KNIDOS SURFACE MOUNTED FIXTURES
IP67 IK10

Cover
316L Stainless steel
Outer Body
316L Stainless steel
Inner Body
Glass reinforced polyester
Diffusers
12 mm Tempered Glass
Gaskets
Silicone
Screws
316L Stainless Steel





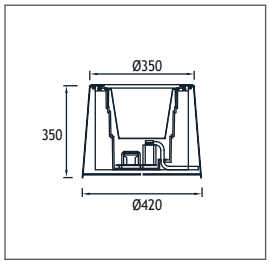
Voltage : 240V A.C with integrated driver (24V AC or DC on request)
Diffuser : 12 mm Clear Glass (Frosted Glass on request)
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Single color LED options upon request are ;
Blue Amber Green Red



Symmetrical

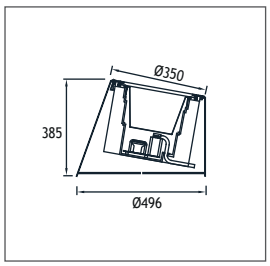




Power	Kelvin	Real Lumen Output	Lens	Code No
9W	2700 K	855 lm	10°,25°,40°	257244
18W	2700 K	1710 lm	10°,25°,40°	257251
9W	3000 K	855 lm	10°,25°,40°	257241
18W	3000 K	1710 lm	10°,25°,40°	257252
9W	4000 K	891 lm	10°,25°,40°	257242
18W	4000 K	1782 lm	10°,25°,40°	257253
9W	6000 K	898 lm	10°,25°,40°	257243
18W	6000 K	1795 lm	10°,25°,40°	257254
35W METAL HALIDE		Gx8,5	10°,40°	257211
70W METAL HALIDE		Gx8,5	10°,40°	257231

Asymmetrical





Power	Kelvin	Real Lumen Output	Lens	Code No
9W	2700 K	855 lm	10°,25°,40°	256304
18W	2700 K	1710 lm	10°,25°,40°	256331
9W	3000 K	855 lm	10°,25°,40°	256301
18W	3000 K	1710 lm	10°,25°,40°	256332
9W	4000 K	891 lm	10°,25°,40°	256302
18W	4000 K	1782 lm	10°,25°,40°	256333
9W	6000 K	898 lm	10°,25°,40°	256303
18W	6000 K	1795 lm	10°,25°,40°	256334
35W METAL HALIDE		Gx8,5	10°,40°	256311
70W METAL HALIDE		Gx8,5	10°,40°	256321

NEPTUN 3

SURFACE MOUNTED FIXTURES
IP65 IK10

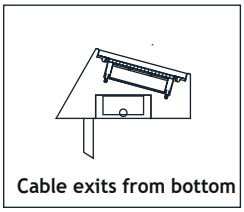
The Neptun Surface Mounted Uplighter is made of die cast aluminium painted with electrostatic powder paint and fixed with 316L stainless steel screws. The fixture can be mounted without harm to any surface and therefore is ideal for protected and historical sites where mounting recessed fixtures is not permitted.

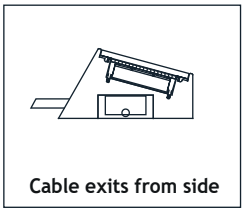


Body
Die cast aluminium
Diffusers
4 mm Tempered Glass
Paint
Electrostatic powder
Gaskets
Silicone
Screws
316L Stainless steel

Voltage : 240V A.C with integrated driver (24V AC or DC on request)
Diffuser : 12 mm Clear Glass (Frosted Glass on request)
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

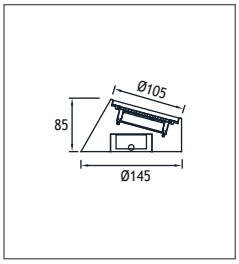
Single color LED options upon request are ;
Blue Amber Green Red



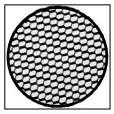


Asymmetrical





Power	Kelvin	Real Lumen Output	Lens	Code No
6W LED	2700 K	570 lm	10°,25°,40°	259005
6W LED	3000 K	570 lm	10°,25°,40°	259001
6W LED	4000 K	580 lm	10°,25°,40°	259002
6W LED	6000 K	592 lm	10°,25°,40°	259003
18W LED	RGB		25°,40°	259004



Honeycomb
Code No: 953523

BELKIS 5

SURFACE MOUNTED FIXTURES
IP67 IK10

The Belkis Surface Mounted Uplighter, completely made of 316L stainless steel is ideal for areas where corrosive agents such as salt water or fertilizers would harm aluminium fixtures. The fixture can be mounted without harm to any surface and therefore is ideal for protected and historical sites where mounting recessed fixtures is not permitted.

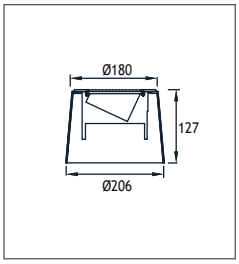


Cover
316L Stainless steel
Outer Body
316L Stainless steel
Inner Body
Die cast aluminium
Diffusers
8 mm Tempered Glass
Gaskets
Silicone
Screws
316L Stainless Steel

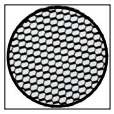
Voltage : 240V A.C with integrated driver
(24V AC or DC on request)
Diffuser : 12 mm Clear Glass (Frosted Glass on request)
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F

Asymmetrical





Power	Kelvin	Real Lumen Output	Lens	Code No
13W COB LED	2700 K	1235 lm	Asymmetrical	333004
13W COB LED	3000 K	1235 lm	Asymmetrical	333001
13W COB LED	4000 K	1259 lm	Asymmetrical	333002
13W COB LED	6000 K	1284 lm	Asymmetrical	333003



Honeycomb
Code No: 953525

EMFA

TEOS SURFACE DRIVE OVER FIXTURES
Load 50 kN | Class I IP67 IK10

EMFA's Teos 3 Surface Drive Over LED Fixture is specially designed to deliver high output LED light to ground surfaces of roads, carparks and pathways. This heavy duty fixture is designed to withstand the weight of large vehicles. Its robust construction allows for a maximum static load of 5000kg. The body and head of the fixture are made of die cast aluminium to withstand the repeated impact of driving vehicles' tires. The high power LEDs are positioned and angled to provide maximum light output. The electronic LED driver is housed in the base of the fixture. The fixture comes with 2 x PG13.5 cable glands and 0.5m cable.

Cover
Die cast aluminium
Body
Die cast aluminium
Gaskets
Silicone
Diffusers
Polycarbonate
Screws
316L Stainless steel
Glands
2 x PG 13.5
Cable
0.5m 3x0,75 mm H05VV-F





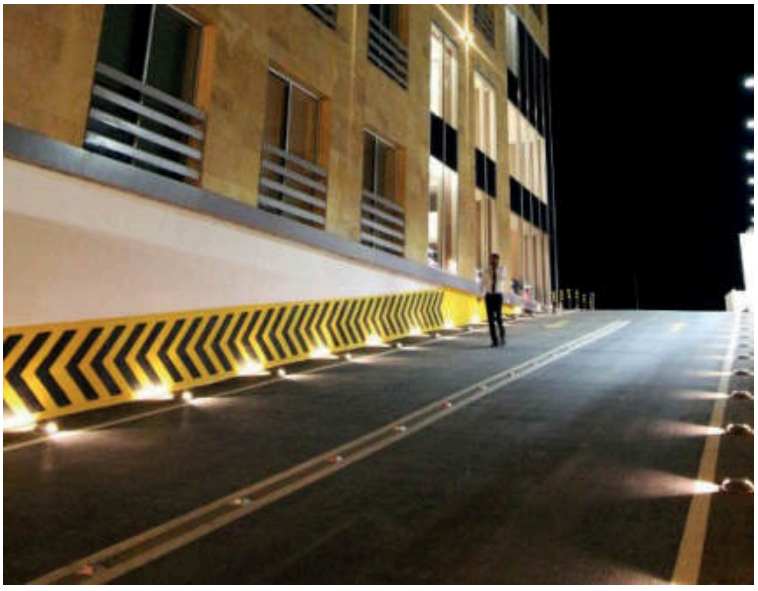






LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

Thermal Management
All fixtures are designed to withstand ambient temperatures of at least 50°C. The LEDs are mounted on metal core pcbs, which are mounted to the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA's laboratory to ensure these values are maintained so that the lifetime of the LED is not compromised.

