostatically polyester powder coated white. Available upon request in other colours.
- Luminaire heat sink in die cast aluminium.
- Clear glass diffuser.
- Based on Bridgelux V13 CON CRI90.
- Anodized Pure Aluminium-Dip coated LED reflector.
- For ceiling thickness from 8mm to 18mm.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	2609	2609
Max Input (mA)	350 DC	500 DC
Source Power (W)	12,5	17
Lumen Source (lm)	1861/1935	2658/2764
Lumen Luminaire (lm)	1488/1548	2126/2211
CCT (K)	3000/4000	3000/4000
Beams	60°	60°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	100	100
Weight (Kg)	0,375	0,375



Mini Faros

01

- Indoor or outdoor recessed LED downlight.
- Luminaire housing with ceiling trim in diecast aluminium electrostatically polyester powder coated white. Available upon request in other colours.
- Luminaire heat sink in die cast aluminium.
- Clear glass diffuser.
- Based on Bridgelux V8 COB CRI90.
- Anodized Pure Aluminium-Dip coated LED reflector.
- For ceiling thickness from 8mm to 18mm.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.
- EMERGENCY VERSION UPON REQUEST.

CODE	2606	2606
Max Input (mA)	350 DC	500 DC
Source Power (W)	6,1	8,9
Lumen Source (lm)	908/945	1261/1311
Lumen Luminaire (lm)	726/756	1009/1049
CCT (K)	3000/4000	3000/4000
Beams	40°	40°
CRI	≥ 90	≥ 90
Cut Out Ø (mm)	75	75
Weight (Kg)	0,375	0,375



2580



2571



2570



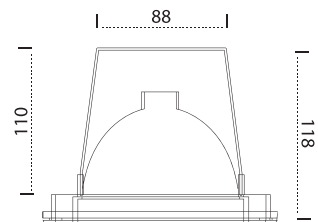
2560



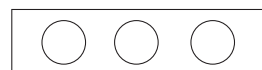
2565



2564



2565/2



2565/3

Morfeas LED

01 03 26

- Recessed directional downlight for QR-LP 111 LED lamp.
- Recessed mounting for false ceiling.
- Tiltable 0-45°.
- Mounting plate made of steel sheet powder coated and polycarbonate ring.
- Mounting plates to be ordered separately.
- Range of filters and honey-comb louver to be ordered separately.
- Required spot housing plate: 2563, 2564 or 2565.

CODE	4435
Lamp Power Max (w)	100W
Lamp Type	QR-LP 111 LED
Diameter (mm)	145

CODE ACCESSORIES		Dimensions (mm)	Cur Out (mm)
2580	CERAMIX - Gypsum Plate	220 x 220	220 x 220
2570	PLATO DUAL - Metal Plate	170 x 522	170 x 522
2571	PLATO SINGLE - Metal Plate	170 x 170	170 x 170
2563	PLATO SQUARE - Metal Plate	250 x 250	220 x 220
2564	PLATO SQUARE - Metal Plate	165 x 165	145 x 145
2565	PLATO SQUARE - Metal Plate	200 x 200	185 x 185
2560	PLATO ROUND - Metal Plate	217	190
2565/2	PLATO SQUARE - Metal Plate	200 x 420	185 x 390
2565/3	PLATO SQUARE - Metal Plate	200 x 620	185 x 185

FOR ACCESSORIES DETAILS SEE PAGES 168-169



TISSERIE & FOOD TO GO

FROZEN GOODS

FRESH & CHILLED

BABY
KAPNOYUZLU
EYBOIAZ
0.90
To Kilo

FRUITCHIPS

CANTUCCINI
TOSCANI

firefly

firefly

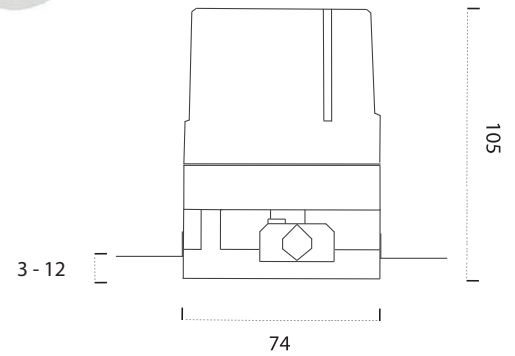
firefly

firefly

firefly

firefly

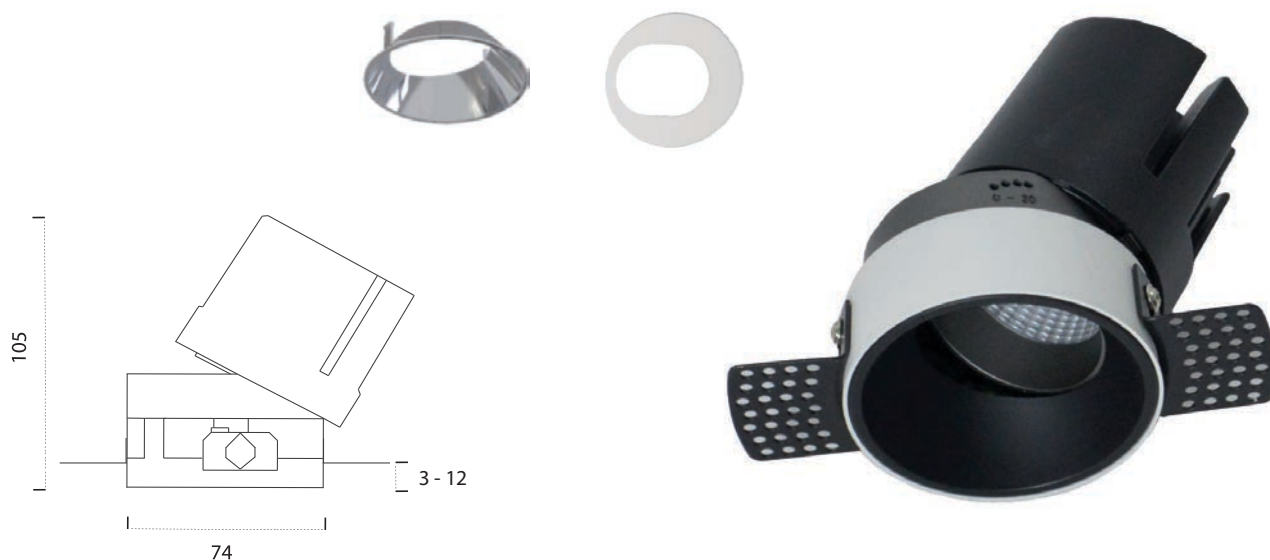
firefly



Trimless Downlight

- Round frameless fixed indoor ceiling recessed LED downlight.
- Body made of aluminium, electrostatically polyester powder coated.
- To be supplied with secondary reflector in white color (/WH), black color (/BL) , or chrome (/CH).
- Based on Bridgelux V8 COB LED Gen 7 USA.
- Luminaire life time > 50,000 hours at 80% luminous flux.
- LED driver to be ordered separately.

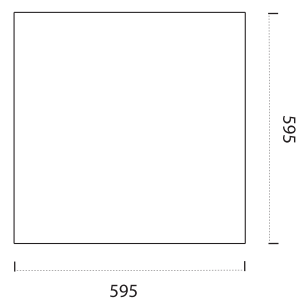
CODE	2910	2910
Max Input (mA)	350 DC	500 DC
Source Power (W)	6,1	8,9
Lumen Source (lm)	727/757/811	1009/1051/1126
Lumen Luminaire (lm)	582/606/649	807/841/901
CCT (K)	2700/3000/4000	2700/3000/4000
Beams	38°	38°
CRI	90	90
Dimension (mm)	Ø85 x H105	Ø85 x H105
Weight (Kg)	0,25	0,25



Trimless Adjustable

- Round frameless fixed indoor ceiling recessed LED downlight.
- Body made of aluminium, electrostatically polyester powder coated.
- To be supplied with secondary reflector in white color (/WH), black color (/BL), or chrome (/CH).
- Based on Bridgelux V8 COB LED Gen 7 USA.
- Luminaire life time > 50,000 hours at 80% luminous flux.
- LED driver to be ordered separately.

CODE	2911	2911
Max Input (mA)	350 DC	500 DC
Source Power (W)	6,1	8,9
Lumen Source (lm)	727/757/811	1009/1051/1126
Lumen Luminaire (lm)	582/606/649	807/841/901
CCT (K)	2700/3000/4000	2700/3000/4000
Beams	38°	38°
CRI	90	90
Dimension (mm)	Ø85 x H105	Ø85 x H105
Weight (Kg)	0,25	0,25

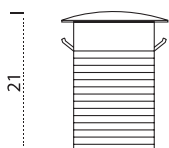
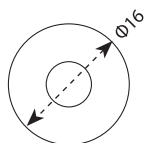


PL-6060-BL Backlit Panel

- Square recessed backlit luminaire made of cold rolled steel.
- White epoxy polyester powder coating.
- SMD 2835 LED.
- No LGP, never yellowing.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non dimmable LED driver included.
- Other driver options available.

CODE	PL-6060-BL
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Power (W)	40W
Lumen Luminaire (lm)	4800
CCT (K)	4000
CRI	≥ 80
UGR	< 22
Dimension (mm)	595 x 595 x 30
Weight (Kg)	1,70

CODE ACCESSORIES
52713 Surface Mount Frame

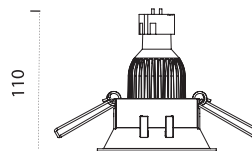
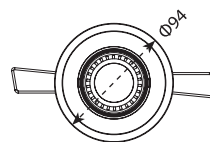


Point

01

- Indoor ceiling recessed LED downlight.
- Body made of die-cast aluminium electrostatically polyester powder coated.
- Clear protection polycarbonate diffuser.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver to be ordered separately.