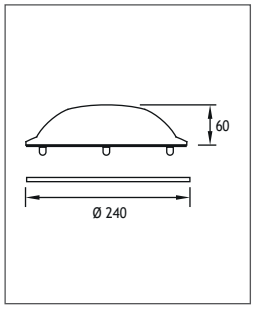


TEOS 3

SURFACE DRIVE OVER FIXTURES
Load 50 kN | Class I IP67 IK10



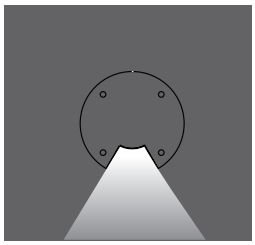




Led : Linear LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : Polycarbonate
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Mono

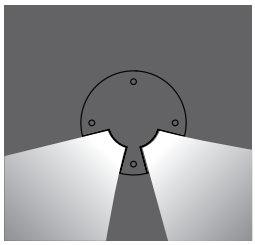




Power	Kelvin	Real Lumen Output	Code No
1x 4W	2700 K	1x 380 lm	180203
1x 4W	3000 K	1x 380 lm	180201
1x 4W	4000 K	1x 380 lm	180202

Duo 1-way

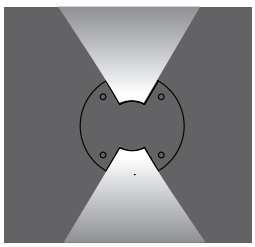




Power	Kelvin	Real Lumen Output	Code No
2x 4W	2700 K	2x 380 lm	180213
2x 4W	3000 K	2x 380 lm	180211
2x 4W	4000 K	2x 380 lm	180212

Duo 2-way

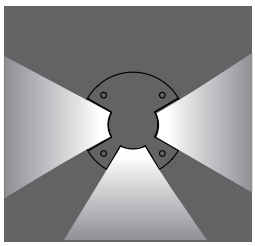




Power	Kelvin	Real Lumen Output	Code No
2x 4W	2700 K	2x 380 lm	180223
2x 4W	3000 K	2x 380 lm	180221
2x 4W	4000 K	2x 380 lm	180222

Trio

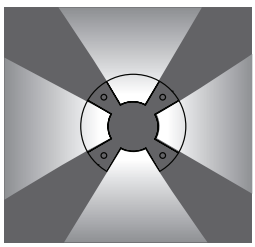




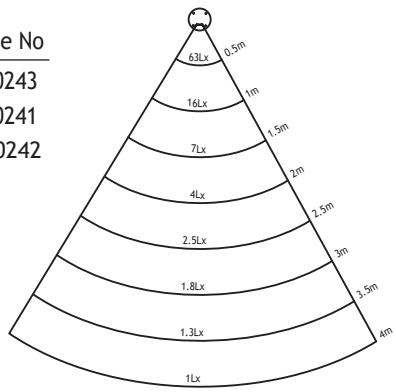
Power	Kelvin	Real Lumen Output	Code No
3x 4W	2700 K	3x 380 lm	180233
3x 4W	3000 K	3x 380 lm	180231
3x 4W	4000 K	3x 380 lm	180232

Quad





Power	Kelvin	Real Lumen Output	Code No
4x 4W	2700 K	4x 380 lm	180243
4x 4W	3000 K	4x 380 lm	180241
4x 4W	4000 K	4x 380 lm	180242



Lux levels for one aperture at 3000K



MIRA SURFACE MOUNTED FIXTURES
Class I IP67 IK10

The Mira series consists of a range of LED, fluorescent and metal halide sources to deliver the desired light effect to facades, columns, bridges, monuments, and signs. The series is made of a die cast aluminium body with electrostatic powder paint finished with a 316L stainless steel cover. The recessed versions are for wall mounting including a stainless steel recessing box. The surface mounted versions come with a heavy-duty 316L stainless steel bracket. The fixtures come with integrated electronic ballasts and a specially developed potted power cable to effectively bond with the cast resin and stop any water ingress. The LEDs used come in 4 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 10 to 40 degrees are available to choose from to achieve the desired light effect.



Cover
316L Stainless steel
Body
Die cast aluminium
Diffusers
12 mm Tempered Glass
Gaskets
Silicone
Screws
316L Stainless steel
Recessing Box
Stainless steel

"Customization" is EMFA's standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 2 finishes of stainless steel, 8 LED colors, 2 wattages, and 5 or more lenses and reflectors are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.



LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

Thermal Management
All fixtures are designed to withstand ambient temperatures of at least 50°C. The LEDs are mounted on metal core pcbs, which are mounted to the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA's laboratory to ensure these values are maintained so that the lifetime of the LED is not compromised.

MIRA SURFACE MOUNTED FIXTURES
Class I IP67 IK10



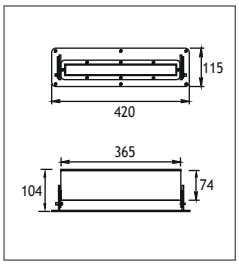


Led : Power LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 12 mm Tempered Glass
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Single color LED options upon request are ;
Blue Amber Green Red

MIRA 1 Short Bracket

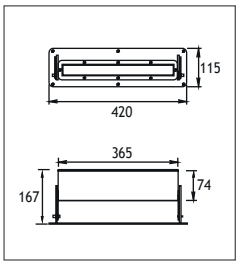




Power	Kelvin	Real Lumen Output	Lens	Code No
12W	2700 K	1140 lm	10°,25°,40°	430202
12W	3000 K	1140 lm	10°,25°,40°	430201
12W	4000 K	1160 lm	10°,25°,40°	430206
12W	6000 K	1185 lm	10°,25°,40°	430207
27W	RGB		25°,40°	430241

MIRA 1 Long Bracket

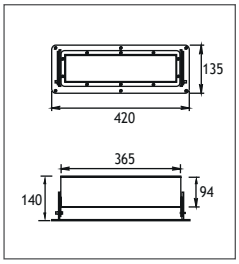




Power	Kelvin	Real Lumen Output	Lens	Code No
12W	2700 K	1140 lm	10°,25°,40°	430312
12W	3000 K	1140 lm	10°,25°,40°	430311
12W	4000 K	1160 lm	10°,25°,40°	430316
12W	6000 K	1185 lm	10°,25°,40°	430317
27W	RGB		25°,40°	430341

MIRA 2 Short Bracket

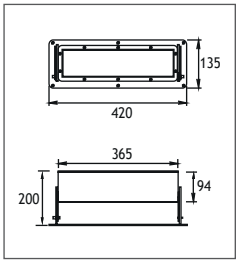




Power	Kelvin	Real Lumen Output	Lens	Code No
36W	2700 K	3420 lm	10°,25°,40°	430802
36W	3000 K	3420 lm	10°,25°,40°	430801
36W	4000 K	3488 lm	10°,25°,40°	430806
36W	6000 K	3557 lm	10°,25°,40°	430807
81W	RGB		25°,40°	430821
70W	METAL HALIDE G12			430841

MIRA 2 Long Bracket





Power	Kelvin	Real Lumen Output	Lens	Code No
36W	2700 K	3420 lm	10°,25°,40°	430902
36W	3000 K	3420 lm	10°,25°,40°	430901
36W	4000 K	3488 lm	10°,25°,40°	430906
36W	6000 K	3557 lm	10°,25°,40°	430907
81W	RGB		25°,40°	430921
70W	METAL HALIDE G12			430941

KARIA

SURFACE MOUNTED FIXTURES
Class I IP67 IK07

Available in these 2 colors

Grey Black

The Karia series consists of a range of LED and fluorescent sources to deliver the desired light effect to facades, columns, bridges, monuments, and signs. The series is made of an anodized extrusion aluminium body with polyamide side covers. Polyamide brackets are used to mount the fixtures. Stainless steel brackets are also available to increase the distance from the mounting surface if necessary. The fixtures come with integrated electronic ballasts. The LEDs used come in 4 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 10 to 40 degrees are available to choose from to achieve the desired light effect.



Body
Anodized Aluminium profile with polyamide 66 side covers
Mounting Brackets
Polyamide 66 (Stainless Steel on request)
Screws
Stainless steel
Diffusers
4 mm Tempered Glass
Gaskets
Silicone
Gland
2 cable Gland for 5-8 mm Ø cable

"Customization" is EMFA's standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 2 finishes of stainless steel, 8 LED colors, 2 wattages, and 5 or more lenses and reflectors are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.



LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

Thermal Management
All fixtures are designed to withstand ambient temperatures of at least 50°C. The LEDs are mounted on metal core pcbs, which are mounted to the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA's laboratory to ensure these values are maintained so that the lifetime of the LED is not compromised.

KARIA

SURFACE MOUNTED FIXTURES
Class I IP67 IK07

Available in these 2 colors

Grey Black

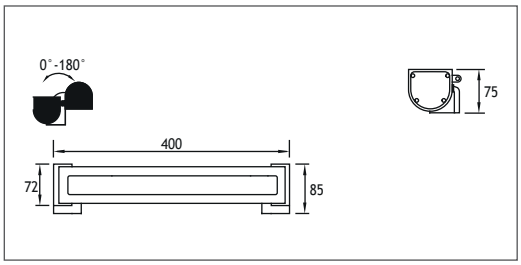


Led : Power LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 4 mm Tempered Glass
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F

Single color LED options upon request are ;
Blue Amber Green Red

Karia 1 400mm

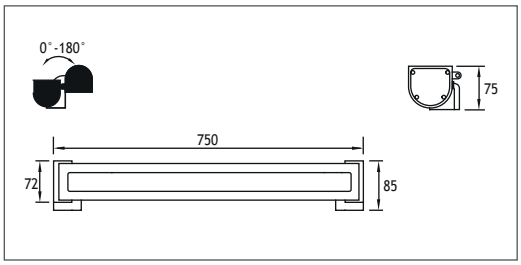




Power	Kelvin	Real Lumen Output	Lens	Code No
12W	2700 K	1140 lm	10°,25°,40°	431102
12W	3000 K	1140 lm	10°,25°,40°	431101
12W	4000 K	1162 lm	10°,25°,40°	431106
12W	6000 K	1186 lm	10°,25°,40°	431107
27W	RGB		25°,40°	431601

Karia 2 750mm

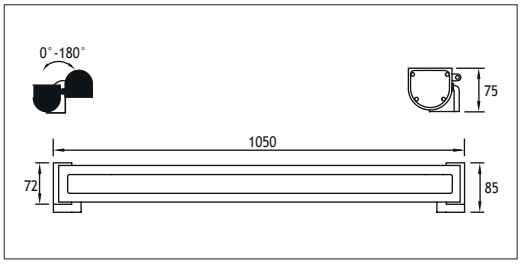




Power	Kelvin	Real Lumen Output	Lens	Code No
24W	2700 K	2280 lm	10°,25°,40°	431202
24W	3000 K	2280 lm	10°,25°,40°	431211
24W	4000 K	2325 lm	10°,25°,40°	431216
24W	6000 K	2372 lm	10°,25°,40°	431217

Karia 3 1050mm





Power	Kelvin	Real Lumen Output	Lens	Code No
36W	2700 K	3420 lm	10°,25°,40°	431244
36W	3000 K	3420 lm	10°,25°,40°	431241
36W	4000 K	3488 lm	10°,25°,40°	431242
36W	6000 K	3558 lm	10°,25°,40°	431243
81W	RGB		25°,40°	431251

SANTA

SURFACE MOUNTED FIXTURES
Class I IP65 IK08

Available in these 2 colors

Grey Black

The Santa series consists of a range of LED and fluorescent sources to deliver the desired light effect to facades, columns, bridges, monuments, and signs. The series is made of an anodized extrusion aluminium body with polyamide side covers. Polyamide brackets are used to mount the fixtures. Stainless steel brackets are also available to increase the distance from the mounting surface if necessary. The fixtures come with integrated electronic ballasts. The LEDs used come in 4 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 10 to 40 degrees are available to choose from to achieve the desired light effect.



Body
Anodized Aluminium profile with polyamide 66 side covers
Mounting Brackets
Stainless Steel on request
Screws
Stainless steel
Diffusers
Acrylic Diffuser
Gaskets
Silicone
Gland
2 cable Gland for 5-8 mm Ø cable

“Customization” is EMFA’s standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 2 finishes of stainless steel, 8 LED colors, 2 wattages, and 5 or more lenses and reflectors are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.

LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

Thermal Management
All fixtures are designed to withstand ambient temperatures of at least 50°C. The LEDs are mounted on metal core pcbs, which are mounted to the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA’s laboratory to ensure these values are maintained so that the lifetime of the LED is not compromised.

SANTA

SURFACE MOUNTED FIXTURES
Class I IP65 IK08

Available in these 2 colors

Grey Black

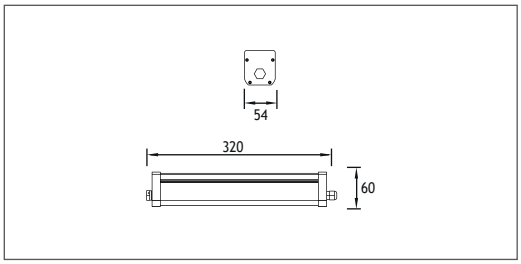


Led : Power LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 8 mm Tempered Glass
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F

Single color LED options upon request are ;
Blue Amber Green Red

Santa 1 320mm

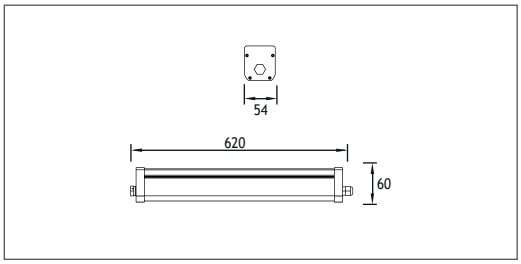




Power	Kelvin	Real Lumen Output	Lens	Code No
12W	2700 K	1140 lm	10°,25°,40°	444001
12W	3000 K	1140 lm	10°,25°,40°	444002
12W	4000 K	1162 lm	10°,25°,40°	444003
12W	6000 K	1186 lm	10°,25°,40°	444004

Santa 2 620mm

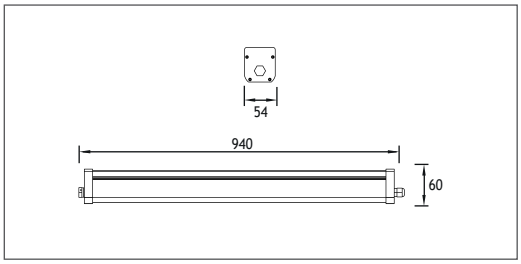




Power	Kelvin	Real Lumen Output	Lens	Code No
24W	2700 K	2280 lm	10°,25°,40°	444101
24W	3000 K	2280 lm	10°,25°,40°	444102
24W	4000 K	2325 lm	10°,25°,40°	444103
24W	6000 K	2372 lm	10°,25°,40°	444104

Santa 3 940mm

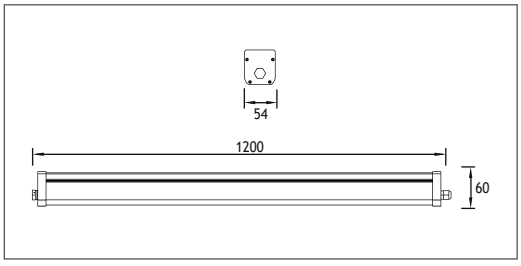




Power	Kelvin	Real Lumen Output	Lens	Code No
36W	2700 K	3420 lm	10°,25°,40°	444201
36W	3000 K	3420 lm	10°,25°,40°	444202
36W	4000 K	3488 lm	10°,25°,40°	444203
36W	6000 K	3558 lm	10°,25°,40°	444204

Santa 4 1200mm





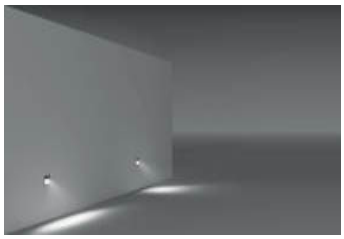
Power	Kelvin	Real Lumen Output	Lens	Code No
48W	2700 K	4560 lm	10°,25°,40°	444301
48W	3000 K	4560 lm	10°,25°,40°	444302
48W	4000 K	4670 lm	10°,25°,40°	444303
48W	6000 K	4780 lm	10°,25°,40°	444304

SLIM PYRAMID

WALL SURFACE FIXTURES
IP65 IK08

Cover & Body
Glass reinforced polyester
Screws
Inox
Gasket
Silicone
Glass
Tempered
Recessing Box
Galvanized steel