CODE	POINT
Max Input (mA)	350 DC
Source Power (W)	1
Lumen Source (lm)	120
Lumen Luminaire (lm)	100
CCT (K)	3000
CRI	≥ 80
Cut Out Ø (mm)	13
Weight (Kg)	0,04

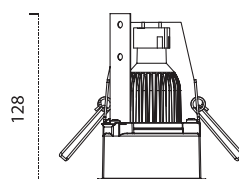
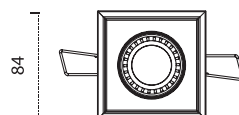


Virgo Round GU10

01

- Indoor ceiling recessed mounted adjustable downlight, for GU10 lamp.
- Body made of diecast aluminium electrostatically polyester powder coated white.
- Very small trim, 5mm visible, known as "senni-trimless".
- Deep metallic trim works as secondary reflector, with a "dark light" effect.
- Tilttable +/-20°.
- Other colours available upon request.

CODE	9166R
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Lamp Power (W)	50
Lampholder	GU10
Cut Out Ø (mm)	85

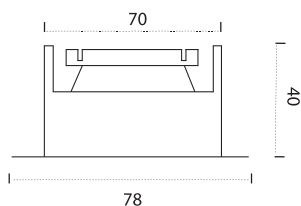


Virgo Square GU10

01

- Indoor ceiling recessed mounted downlight, for GU10 lamp.
- Body made of diecast aluminium electrostatically polyester powder coated white.
- Very small trim, 6mm visible, known as "semi-trimless".
- Deep metallic trim works as secondary reflector, with a "dark light" effect.
- Other colours available upon request.

CODE	9167SQ
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Lamp Power (W)	50
Lampholder	GU10
Cut Out Ø (mm)	78 x 78

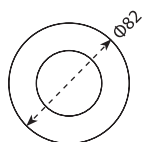


2005

01 03

- Fixed downlights made from diecast aluminium.
- Lampholders GU10 or Gx5,3 available for MR 16 lamps 12 Volts, LED or Fluorescent lamps.
- Colors available white/chrome, white/gold, black/black.

CODE	2005
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Lamp Power (W)	50
Lampholder	GU10
Cut Out Ø (mm)	70



2006

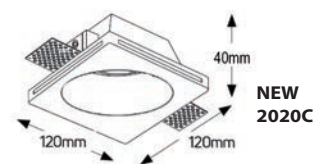
01 50

- Recessed fixed downlights made from diecast aluminium.
- Lampholders GU10 or Gx5,3 available for MR 16 lamps 12 Volts, LED or Fluorescent lamps.
- Frosted glass cover and silicone ceiling gasket.

CODE	2006
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Lamp Power (W)	50
Lampholder	GU10
Cut Out Ø (mm)	70



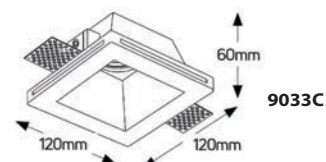
NEW
2020C



NEW
2020C



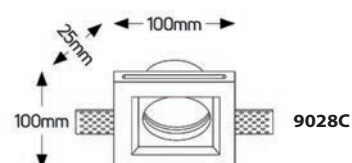
9033C



9033C



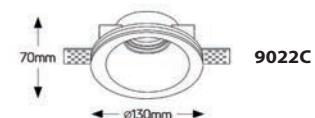
9028C



9028C



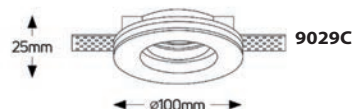
9022C



9022C



9029C



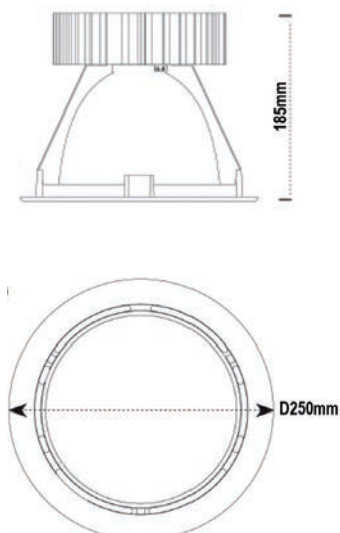
9029C

Ceramix

- Recessed frameless spotlight for GU10 bulbs
- Installation on plasterboard ceiling
- Made of gypsum material.
- Complete with stainless steel bulb holder and GU10 bulb socket.

CODE	2020C	9033C	9028C	9022C	9029C
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240
Lamp Power (W)	35W	35W	35W	35W	35W
Lampholder	GU10	GU10	GU10	GU10	GU10
Cut Out Ø (mm)	120x120x100	120x120x100	100x100x90	D130xD130	D100x80

***Minimum height including GU10 bulb and plasterboard.



Ilios LED XL



- Recessed high output LED downlight.
- Luminaire body made of die cast aluminum.
- Heatsink made of extruded aluminum.
- Clear or frosted protection tempered glass.
- Based on Tridonic COB LED 21mm (3000, 4000K)
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED CC driver to be ordered separately.

CODE	2049	2049	2049
Max Input (mA)	1400 DC	1600 DC	1800 DC
Source Power (W)	48,6	56,2	63,8
Lumen Source (lm)	7020	7916	8813
Lumen luminaire (lm)	5616	6333	7050
CCT (K)	3000	3000	3000
Beam	70°	70°	70°
CRI	> 80	> 80	> 80
Cut Out Ø (mm)	225	225	225
Weight (Kg)	1,685	1,685	1,685



MADONNA

MADONNA MADONNA MADONNA

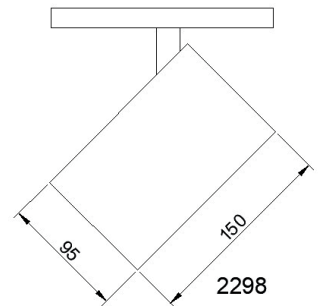
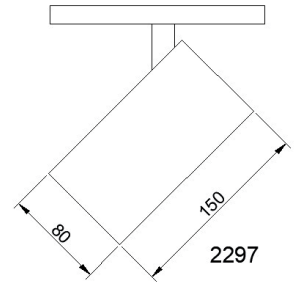
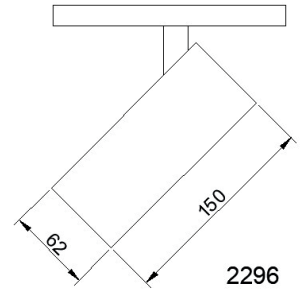
25

RETURN CARTS

Tracks and Wall light

pages 122 - 137

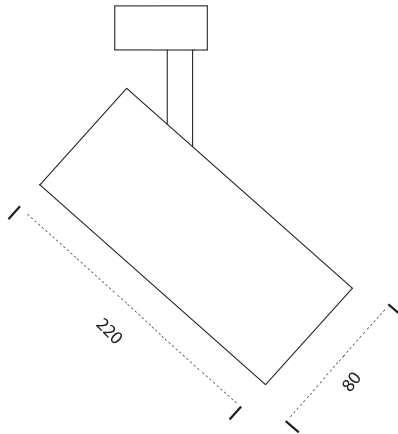
04



Target LED

- Indoor track LED spotlight.
- Clear protection polycarbonate cover, silicon rubber gaskets .
- 3-circuit track adaptor.
- Bridgelux V10, V13 LED COB seis CRI90.
- Alunova® LED reflector with spherical faces.
- Aluminum parts electrostatically polyester powder coated in white or Black.
- Passive cooling.
- Spotlight rotatable 350° head tiltable 0-90°.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Available with On/Off, DALI or Phase-cut intrack driver.

CODE	2296	2297	2298
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Source Power (W)	12,5	22	33
System Power (W)	13	24	36
Lumen Source (lm)	1765	3178	5000
Lumen luminaire (lm)	1625	3019	4650
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	40°	40°	40°
CRI	>90	>90	>90
Dimensions(mm)	D62H150	D80H150	D95H150
Weight (Kg)	0,50	0,60	0,85

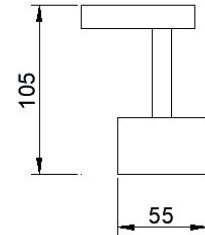
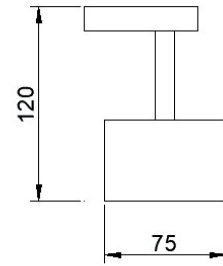


Pictor LED

01

- Indoor track LED spotlight.
- Clear protection glass, silicon rubber gaskets and stainless steel screws.
- 3-circuit track adaptor.
- Alunova® LED reflector with spherical faces.
- Aluminium parts electrostatically polyester powder coated in white.
- Passive cooling.
- Spotlight rotatable 350° head tiltable 0-90°.
- CRI 90.
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	2197
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Source Power (W)	22
System Power (W)	25
Lumen Source (lm)	3015/3195
Lumen Luminaire (lm)	2110/2235
CCT (K)	3000/4000
Beams	40°
CRI	>90
Weight (Kg)	1,45



Pico LED

03

- Indoor track LED spotlight.
- Clear polycarbonate lens 20° with exceptional UGR characteristics (UGR<16)
- 3-circuit track adaptor.
- AC dimmable LED COB series CRI90.
- Aluminum parts electrostatically polyester powder coated in white or Black.
- Passive cooling.
- Spotlight rotatable 350° head tiltable 0-90°.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Dimmable (phase-cut) on board driver included.
- 3 years Warranty.