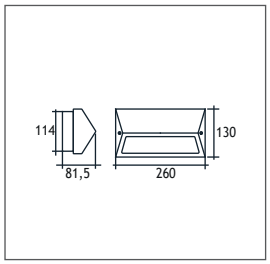




Voltage : 240 VAC with integrated driver (24V AC or DC on request)
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Asymmetrical





Power	Kelvin	Lampholder	Code No
9W	2700 K	LED	503603
9W	3000 K	LED	503601
9W	4000 K	LED	503602
9W	6000 K	LED	503604

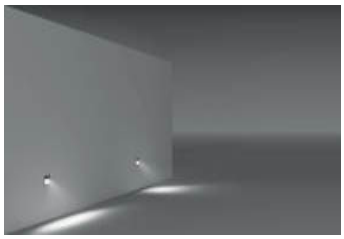
SIDE WALL SURFACE FIXTURES
IP65 IK08

Body
Die Cast Aluminium
Cover
Die Cast Aluminium
Paint
Electrostatic powder paint
Diffuser
Polycarbonate



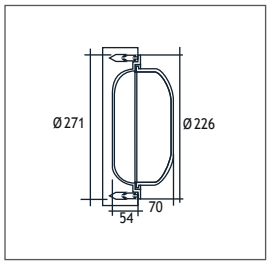


Voltage : 240V A.C with integrated driver (24V AC or DC on request)
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request



Side 1

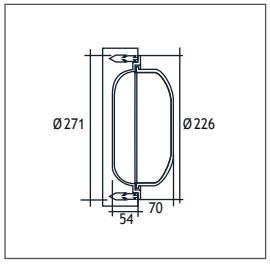




Power	Kelvin	Lampholder	Code No
9W	2700 K	LED	505211
9W	3000 K	LED	505212
9W	4000 K	LED	505213
9W	6000 K	LED	505214
Led Lamp		E27	505201

Side 2

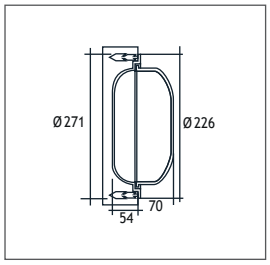




Power	Kelvin	Lampholder	Code No
9W	2700 K	LED	507211
9W	3000 K	LED	507212
9W	4000 K	LED	507213
9W	6000 K	LED	507214
Led Lamp		E27	507201

Side 3





Power	Kelvin	Lampholder	Code No
9W	2700 K	LED	506211
9W	3000 K	LED	506212
9W	4000 K	LED	506213
9W	6000 K	LED	506214
Led Lamp		E27	506201

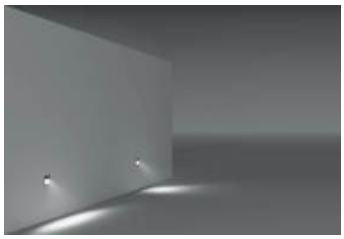
PERGE WALL SURFACE FIXTURES
IP65 IK08

Body
Die Cast Aluminium
Cover
Die Cast Aluminium
Paint
Electrostatic powder paint
Diffuser
Polycarbonate



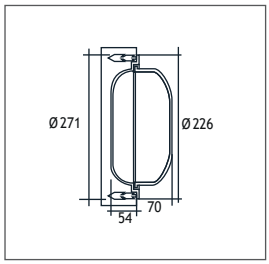


Voltage : 240 VAC with integrated driver (24V AC or DC on request)
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request



Perge 1

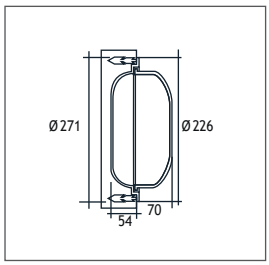




Power	Kelvin	Lampholder	Code No
9W	2700 K	LED	515211
9W	3000 K	LED	515212
9W	4000 K	LED	515213
9W	6000 K	LED	515214
Led Lamp		E27	515201

Perge 2

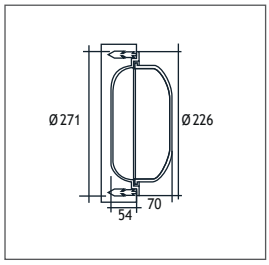




Power	Kelvin	Lampholder	Code No
9W	2700 K	LED	517211
9W	3000 K	LED	517212
9W	4000 K	LED	517213
9W	6000 K	LED	517214
Led Lamp		E27	517201

Perge 3





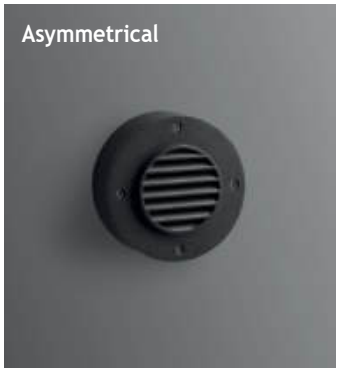
Power	Kelvin	Lampholder	Code No
9W	2700 K	LED	516211
9W	3000 K	LED	516212
9W	4000 K	LED	516213
9W	6000 K	LED	516214
Led Lamp		E27	516201

MILET

WALL SURFACE FIXTURES
IP65 IK08

Cover
Die cast aluminium / Inox (Stainless steel)
Paint
Black or grey electrostatic powder
Body
Die cast aluminium
Connection
Sealed crimp splices
Gaskets
Silicone
Diffusers
4 mm Tempered Glass

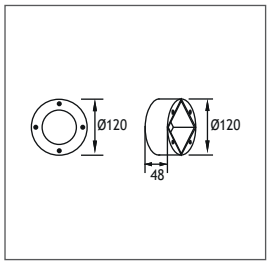




The Milet Surface Mounted Series is specially designed to deliver low glare lighting to steps, open areas, corridors and pathways. The fixture has a die cast aluminium body painted with electrostatic powder paint. The slated or open covers come in an aluminium or aluminium / stainless steel finish. The cable on site can be securely connected to the fixture via a sealed crimp splice.

Symmetrical

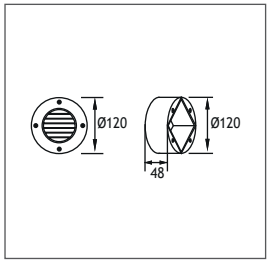




Power	Lampholder	Code No Alum.	Inox
Led Lamp	G 9	312111	314111

Asymmetrical





Power	Lampholder	Code No Alum.	Inox
Led Lamp	G 9	310111	311111



EMFA

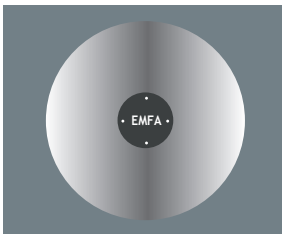
MILET

INDIRECT SURFACE MOUNTED FIXTURE
Class I IP55 IK08

The Milet Indirect series consists of an on-wall fixture and a bollard using LED, LED lamp or fluorescent. The fixtures are made of a combination of a die cast aluminium head and an aluminium pipe painted with electrostatic powder paint. The wall fixture allows for a custom made sign showing room numbers or names. For the LED versions, a specially developed potted power cable is used to effectively bond with the cast resin and stop any water ingress. For the LED lamp and fluorescent versions, an IP connection box is provided to allow for a secure connection of the on-site cable.



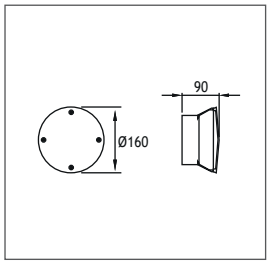
Cover
Die cast aluminium
Paint
Black or grey electrostatic powder
Body
Die cast aluminium
Connection
IP connection box
Gaskets
Silicone
Diffusers
Polycarbonate





Voltage : 240V A.C with integrated driver (24V AC or DC on request)
Diffuser : Polycarbonate
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request





Power	Kelvin	Lampholder	Code No
11W	2700 K	LED	290102
11W	3000 K	LED	290101
11W	4000 K	LED	290103
11W	6000 K	LED	290104
Led Lamp		G 9	290201





Special Application

For room numbers, names, signs etc. The acrylic part inside can be color of choice.

CODE NO 295115
ELECTR. CIR. FLUO. 6W

EMFA

SQUARE MINI

LED APPLIQUES
LED DRIVER IN HEAD
Class I IP65 IK10

Body
Die cast aluminium
Paint
Electrostatic powder
Gaskets
Silicone
Diffusers
Tempered Glass





"Customization" is EMFA's standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 6 standard paint colors, 8 LED colors, 2 wattages, and 5 or more lenses and reflectors are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.

POWER LED (COB LED options available)

Voltage : 240 VAC with integrated driver (12-24 VDC on request)

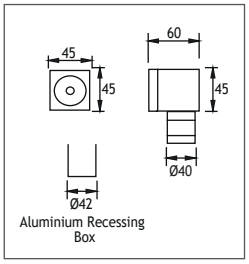
Diffuser : Clear Glass 8 mm (Frosted Glass on request)

Cable : Potted 1m 3x1 H03 VV-F

Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

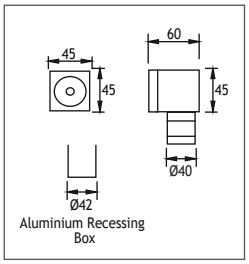
Single color LED options upon request are ;
Blue Amber Green Red



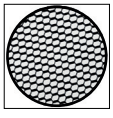


Power	Kelvin	Real Lumen Output	Lens	Code No
1W LED	2700 K	95 lm	10°,25°,40°	298004
1W LED	3000 K	95 lm	10°,25°,40°	298001
1W LED	4000 K	97 lm	10°,25°,40°	298002
1W LED	6000 K	99 lm	10°,25°,40°	298003
3W LED	2700 K	285 lm	10°,25°,40°	298014
3W LED	3000 K	285 lm	10°,25°,40°	298011
3W LED	4000 K	290 lm	10°,25°,40°	298012
3W LED	6000 K	296 lm	10°,25°,40°	298013





Power	Kelvin	Real Lumen Output	Lens	Code No
6W LED	2700 K	570 lm	10°,25°,40°	298024
6W LED	3000 K	570 lm	10°,25°,40°	298021
6W LED	4000 K	585 lm	10°,25°,40°	298022
6W LED	6000 K	592 lm	10°,25°,40°	298023



Honeycomb
Code No: 953541

BELKIS 1 LL

WALL SURFACE FIXTURES
IP65 IK08

Body
Die cast aluminium
Paint
Electrostatic powder
Diffusers
Tempered Glass 4 mm
Gaskets
Silicone





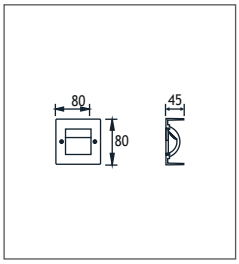


The Belkis 1 LLS is specially designed to deliver low glare LED lighting to steps, open areas, corridors and pathways where recessing the fixture is not possible. The fixture has a die cast aluminium body painted with electrostatic powder paint. The narrow depth of 39mm, which also includes the LED driver, allows the fixture to be installed in any wall. A plastic recessing box is included for installation into concrete. A specially developed potted power cable is used to effectively bond with the cast resin and stop any water ingress. The linear LED used comes in 4 tones of white: 2700K, 3000K, 4000K, 6000K.

Led : Linear LEDs
Voltage : 240 VAC with integrated driver
(12-24 VDC on request)
Diffuser : 4 mm Tempered Glass
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Asymmetrical



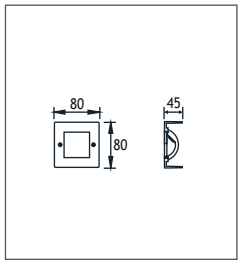


Power	Kelvin	Real Lumen Output	Code No
3W	2700 K	285 lm	424143
3W	3000 K	285 lm	424141
3W	4000 K	290 lm	424142
3W	6000 K	296 lm	424144

Symmetrical







Power	Kelvin	Real Lumen Output	Code No Milky Glass	Code No Clear Glass
3W	2700 K	285 lm	424153	424163
3W	3000 K	285 lm	424151	424161
3W	4000 K	290 lm	424152	424162
3W	6000 K	296 lm	424154	424164



SATURN LL

WALL SURFACE FIXTURES
IP65 IK08

Body
Die cast aluminium
Paint
Electrostatic powder
Diffusers
Tempered Glass 4 mm
Gaskets
Silicone





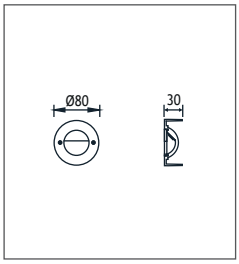
The Saturn LLS is specially designed to deliver low glare LED lighting to steps, open areas, corridors and pathways where recessing the fixture is not possible. The fixture has a die cast aluminium body painted with electrostatic powder paint. The narrow depth of 39mm, which also includes the LED driver, allows the fixture to be installed in any wall. A plastic recessing box is included for installation into concrete. A specially developed potted power cable is used to effectively bond with the cast resin and stop any water ingress. The linear LED used comes in 4 tones of white: 2700K, 3000K, 4000K, 6000K.



Led : COB LEDs
Voltage : 240 VAC with integrated driver
(12-24 VDC on request)
Diffuser : 4 mm Tempered Glass, Clear Glass or Milky Glass
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Asymmetrical



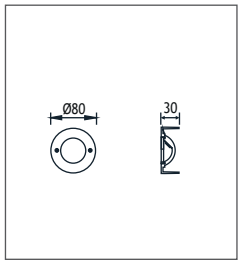


Power	Kelvin	Real Lumen Output	Code No
3W	2700 K	285 lm	526003
3W	3000 K	285 lm	526001
3W	4000 K	290 lm	526002
3W	6000 K	296 lm	526004

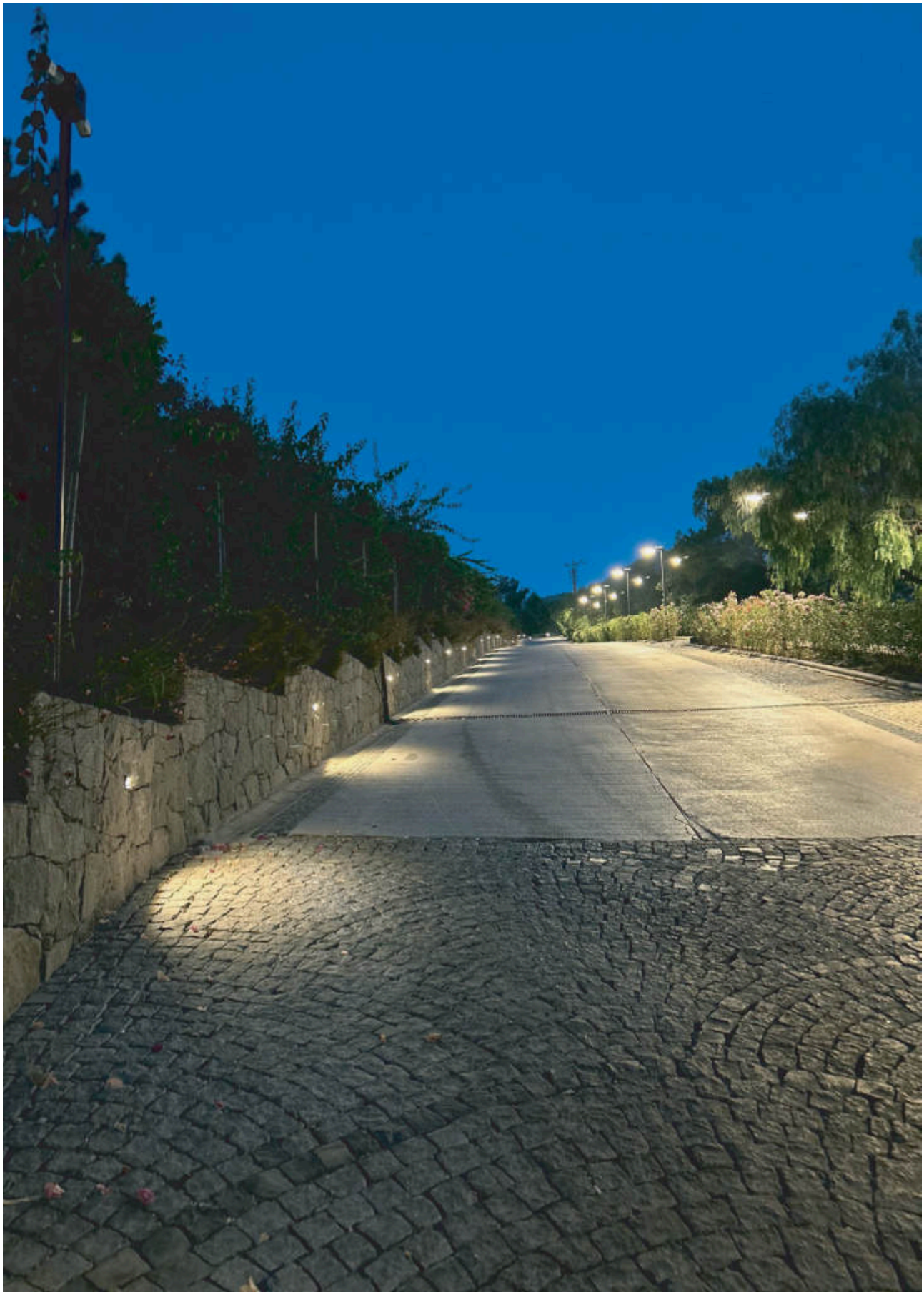
Symmetrical







Power	Kelvin	Real Lumen Output	Code No Milky Glass	Code No Clear Glass
3W	2700 K	285 lm	526203	526103
3W	3000 K	285 lm	526201	526101
3W	4000 K	290 lm	526202	526102
3W	6000 K	296 lm	526204	526104