CODE	22921	22922
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
System Power (W)	8	12
Lumen luminaire (lm)	880	1200
CCT (K)	3000	3000
Beams	20°	20°
CRI	>90	>90
Dimensions(mm)	D55H35	D75H50
Weight (Kg)	0,15	0,25

THE GREEN ROOM

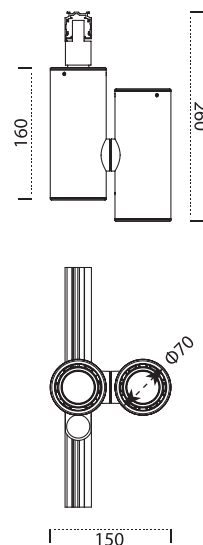
BEYOND THE MUG

ARTISANAL

ECLECTIC

FRESH



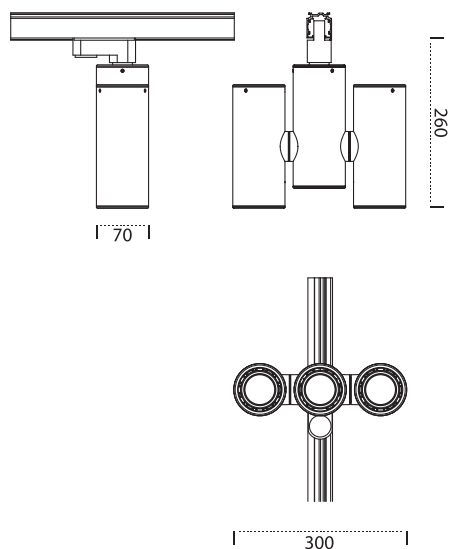


Cylinder 7-A3 Mono

01 03 26

- Indoor Led spotlight. Body made of extruded aluminium and diecast parts.
- Galvanised metal internal elements.
- Clear glued protection glass.
- Reflector made of aluminium coated Polycarbonate with protective lacquer.
- Based on Bridgelux V10 LED.
- CRI 90 available upon request.
- Phase cut dimmable LED driver (made in Europe) included as standard, other drivers / dimming possibilities available on request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Also available in surface version (wall / ceiling).

CODE	1118/13°	1118/28°	1118/48°
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Source Power (W)	12,6	12,6	12,6
System Power (W)	13,2	13,2	13,2
Lumen Source (lm)	1811/1865	1811/1865	1811/1865
Lumen Luminaire (lm)	1449/1492	1449/1492	1449/1492
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	13°	28°	48°
CRI	≥ 80	≥ 80	≥ 80
Weight (Kg)	1,15	1,15	1,15

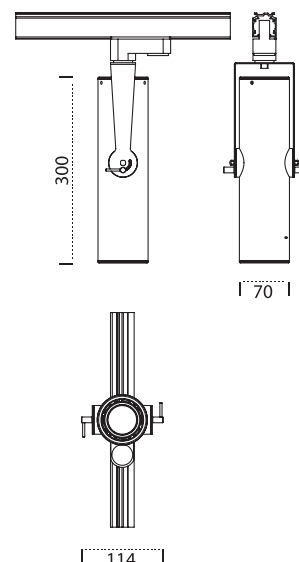


Cylinder 7-A3 Double

01 03 26

- Indoor Led spotlight. Body made of extruded aluminium and diecast parts.
- Galvanised metal internal elements.
- Clear glued protection glass.
- Reflector made of aluminium coated Polycarbonate with protective lacquer.
- Based on Bridgelux V10 LED.
- CRI 90 available upon request.
- Phase cut dimmable LED driver (made in Europe) included as standard, other drivers / dimming possibilities available on request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Also available in surface version (wall / ceiling).

CODE	1119/13°	1119/28°	1119/48°
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (v)	220-240	220-240	220-240
Source Power (w)	2 x 12,6	2 x 12,6	2 x 12,6
System Power (w)	2 x 13,2	2 x 13,2	2 x 13,2
Lumen Source (lm)	1811/1865	1811/1865	1811/1865
Lumen Luminaire (lm)	1449/1492	1449/1492	1449/1492
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	13°	28°	48°
CRI	≥ 80	≥ 80	≥ 80
Weight (Kg)	1,25	1,25	1,25

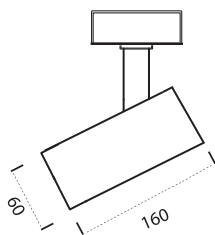


Cylinder 7-A3 One Tube

01 03 26

- Indoor Led spotlight. Body made of extruded aluminium and diecast parts.
- Galvanised metal internal elements.
- Clear glued protection glass.
- Reflector made of aluminium coated Polycarbonate with protective lacquer.
- Based on Bridgelux V10 LED.
- CRI 90 available upon request.
- Phase cut dimmable LED driver (made in Europe) included as standard, other drivers / dimming possibilities available on request.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Also available in surface version (wall / ceiling).

CODE	1113/13°	1113/28°	1113/48°
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (v)	220-240	220-240	220-240
Source Power (w)	12,6	12,6	12,6
System Power (w)	13,2	13,2	13,2
Lumen Source (lm)	1811/1865	1811/1865	1811/1865
Lumen Luminaire (lm)	1449/1492	1449/1492	1449/1492
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	13°	28°	48°
CRI	≥ 80	≥ 80	≥ 80
Weight (Kg)	1,1	1,1	1,1



1129W



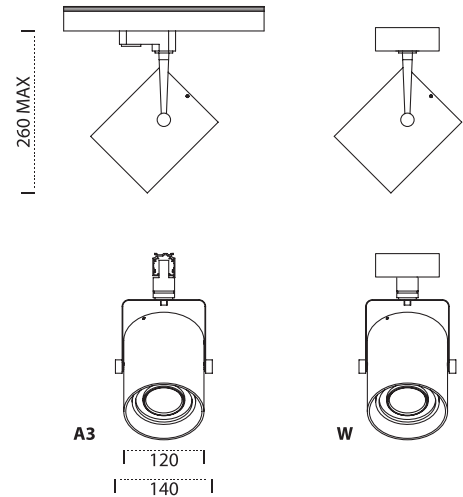
1129A3

1129

01 03

- Spotlight for ceiling(W) or 3-circuit track(A3).
- Body made of aluminium powder coated.
- Spotlight rotatable 360°, tiltable 0-90°.

CODE	1129W	1129A3
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Lamp Power (W)	50	50
Lampholder	GU10	GU10
Dimension (mm)	Ø60 x 160	Ø60 x 160

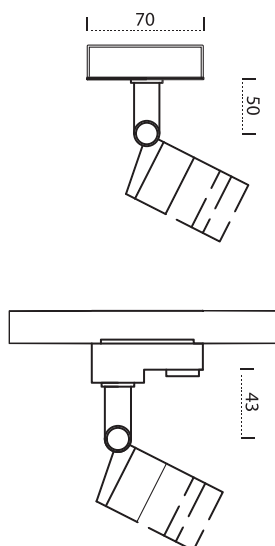


Cylinder 12 Track

01 03 26

- Indoor wall or track mounted spotlight for AR111, G53 base or Par30, E27base LED lamps.
- AR111, G53 base includes a non dimmable 20W 12VDC LED driver to cover all needs of 12V G53 base LED lamps.
- Available in track version (-A3) and wall mounted with base version (-W).
- Body made of extruded and diecast aluminium electrostatically polyester powder coated.
- Steel sheet arm painted same color as the body.
- Chrome plated brass hand screws for tool free adjustment.

CODE	1131/A3 or W	1120/A3 or W
Frequency (Hz)	50/60	50/60
Main Voltage (v)	220-240	220-240
Lamp Type	PAR30-E27	AR111-G53
Weight (Kg)	1,45	1,45



4153



4150

Polyspot

01 03 26

EKKPEMOTHTA

- Spotlight for halogen or LED lamps GU10, PAR, ESD 111.
- 3-circuit track adaptor (A3) or base for wall/ceiling fixation (W).
- Body made of extruded aluminium powder coated, polycarbonate parts and steel sheet base.
- Spotlight rotatable 360° head tiltable 0-90°.

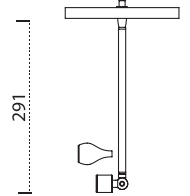
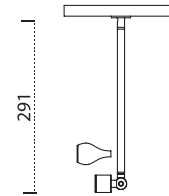
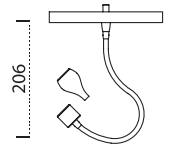
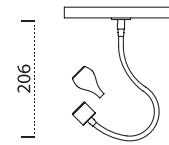
CODE	4150	4151	4152	4153
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Max Watt (W)	100	50	100	75
Lamp Type	E27 PAR30	E27 PAR20	GZ10	GU10
Weight (Kg)				



STARLIGHT



DROP



9200



9201



9202



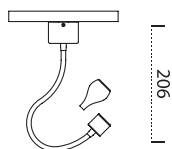
9203

Mauro

01 03 26

- Indoor surface mounted LED spotlight
- Spotlight Body made of machined aluminium to optimize heat dissipation.
- Different bases are available. Option for spiral or rod bracket.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- CRI 90 available upon request
- LED Driver to be ordered separately.
- Luminaire life time > 50,000 hours at 70% luminous flux.

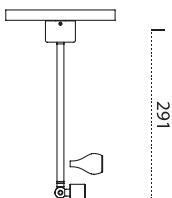
CODE	9200	9201	9202	9203
Max Input (mA)	700 DC	700 DC	700 DC	700 DC
Source Power (W)	2,1	2,1	2,1	2,1
Lumen Source (lm)	280	280	280	280
Lumen Luminaire (lm)	224	224	224	224
CCT (K)	3000	3000	3000	3000
Beams	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Weight (Kg)	0,24	0,24	0,24	0,24



STARLIGHT



DROP



9205



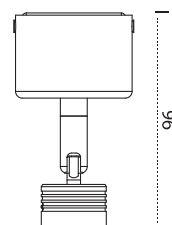
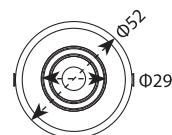
9204

Mauro

01 03 26

- Indoor surface mounted LED spotlight.
- Spotlight Body made of machined aluminium to optimize heat dissipation.
- Different bases are available. Option for spiral or rod bracket.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- CRI 90 available upon request.
- LED Driver included.
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	9204	9205
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	2,1	2,1
System Power (W)	2,2	2,2
Lumen Source (lm)	280	280
Lumen Luminaire (lm)	224	224
CCT (K)	3000	3000
Beams	14°, 28°, 44° & 14° + 48°	14°, 28°, 44° & 14° + 48°
CRI	≥ 80	≥ 80
Weight (Kg)	0,24	0,24



Starlight Surface

01 03 26

- Indoor wall / ceiling surface mounted LED spotlight.
- Base made of metal sheet. Body made of machined aluminium to optimize heat dissipation.
- Brass fixing joint included that allows setting the orientation of the spot.
- No visible cables, as they are running through the joint.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- CRI 90 upon request.
- Non dimmable driver included in the base of the luminaire.
- Luminaire life time > 50,000 hours at 70% luminous flux. Tilttable: 90°.

CODE	9014
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Source Power (W)	2,1
System Power (W)	2,2
Lumen Source (lm)	280
Lumen Luminaire (lm)	224
CCT (K)	3000
Beams	14°, 28°, 44° & 14° + 48°
CRI	≥ 80
Weight (Kg)	0,38



Eurostandard Track

- 3-Circuit Main Voltage Track in extruded aluminium. Main Voltage 220-240V.
- Electrical Wiring is located in an Extruded PVC insulated housing.

CODE	Dimensions (mm)	Weight (kg)
2284	33 x 1000 x 33	0,77
2283	33 x 2000 x 33	1,54
2282	33 x 3000 x 33	2,36

CODE FOR RECESSED	Dimensions (mm)	C/O Dimensions (mm)	Weight (kg)
2094/1	58 x 1000 x 33	33 x 1000 x 33	0,86
2094/2	58 x 2000 x 33	33 x 2000 x 33	1,72
2094/3	58 x 3000 x 33	33 x 3000 x 33	2,58

ACCESSORIES CODE	
2095	Right Feeder for Power for Surface track
2097	Concealed Connector (electrical)
2103	Flexible Corner Connector
2241	Right Feeder for Power for Recessed track
2104	End Cap
2269	Eurostandard Adaptor
4047	Suspension cable with Power supply.
4048	Suspension cable without Power supply.



2095



2097



2241



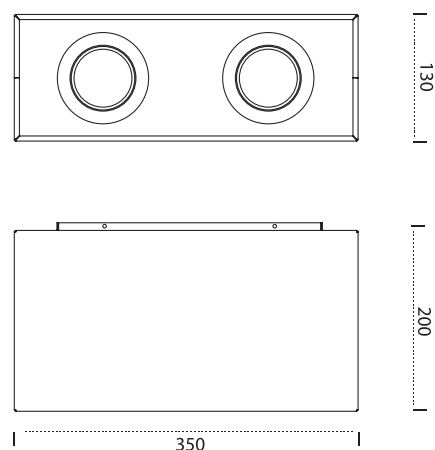
2104



Ceiling and Suspended

pages 138 - 159

05

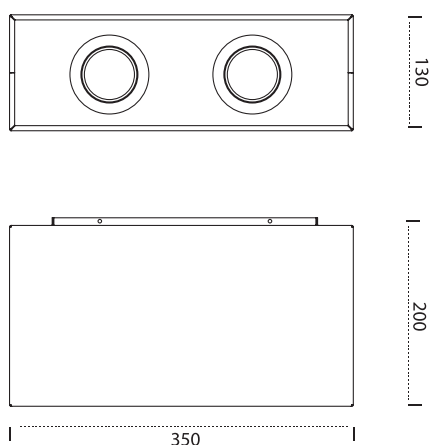


Asterion Double LED

01 03 26

- Surface mounted adjustable LED downlight.
- Tilttable +/-15deg.
- Luminaire made of steel-sheet and spots made of aluminium, powder coated.
- Luminaire heat sink made of extruded aluminium.
- Based on Bridgelux V13 CoB LED.
- Highly efficient passive cooling system with large surface on top of luminaire for heat management.
- CRI 90 upon request.
- Alunova® LED reflector.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver included.

CODE	9180	9181
Frequency (Hz)	50/60	50/60
Main Voltage (v)	220-240	220-240
Source Power (w)	35	50,6
System Power (w)	36,8	53,1
Lumen Source (lm)	5316/5528	7200/7488
Lumen Luminaire (lm)	4252/4422	5760/5990
CCT (K)	3000/4000	3000/4000
Beams	16°, 24°, 41°	16°, 24°, 41°
CRI	≥ 80	≥ 80
Weight (Kg)	4,27	4,27

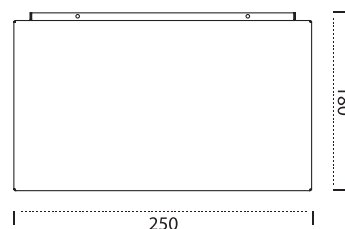
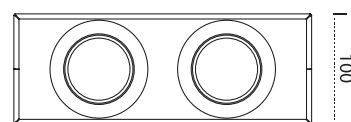


Mini Asterion Double LED

01 03 26

- Surface mounted adjustable LED downlight.
- Tilttable +/-15deg.
- Luminaire made of steel-sheet and spots made of aluminium, powder coated.
- Luminaire heat sink made of extruded aluminium.
- Based on Bridgelux V10 CoB LED.
- Highly efficient passive cooling system with large surface on top of luminaire for heat management.
- CRI 90 upon request.
- Alunova® LED reflector.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver included.

CODE	9182	9183
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	17,4	25,2
System Power (W)	18,3	26,5
Lumen Source (lm)	2646/2726	3622/3730
Lumen Luminaire (lm)	2116/2182	2898/2984
CCT (K)	3000/4000	3000/4000
Beams	16°, 24°, 41°	16°, 24°, 41°
CRI	≥ 80	≥ 80
Weight (Kg)	3,46	3,46

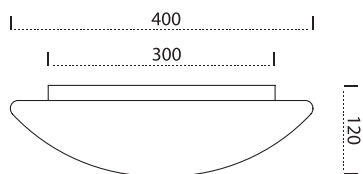


Orion LED

01 03 26

- Surface mounted LED downlight.
- Luminaire made of steel-sheet and spots made of aluminium, powder coated.
- Luminaire heat sink made of extruded aluminium.
- Based on Bridgelux V10 CoB LED.
- Highly efficient passive cooling system with large surface on top of luminaire for heat management.
- CRI 90 upon request.
- Reflector made of aluminium coated PC with protective lacquer.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- LED driver included.

CODE	2170	2171
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	2 x 8,7	2 x 12,6
System Power (W)	2 x 9,1	2 x 13,2
Lumen Source (lm)	2646/2726	3622/3730
Lumen Luminaire (lm)	2116/2182	2898/2984
CCT (K)	3000/4000	3000/4000
Beams	13°, 28°, 48°	13°, 28°, 48°
CRI	≥ 80	≥ 80
Weight (Kg)	2,58	2,58

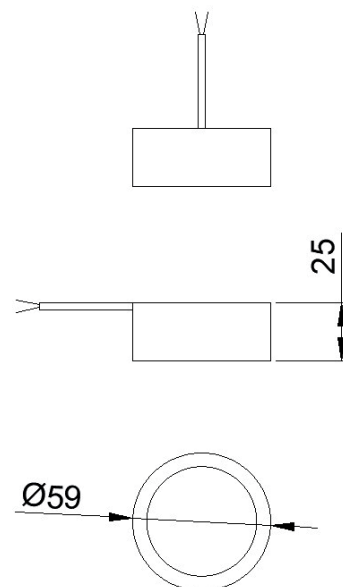


Jesolo LED

01

- Surface mounted luminaire.
- Base made in steel sheet.
- Triplex opal satin glass diffuser.
- Equipped with osram PrevaLED module with integrated driver.
- Warm White 3000K or Neutral White 4000K.
- Colour rendering index ≥ 85 .
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	6076
Frequency (Hz)	50/60
Main Voltage (V)	220-240
Source Power (W)	21
System Power (W)	22
Lumen Source (lm)	2300/2500
Lumen Luminaire (lm)	1840/2000
CCT (K)	3000/4000
CRI	≥ 80
Diameter (mm)	400
Weight (Kg)	2,4

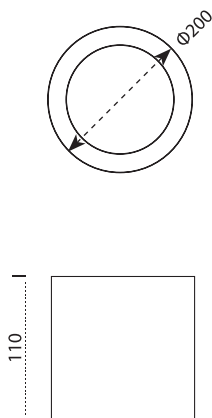


Hapee

01 03 26

- Indoor surface/ ceiling LED downlight.
- Luminaire body made of machined aluminum electrostatically powder coated.
- Cover made of 6mm sandblasted polycarbonate.
- Nichia LED mounted on metal core PCB (MCPCB). 2700K-3000K-4000K.
- Luminaire lifetime > 50,000 hours at 70% luminous flux.
- LED CC driver to be ordered separately.
- S indicates cable on the side of the fixture
- C indicates cable on the center of the back of the fixture

CODE	1105C	1105C	1105S	1105S
Max Input (mA)	350 DC	700 DC	350 DC	700 DC
Source Power (W)	1,05	2,1	1,05	2,1
Lumen Source (lm)	110	230	110	230
Lumen luminaire (lm)	88	180	88	180
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000
Beams	120°	120°	120°	120°
CRI	≥ 80	≥ 80	≥ 80	≥ 80
Weight (Kg)	0,1	0,1	0,1	0,1

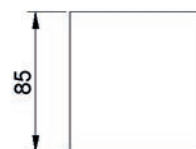
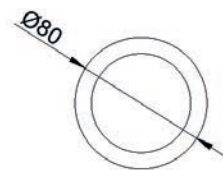


Tholos Ceiling

01 03 26

- Indoor and outdoor ceiling LED.
- Luminaire core made of high quality diecast aluminium.
- Luminaire outer case made of steel sheet.
- Electrostatic polyester powder coated.
- Polycarbonate textured diffuser screen and silicone ring.
- Uses Samsung LEDs. Driven at max 700mA .
- CRI 90 upon request
- LED driver included.
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	6230C	6231C
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	16	25
System Power (W)	16,8	26,3
Lumen Source (lm)	2056/2139	3063/3185
Lumen Luminaire (lm)	1645/1711	2450/2548
CCT (K)	3000/4000	3000/4000
Beams	90°	90°
CRI	≥ 80	≥ 80
Weight (Kg)	1	1



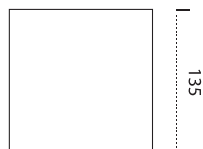
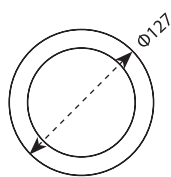
Rode Mini

01

03

- Indoor ceiling surface mounted or suspended LED luminaire.
- Body made of die cast aluminum.
- Polyester powder coated white or black.
- Clear protection glass.
- Based on Bridgelux V8.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non dimmable HEP LED driver included. Phase-cut Dimmable driver available upon request.