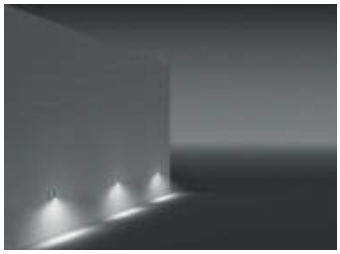


LYKIA LL

WALL SURFACE FIXTURES
IP65 IK08

Body
Die cast aluminium
Paint
Electrostatic powder
Diffusers
Tempered Glass 4 mm
Gaskets
Silicone





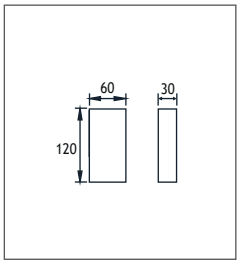


The LYKIA LL is specially designed to deliver low glare LED lighting to steps, open areas, corridors and pathways where recessing the fixture is not possible. The fixture has a die cast aluminium body painted with electrostatic powder paint. The narrow depth of 39mm, which also includes the LED driver, allows the fixture to be installed in any wall. A plastic recessing box is included for installation into concrete. A specially developed potted power cable is used to effectively bond with the cast resin and stop any water ingress. The linear LED used comes in 4 tones of white: 2700K, 3000K, 4000K, 6000K.

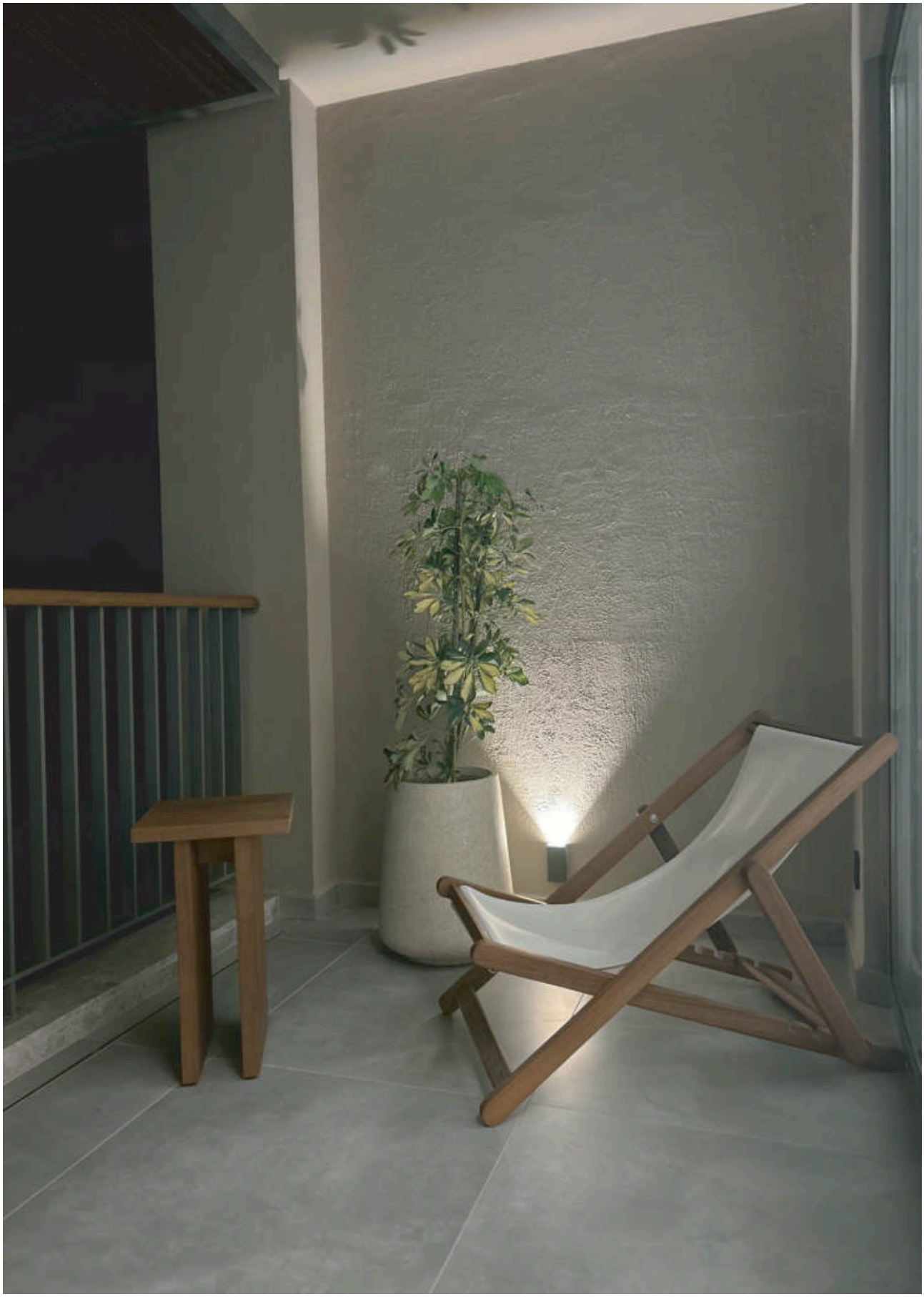
Led : Linear LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 4 mm Tempered Glass Clear Glass or Milky Glass
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Asymmetrical





Power	Kelvin	Real Lumen Output	Code No
3W	2700 K	285 lm	424202
3W	3000 K	285 lm	424201
3W	4000 K	290 lm	424203
3W	6000 K	296 lm	424204

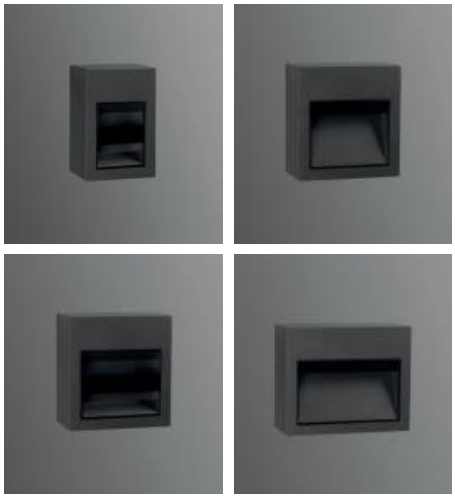




EMFA

MILET ANI WALL SURFACE
Class I IP67 IK08

EMFA's Ani surface mounted series is specially designed to deliver low-glare lighting to facades, walkways, pathways and driveways with minimal installation depth and narrow trim. The fixture is made of a combination of 316L stainless steel and die cast aluminium. The tilted design reduces the glare of the LEDs. The Linear LEDs with special lenses give excellent wallwashing effect. An anti-slip glass is available upon request.



Cover
316L Stainless steel or Aluminium
Body
Die cast aluminium
Gaskets
Silicone
Diffusers
4 mm Tempered Glass
Screws
316L Stainless Steel
Glands
PG 11

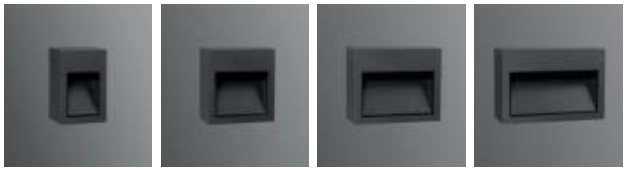
"Customization" is EMFA's standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 6 standard paint colors, 8 LED colors, and 2 wattages, are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.