CODE	9180	9181
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	6,1	8,9
System Power (W)	7	10
Drivern @ (mA)	350	500
Lumen Source (lm)	908/945	1261/1311
Lumen Luminaire (lm)	726/756	1009/1049
CCT (K)	3000/4000	3000/4000
Beam	38°	38°
CRI	≥80	≥80
Weight (Kg)	0,35	0,35

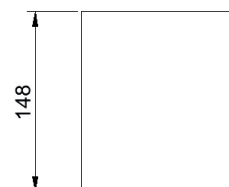
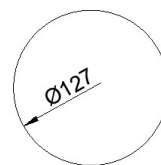


Rode

01

- Indoor ceiling surface mounted LED luminaire.
- Body made of die cast aluminium. Polyester powder coated white.
- Clear protection glass.
- Based on Bridgelux V13 COB CRI90.
- Non dimmable Tridonic LED driver included.
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	9184	9186
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Power (W)	17,5	25,3
Lumen Source (lm)	2658/2674	3600/3744
Lumen Luminaire (lm)	2126/2211	2880/2995
CCT (K)	2700/3000/4000	2700/3000/4000
Beams	50°	50°
CRI	≥ 90	≥ 90
Weight (Kg)	1,0	1,0



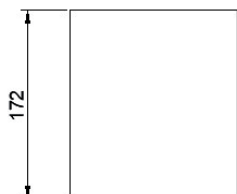
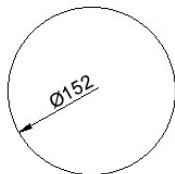
Rode IP65

01 03

- Indoor or outdoor ceiling surface mounted LED luminaire.
- Body made of die cast aluminum.
- Polyester powder coated white or black.
- Clear protection tempered glass and silicone rings ensure IP65 protection in the front of the fixture.
- Based on Bridgelux V13 Gen8, available in CCT 2700/3000/4000K.
- Non dimmable LED driver included.
- Luminaire life time > 50,000 hours at 70% luminous flux.

*This product is only produced upon request (MOQ applied).

CODE	SPEC	9184IP	9186IP
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Source Power (W)	12,5	17,5	25,3
System Power (W)	13,2	18,4	26,7
Driven @ (mA)	350	500	700
Lumen Source (lm)	1898/1910	2658/2674	3600/3744
Lumen luminaire (lm)	1510/1530	2126/2211	2880/2995
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	50°	50°	50°
CRI	>90	>90	>90
Weight (Kg)	1,10	1,10	1,10



Rodé Max

01 03

- Indoor ceiling surface mounted or suspended LED luminaire.
- Body made of die cast aluminum.
- Polyester powder coated white or black.
- Clear protection glass.
- Based on Tridonic Tridonic SLE G7 15mm, available in CCT 2700/3000/4000K.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Non dimmable driver included. Dali or 1-10V dimming available upon request

CODE	91841	91842	91843
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Source Power (W)	31,5	22	33
System Power (W)	33	39	45
Driven @ (mA)	900	1050	1200
Lumen Source (lm)	5080/5250	5815/5970	6550/6720
Lumen luminaire (lm)	4062/4176	4652/4776	5240/5376
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	60°	60°	60°
CRI	>90	>90	>90
Weight (Kg)	1,40	1,40	1,40



WINE

SPIRIT

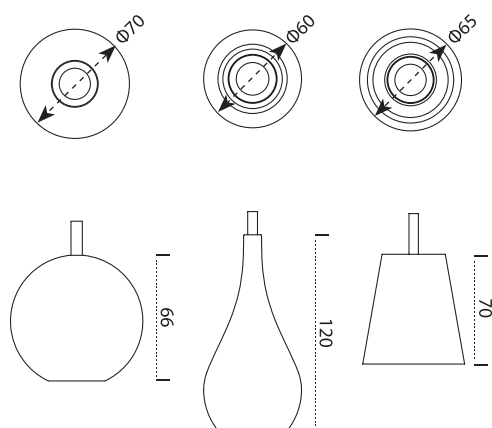
PASSION

oak

PARKER

CYRUS ONE

CYRUS ONE



Starlight Pendant



- Indoor LED pendant luminaire.
- Full luminaire made of machined aluminium to optimize heat dissipation.
- Anodized finish satin chrome.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- CRI 90 upon request.
- Provided with 1,20 meters of transparent cable and ceiling base.
- LED driver included in ceiling base.
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	3600 CONE	3601 DROP	3602 SPHERE
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Source Power (W)	2,1	2,1	2,1
System Power (W)	2,2	2,2	2,2
Lumen Source (lm)	280	280	280
Lumen Luminaire (lm)	224	224	224
CCT (K)	3000	3000	3000
Beams	14°, 28°, 44°	14°, 28°, 44°	14°, 28°, 44°
CRI	≥ 80	≥ 80	≥ 80
Weight (Kg)	1,4	1,4	1,4

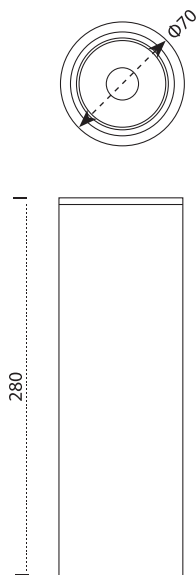


Stick

22 03

- Indoor pendant accent LED luminaire.
- Body and front ring made of machined aluminium to optimize heat dissipation.
- Nichia LED mounted on metal core PCB (MCPCB) 2700K, 3000K, 4000K.
- CRI 90 upon request. - LED driver included.
- Luminaire life time > 50,000 hours at 70% luminous flux.
- Colours: Anodized aluminium or anodized black.

CODE	6250	6251	6252
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Source Power (W)	2,1	2,1	2,1
System Power (W)	2,2	2,2	2,2
Lumen Source (lm)	280	280	280
Lumen Luminaire (lm)	224	224	224
CCT (K)	3000	3000	3000
Beams	14°, 28°, 48°	14°, 28°, 48°	14°, 28°, 48°
CRI	≥ 80	≥ 80	≥ 80
Height (mm)	300	500	700
Weight (Kg)	0,41	0,51	0,65



1113 C



1113 S

Cylinder LED 7C / 7S



- Indoor ceiling surface mounted and pendant LED luminaire.
- Luminaire housing and heatsink made from extruded aluminium.
- Diecast aluminium end caps. Galvanised metal internal elements.
- Clear glued protection glass.
- Reflector made of aluminium. Body powder coated. Polycarbonate protective cover.
- Based on Bridgelux V10.
- CRI 90 upon request.
- Phase cut dimmable LED driver (made in Europe) included as standard, other drivers / dimming possibilities available on request.

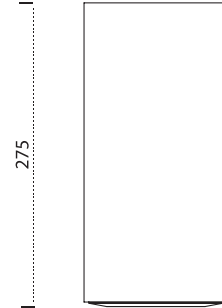
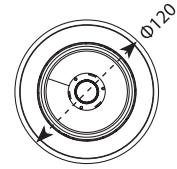
CODE	1113C	1113S
Frequency (Hz)	50/60	50/60
Main Voltage (V)	220-240	220-240
Source Power (W)	12,6	12,6
System Power (W)	13,2	13,2
Lumen Source (lm)	1811/1865	1811/1865
Lumen Luminaire (lm)	1449/1492	1449/1492
CCT (K)	3000/4000	3000/4000
Beams	13°, 28°, 48°	13°, 28°, 48°
CRI	≥ 80	≥ 80
Weight (Kg)	1,1	1,1



9171 S



9171 C

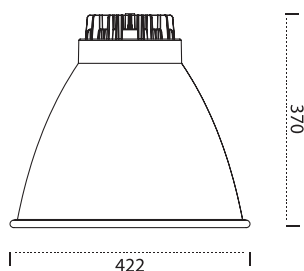


Cylinder Asterion LED

01 03 26

- Ceiling mounted or suspended interior light fixture.
- Body made of aluminium, powder painted, with clear protection glass.
- Led Bridgelux V13.
- CRI 90 upon request.
- Alunova LED reflector.
- Passive cooling (no moving parts).
- LED driver included .
- Luminaire lifetime > 50,000 hours at 70% luminous flux.

CODE	9171C 9171S	9172C 9172S	9173C 9173S	9175C 9175S	9176C 9176S	9177C 9177S
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Main Voltage (v)	220-240	220-240	220-240	220-240	220-240	220-240
Source Power (w)	17,5	17,5	17,5	25,3	25,3	25,3
System Power (w)	18,4	18,4	18,4	26,6	26,6	26,6
Lumen Source (lm)	2658/2764	2658/2764	2658/2764	3600/3744	3600/3744	3600/3744
Lumen Luminaire (lm)	2126/2211	2126/2211	2126/2211	2880/2995	2880/2995	2880/2995
CCT (K)	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Beams	16°	24°	41°	16°	24°	41°
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Weight (Kg)	3,2	3,2	3,2	3,2	3,2	3,2



Tholos High Bay LED

01 03

- Indoor and outdoor ceiling pendant LED high bay.
- Full luminaire made of high quality die-cast aluminium.
- Electrostatic polyester powder coated.
- Clear polycarbonate textured diffused screen and silicone ring.
- Galvanized steel springs.
- Equipped with SAMSUNG LEDs.
- CRI 90 upon request.
- LED driver included.
- Luminaire life time > 50,000 hours at 70% luminous flux.

CODE	6230HB	6231HB	6232HB
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Source Power (W)	16	25	33
System Power (W)	16,8	26,3	34,7
Lumen Source (lm)	2056/2139	3063/3185	4086/4250
Lumen Luminaire (lm)	1645/1711	2450/2548	3269/3400
CCT (K)	3000/4000	3000/4000	3000/4000
Beams	90°	90°	90°
CRI	≥ 80	≥ 80	≥ 80
Weight (Kg)	0,95	0,95	0,95

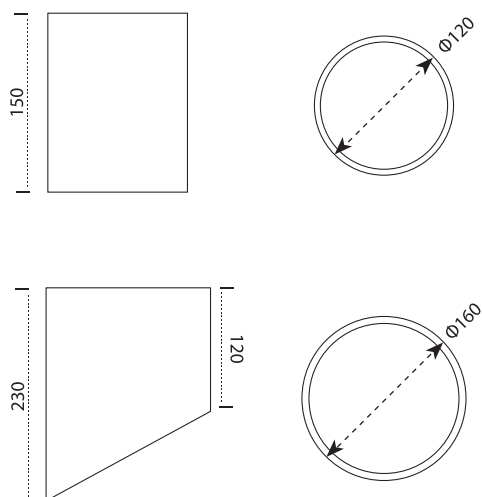


Cylinder 7C & 7S

01 03 26

- Indoor ceiling mounted and pendant luminaire for GU10 or E27 type lamps.
- High quality extruded aluminium profile, 3mm thick.
- Electrostatic polyester powder coated.
- Ceiling mounted and suspended.

CODE	1110/C	1111/C	1112/C	1114/S	1115/S	1117/S
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240
Lamp type	GU10	GU10	E27 PAR20	GU10	E27 PAR20	E27 PAR20
Height (mm)	90	110	130	300	400	600
Weight (Kg)	0,26	0,26	0,34	1	1,3	2



1120-1131/C



1641

Cylinder 12C / 16C

01 03 26

CYLINDER 12C

- Indoor ceiling mounted luminaire for AR111, G53 base or Par30, E27 base LED lamps.
- Body made of extruded aluminium electrostatically polyester powder coated.
- AR111, G53 base includes a non dimmable 20W 12VDC LED driver to cover all needs of 12V G53 base LED lamps.
- Par30, E27 version does not include any driver.

CYLINDER 16C

- Indoor ceiling adjustable luminaire for AR111, G53 base LED lamps.
- Body made of extruded aluminium, electrostatic polyester powder coated.
- AR111, G53 base includes a non dimmable 20W 12VDC LED driver to cover all needs of 12V G53 base LED lamps.

CODE	1120/C	1131/C	1641
Frequency (Hz)	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240
Lamp Type	AR111 G53	E27 PAR30	AR111 G53
Weight (Kg)	0,61	0,61	0,61



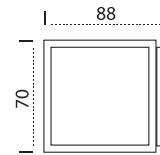
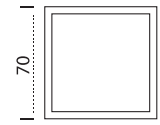
1322/S



1320/C



1324/W



Tetragon 7C / 7S

01 03 26

- Indoor ceiling mounted or pendant luminaire for GU10 type lamps.
- High quality extruded aluminium profile, 3mm thick.
- Electrostatic polyester powder coated.

CODE	1320/C	1322/C	1322/S	1324/W
Frequency (Hz)	50/60	50/60	50/60	50/60
Main Voltage (V)	220-240	220-240	220-240	220-240
Lamp Type	GU10	GU10	GU10	GU10
Height (mm)	80	300	300	80
Weight (Kg)	0,28	0,91	0,91	0,91



Αναλώσιμα



είο

Μπαταρίες

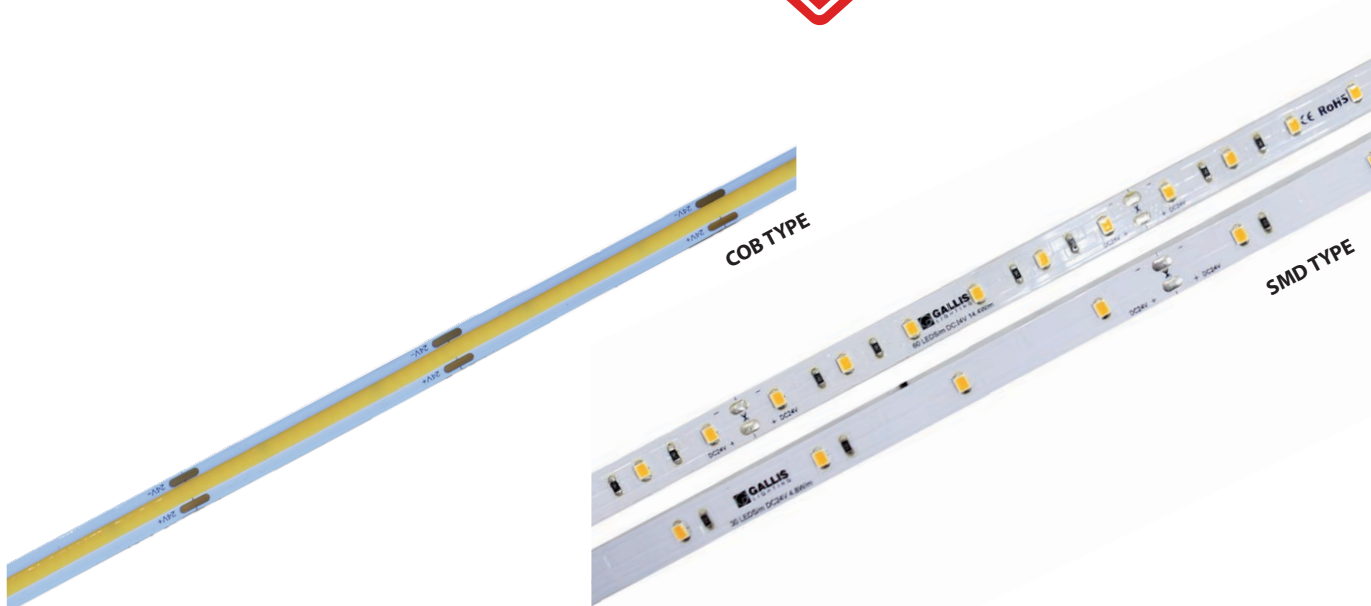


Ταμείο

LED Tape

pages 162 - 163

06

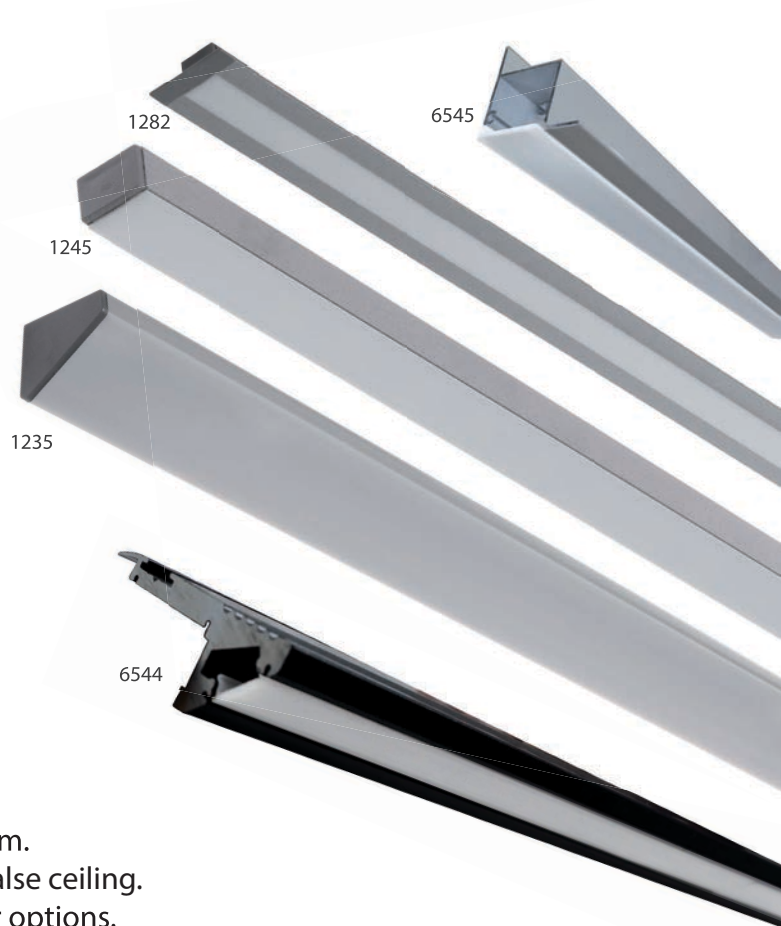
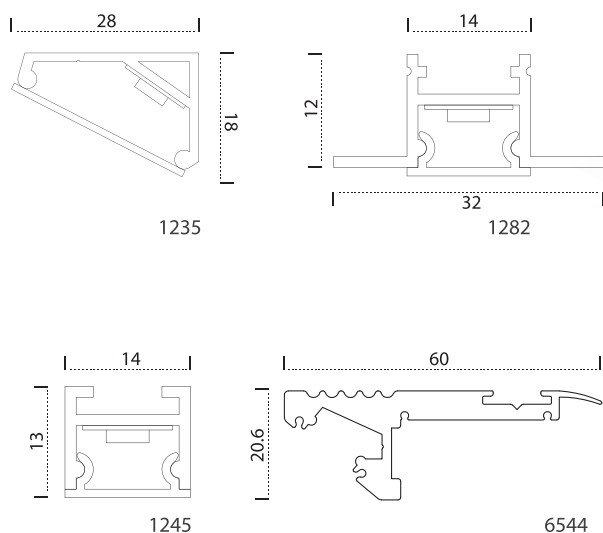


LED Tape

- High efficiency flexible LED tape.
- Easy integration - installation with various aluminium profiles (MICROLINE).
- Available in extra warm white (2700K), warm white(3000K) and cold white (4000K).
- Dimmable (depending on driver) via phase cut, 1-10V, Dali. Suitable for Constant Voltage 24V drivers.
- Max run length 5000mm.
- Product Warranty 5 years or 50.000h.
- ONE BIN ONLY, 3-STEP MacAdam (No colour difference between LED's).
- LED driver to be ordered separately.
- IP versions upon request