Symmetrical

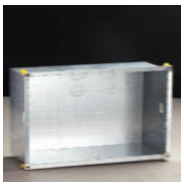




Asymmetrical







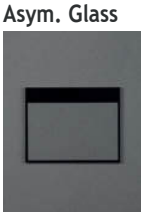
Galvanized Surface Box



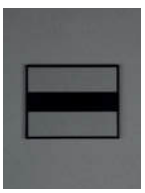
end of the code number "s" add for Screw mounting option for

LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

Asym. Glass



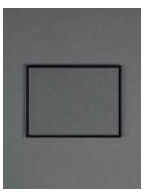
Trenched Glass



Milky Glass



Clear Glass



MILET ANI

WALL SURFACE FIXED
Class I IP67 IK08



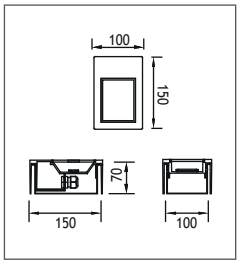


Led : Linear LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 8mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

ANI 1





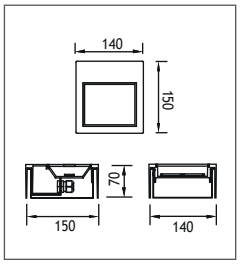


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Asymmetrical
6W	2700 K	570 lm	457003	457503
6W	3000 K	570 lm	457001	457501
6W	4000 K	581 lm	457002	457502
12W	2700 K	1140 lm	457013	457513
12W	3000 K	1140 lm	457011	457511
12W	4000 K	1195 lm	457012	457512

ANI 2





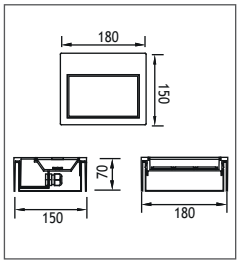


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Asymmetrical
6W	2700 K	570 lm	457103	457603
6W	3000 K	570 lm	457101	457601
6W	4000 K	581 lm	457102	457602
12W	2700 K	1140 lm	457113	457613
12W	3000 K	1140 lm	457111	457611
12W	4000 K	1195 lm	457112	457612

ANI 3





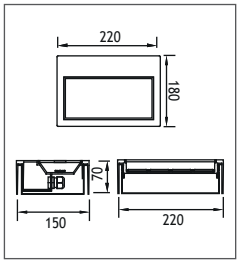


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Asymmetrical
12W	2700 K	1140 lm	457203	457703
12W	3000 K	1140 lm	457201	457701
12W	4000 K	1195 lm	457202	457702
24W	2700 K	2280 lm	457213	457713
24W	3000 K	2280 lm	457211	457711
24W	4000 K	2320 lm	457212	457712

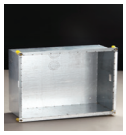
ANI 4







Power	Kelvin	Real Lumen Output	Code No Symmetrical	Asymmetrical
24W	2700 K	2280 lm	457303	457803
24W	3000 K	2280 lm	457301	457801
24W	4000 K	2320 lm	457302	457802
36W	2700 K	3420 lm	457313	457813
36W	3000 K	3420 lm	457311	457811
36W	4000 K	3520 lm	457312	457812



Galvanized Recessing Box

EMFA

MILET ANI

WALL SURFACE ADJUSTABLE
Class I IP67 IK08



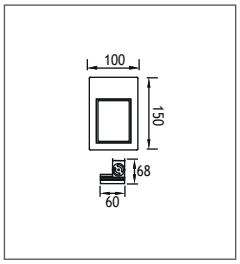


Led : Linear LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 8mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

ANI 1





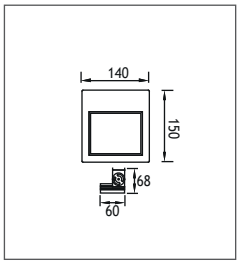


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Code No Asymmetrical
6W	2700 K	570 lm	454003	454503
6W	3000 K	570 lm	454001	454501
6W	4000 K	581 lm	454002	454502
12W	2700 K	1140 lm	454013	454513
12W	3000 K	1140 lm	454011	454511
12W	4000 K	1195 lm	454012	454512

ANI 2





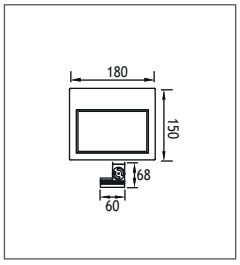


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Code No Asymmetrical
6W	2700 K	570 lm	454103	454603
6W	3000 K	570 lm	454101	454601
6W	4000 K	581 lm	454102	454602
12W	2700 K	1140 lm	454113	454613
12W	3000 K	1140 lm	454111	454611
12W	4000 K	1195 lm	454112	454612

ANI 3





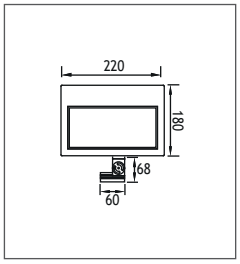


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Code No Asymmetrical
12W	2700 K	1140 lm	454203	454703
12W	3000 K	1140 lm	454201	454701
12W	4000 K	1195 lm	454202	454702
24W	2700 K	2280 lm	454213	454713
24W	3000 K	2280 lm	454211	454711
24W	4000 K	2320 lm	454212	454712

ANI 4





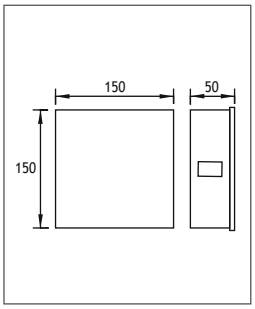


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Code No Asymmetrical
24W	2700 K	2280 lm	454303	454803
24W	3000 K	2280 lm	454301	454801
24W	4000 K	2320 lm	454302	454802
36W	2700 K	3420 lm	454313	454813
36W	3000 K	3420 lm	454311	454811
36W	4000 K	3520 lm	454312	454812

TAROS 2

SURFACE LED FIXTURES
Class I IP55 IK08



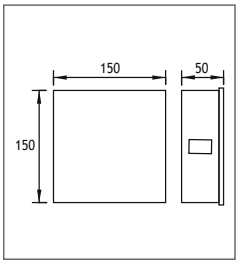


Led : Power LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : Polycarbonate
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Single color LED options upon request are ;
Blue Amber Green Red

Mono

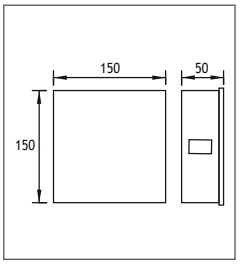




Power	Kelvin	Real Lumen Output	Code No
1x 4W	2700 K	380 lm	443001
1x 4W	3000 K	380 lm	443002
1x 4W	4000 K	392 lm	443003
1x 4W	6000 K	392 lm	443004

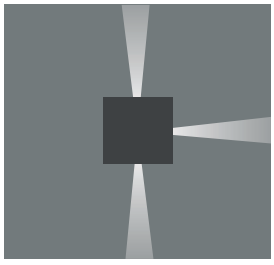
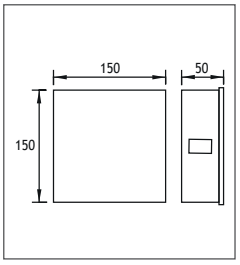
Dual





Power	Kelvin	Real Lumen Output	Code No
2x 4W	2700 K	380 lm	443101
2x 4W	3000 K	380 lm	443102
2x 4W	4000 K	392 lm	443103
2x 4W	6000 K	392 lm	443104

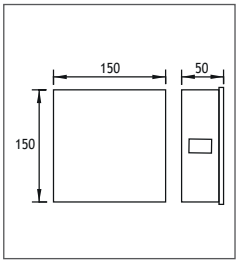
Trio

Power	Kelvin	Real Lumen Output	Code No
3x 4W	2700 K	380 lm	443201
3x 4W	3000 K	380 lm	443202
3x 4W	4000 K	392 lm	443203
3x 4W	6000 K	392 lm	443204

Quad





Power	Kelvin	Real Lumen Output	Code No
4x 4W	2700 K	380 lm	443301
4x 4W	3000 K	380 lm	443302
4x 4W	4000 K	392 lm	443303
4x 4W	6000 K	392 lm	443304

Selge Applique



EMFA

SELGE

ADJUSTABLE TWO WAY LED APPLIQUES
Class I IP65

The Selge Adjustable Applique series consists of a range of LED light sources to deliver the desired light effect to facades and columns. The series is made of die cast aluminium and extrusion aluminium painted with electrostatic powder paint. 6 standard RAL colors can be chosen from to adapt the spots to their environment. The LEDs used come in 4 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 6 to 40 degrees are available to choose from to achieve the desired light effect.