CODE	SKU	CCT (k)	Vin	W/m	Led/m	Lm/m	CRI	IP	CUT (mm)	LENGTH (mm)	MAX WIDTH (mm)	TYPE
7820G	39378	2700	24Vdc	4,8	60	500	>90	20	100	5000	8	SMD
7820G	39381	2700	24Vdc	4,8	60	500	>90	67	100	5000	12	SMD
7820G	39471	3000	24Vdc	4,8	60	500	>90	20	100	5000	8	SMD
7820G	39393	3000	24Vdc	4,8	60	500	>90	67	100	5000	12	SMD
7820G	39478	4000	24Vdc	4,8	60	500	>90	20	100	5000	8	SMD
7820G	39486	4000	24Vdc	4,8	60	500	>90	67	100	5000	12	SMD
7825G	39380	3000	24Vdc	7,2	30	750	>80	20	200	5000	10	SMD
7825G	39384	3000	24Vdc	7,2	30	750	>80	67	200	5000	14	SMD
7830G	39482	2700	24Vdc	14,4	60	1382	>90	20	100	5000	10	SMD
7830G	39483	2700	24Vdc	14,4	60	1382	>90	67	100	5000	14	SMD
7830G	39472	3000	24Vdc	14,4	60	1382	>90	20	100	5000	10	SMD
7830G	55293	3000	24Vdc	14,4	60	1382	>90	67	100	5000	14	SMD
7830G	39479	4000	24Vdc	14,4	60	1382	>90	20	100	5000	10	SMD
7830G	-	4000	24Vdc	14,4	60	1382	>90	67	100	5000	14	SMD
7845G	55613	2700	24Vdc	10	420	700	>90	20	50	5000	8	COB
7845G	54872	2700	24Vdc	10	420	700	>90	67	50	5000	12	COB
7845G	55613	3000	24Vdc	10	420	800	>90	20	50	5000	8	COB
7845G	54871	3000	24Vdc	10	420	800	>90	67	50	5000	12	COB

CODE	SKU	POWER (W)	Vin	Hz	Vout	IP	Dimensions (mm)
89020	24782	20	220-240	50-60	12	67	20x30x160
89030	37963	30	220-240	50-60	24	67	20x30x190
89060	52589	60	220-240	50-60	24	20	35x80x110
89100	52587	100	220-240	50-60	24	67	25x40x220
89150	52588	150	220-240	50-60	24	20	40x100x160
89240	24822	240	220-240	50-60	24	20	50x115x200

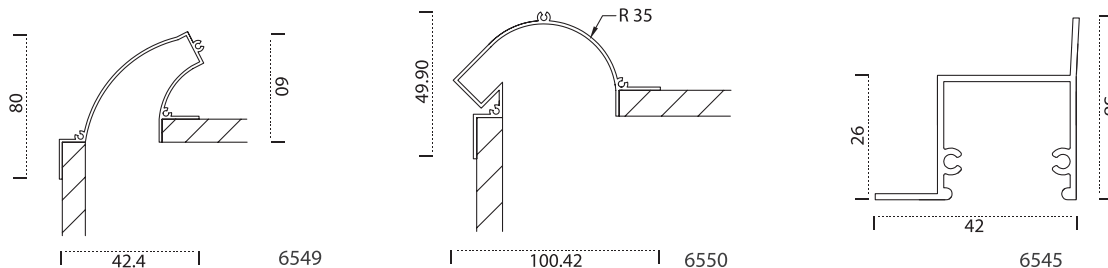


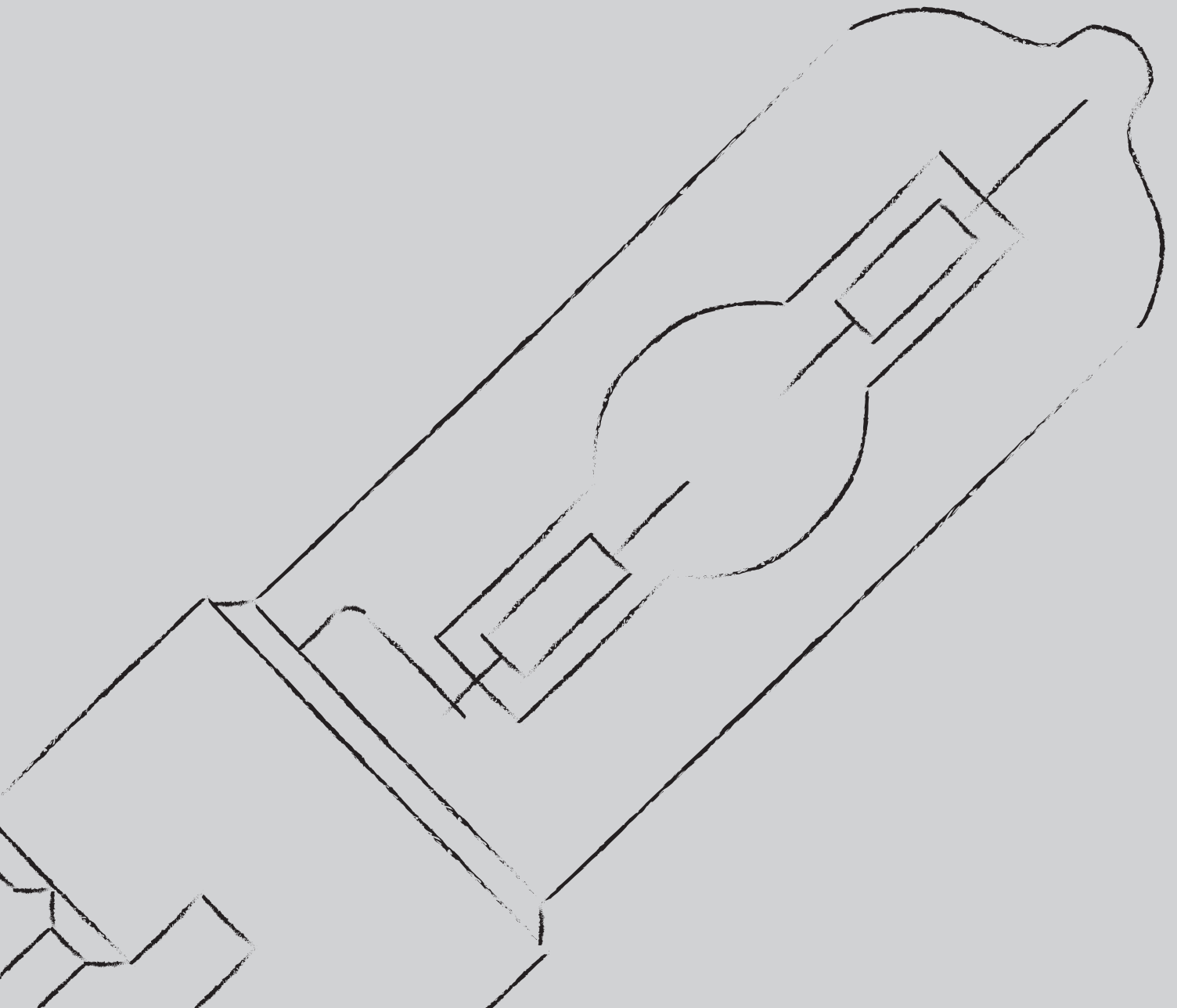
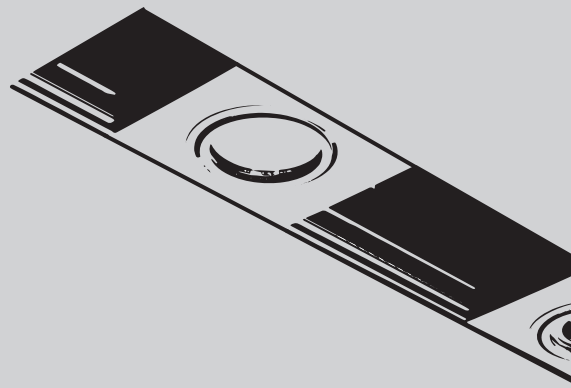
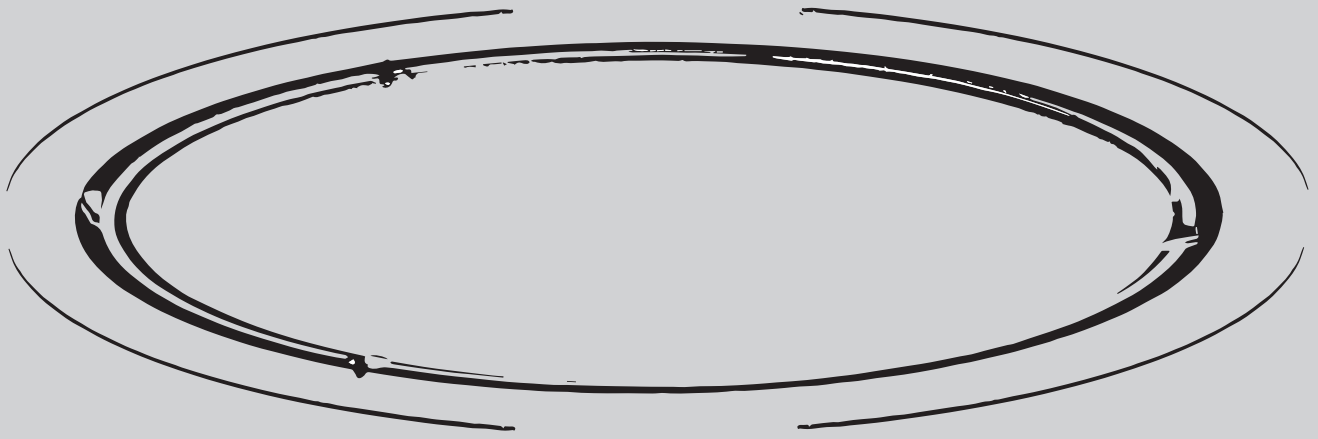
Microline

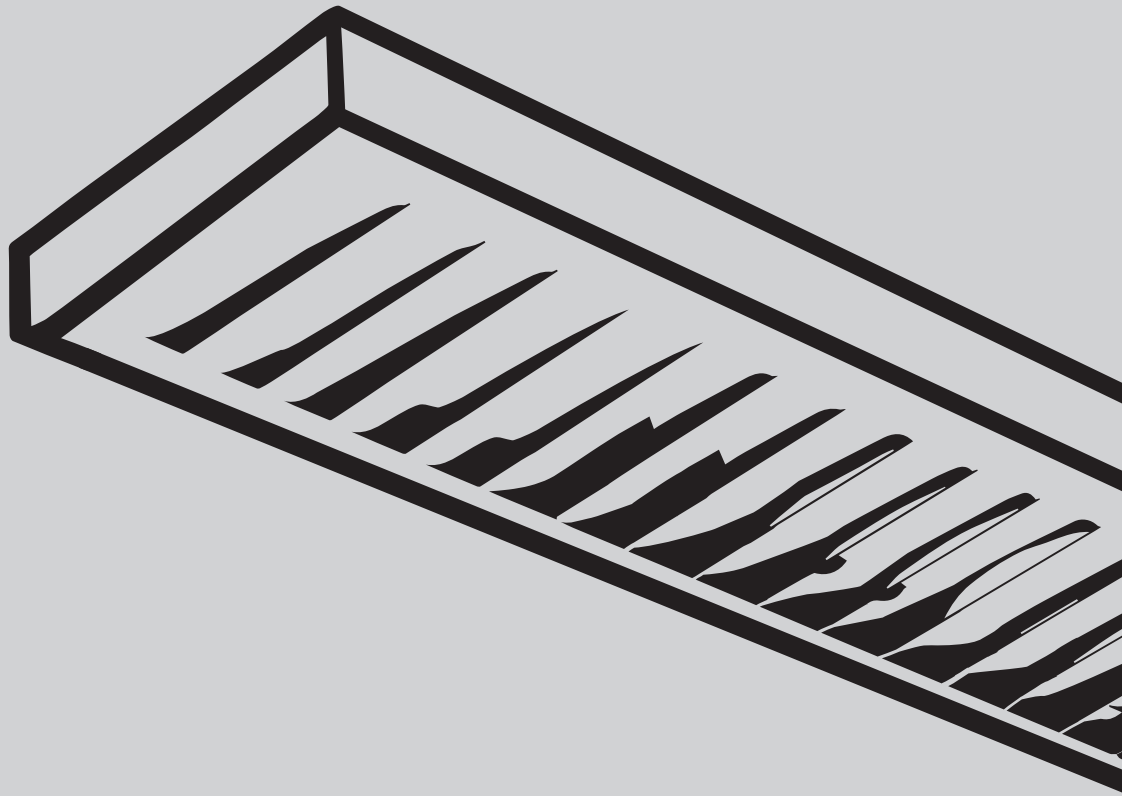
- Profile made of extruded aluminium.
- Surface mounted or recessed for false ceiling.
- Opal or transparent acrylic diffuser options.
- Supplied in 1 m.

CODE	ACCESSORIES	PROFILE	Finish
1245 OP/TR		Microline Square	Powder coated white, black or metallic grey
1235 OP/TR		Microline Triangular	Powder coated white, black or metallic grey
1282 OP/TR		Microline Recessed	Powder coated white, black or metallic grey
6544 OP/TR		Microline Step	Anodized black or metallic natural grey
6545 OP/TR		Microline Edge	Powder coated white, black or metallic grey
6549		Microline Ceiling	
6550		Microline Wall	
1200		Square Linear Connector	
1201		Triangular Linear Connector	

OP: OPAL DIFFUSER
TR: TRANSPARENT ACRYLIC DIFFUSER



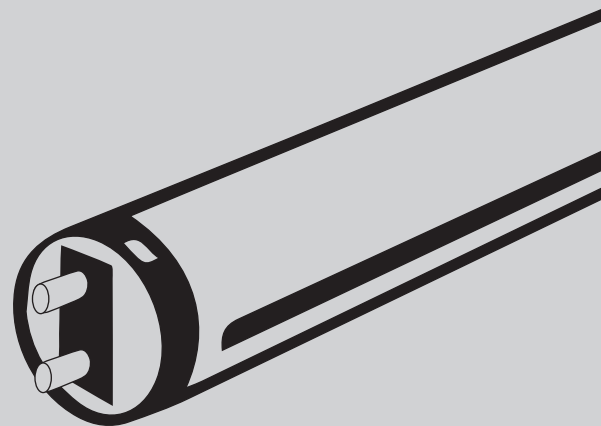


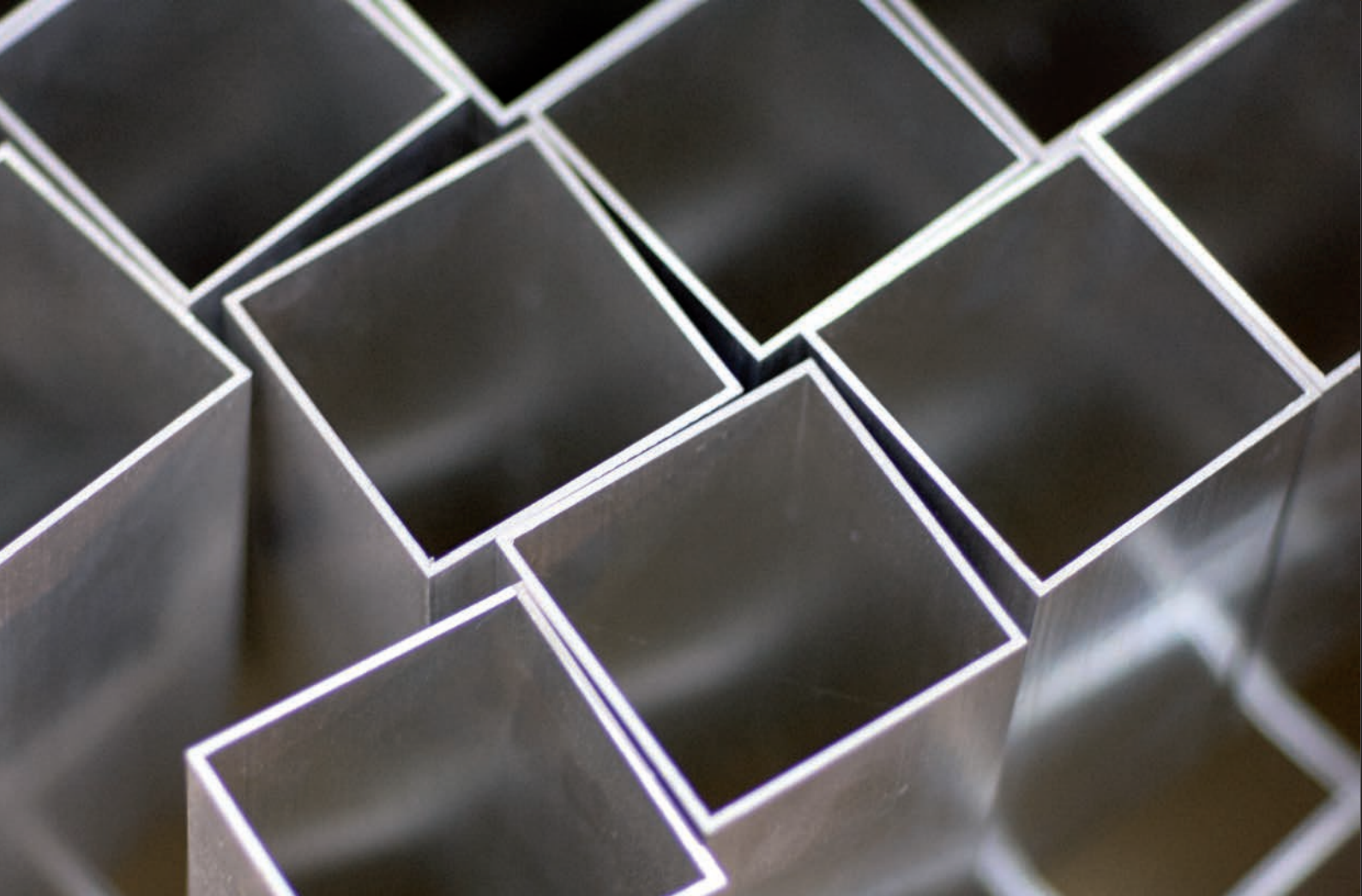


Fluorescent & Metal Halide

With over 40 years of experience in lighting we have mastered our craft of lighting production with **fluorescent, compact fluorescent and metal halide** technologies. As a highly experienced lighting manufacturer we have hundreds of product designs made for the “old” technologies.

If your project requires such solutions please contact us as we might already have what you are looking for.





Accessories

pages 168 - 169

08

Suspensions



Suspension Cable
without Power
Supply Cord

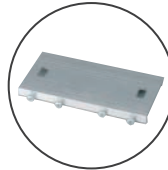
4048
8829
4249



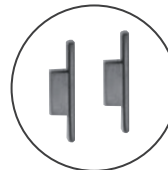
Suspension Cable
with Power Supply
Cord

4047
8828
4248
4046

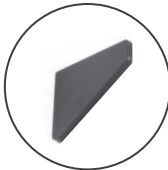
Linear connectors



4540
4055
1225
1028
4503



4503

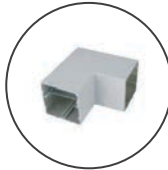


1200

L-Shape



4502



4332

Bracket



3054



3053



3052



BR1



BR2

Linealum
C



Ceiling-wall

Plate



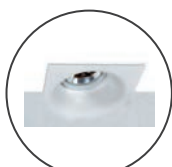
4500



2570



2571



2580



2563



2564

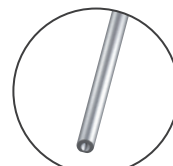


2565

Spike



CO.011



CO.018

IP68 Connection



CO.001
CO.002



CO.003

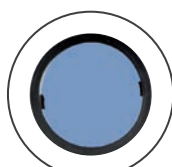


CO.004

Filters

- 0030
- 0031
- 0032
- 0033

Morfeas



Sirius

- 0016
- 0017
- 0018
- 0019



0027
Linear Beam



0057
Corrective Filter 6200K



0056
Red Color Exalt Filter

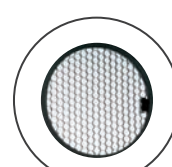


0058
Green Color Exalt Filter

Anti-glare



CO.014
CO.015
Anti-glare snoot



CO.016
CO.017
Anti-glare
honeycomb

Tree strap for Forever



CO.100





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