Outer Body
Extruded aluminium
Body
Die cast aluminium
Paint
Electrostatic powder
Bracket
Die cast aluminium
Diffuser
Tempered Glass or acrylic

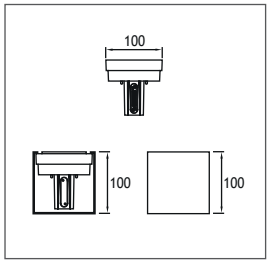
"Customization" is EMFA's standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 6 standard paint colors, 8 LED colors, and 2 wattages, are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.

Adjustable



Led : Linear LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 3mm Tempered Clear Glass or Milky Glass
Mac Adam : 3
CRI : >80 or >90
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request





Power	Kelvin	Real Lumen Output	Code No
2x 3W	2700 K	2x 285 lm	108004
2x 3W	3000 K	2x 285 lm	108001
2x 3W	4000 K	2x 290 lm	108002
2x 3W	6000 K	2x 296 lm	108003

Silyon Wall Surface



EMFA

SILYON

LED SURFACE MOUNTED
Class I IP65

The Silyon Surface Mount series consists of a range of LED light sources to deliver the desired light effect to facades and columns. The series is made of die cast aluminium and painted with electrostatic powder paint. 6 standard RAL colors can be chosen from to adapt the spots to their environment. The LEDs used come in 4 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 6 to 40 degrees are available to choose from to achieve the desired light effect.

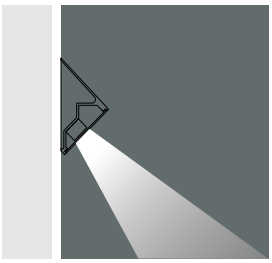


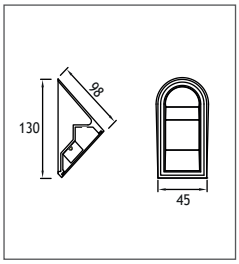
Body
Die cast aluminium
Paint
Electrostatic powder
Base
316L Stainless Steel
Diffuser
Tempered Glass or acrylic

Led	: Power LEDs
Voltage	: 240 VAC with integrated driver (12-24 VDC on request)
Diffuser	: Polycarbonate
CRI	: >80 or >90
Cable	: Potted 1m 3x1 H03 VV-F
Finish	: EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Single color LED options upon request are ;
Blue Amber Green Red

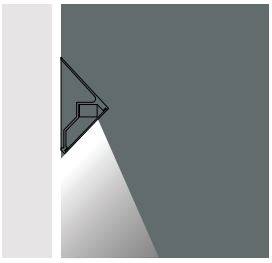


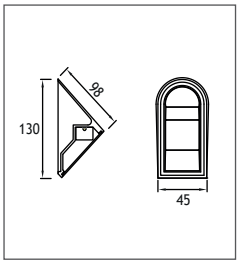




Power	Kelvin	Real Lumen Output 1W	Real Lumen Output 3W	Code No 1W	Code No 3W
LED	2700 K	95 lm	285 lm	109011	109004
LED	3000 K	95 lm	285 lm	109012	109001
LED	4000 K	97 lm	290 lm	109013	109002
LED	6000 K	99 lm	296 lm	109014	109003







Power	Kelvin	Real Lumen Output 1W	Real Lumen Output 3W	Code No 1W	Code No 3W
LED	2700 K	95 lm	285 lm	109111	109104
LED	3000 K	95 lm	285 lm	109112	109101
LED	4000 K	97 lm	290 lm	109113	109102
LED	6000 K	99 lm	296 lm	109114	109103

LEON

LED WALL MOUNTED
Class I IP65

Leon, wall mounted. A die-cast aluminium head on an extruded aluminium stem, 250 mm off the wall. The LED faces the wall. The light returns to the surface behind the head and spreads as a soft halo; the source stays out of view. Available in 6W or 12W, 2700K to 6000K, CRI >80. Electrostatic powder paint, any of six RAL colours.



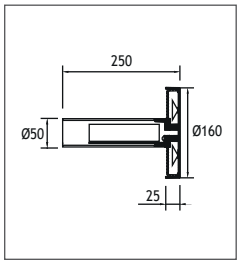


Head
Die cast aluminium
Diffusers
Frosted polyamide 6.6
Pipe
Extrusion aluminium
Paint
Electrostatic powder

Led	: Circular LEDs (6W or 12W)
Voltage	: 240 VAC with integrated driver (12-24 VDC on request)
Diffuser	: Polyamide
CRI	: >80
Cable	: Potted 1m 3x1 H03 VV-F
Finish	: EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 — other RAL on request







Power	Kelvin	Real Lumen Output 6W	Real Lumen Output 12W	Code No 6W	Code No 12W
LED	2700 K	570 lm	1140 lm	179001	179011
LED	3000 K	570 lm	1140 lm	179002	179012
LED	4000 K	582 lm	1162 lm	179003	179013
LED	6000 K	591 lm	1185 lm	179004	179014



Ceramus Mini Applique

Ø43mm



CERAMUS MINI

LED APPLIQUES
Class I IP65

Body
Die cast aluminium
Paint
Electrostatic powder
Bracket
Die cast aluminium
Diffuser
Tempered Glass or acrylic
Gaskets
Silicone

POWER LEDs

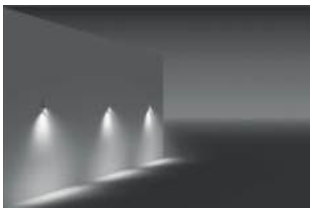
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : Clear Glass 8 mm (Frosted Glass on request)
Lens : 10°, 20° or 30°
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

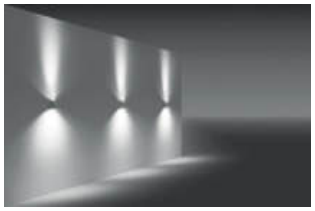
Single color LED options upon request are ;
Blue Amber Green Red





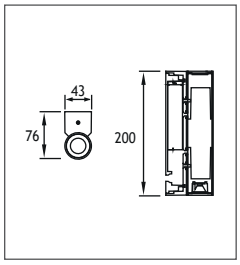






One - Way

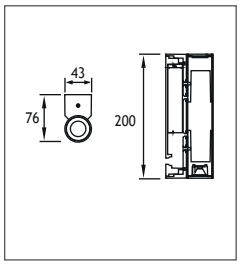




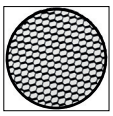
Kelvin	Real Lumen Output 1W	3W	Lens	Code No 1W	3W
2700 K	95 lm	285 lm	10°,20°,30°	463004	463014
3000 K	95 lm	285 lm	10°,20°,30°	463001	463011
4000 K	97 lm	290 lm	10°,20°,30°	463002	463012
6000 K	99 lm	296 lm	10°,20°,30°	463003	463013

Two - Way





Kelvin	Real Lumen Output 1W	3W	Lens	Code No 1W	3W
2700 K	95 lm	285 lm	10°,20°,30°	463104	463114
3000 K	95 lm	285 lm	10°,20°,30°	463101	463111
4000 K	97 lm	290 lm	10°,20°,30°	463102	463112
6000 K	99 lm	296 lm	10°,20°,30°	463103	463113



Honeycomb
Code No: 953511

EMFA

Ceramus 2 Applique

Ø80mm



CERAMUS 2

LED APPLIQUES
Class I IP65

Body
Die cast aluminium
Paint
Electrostatic powder
Bracket
Die cast aluminium
Diffuser
Tempered Glass or acrylic
Gaskets
Silicone

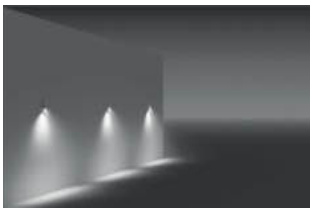


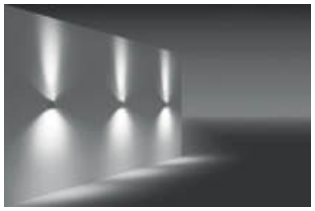




COB LED

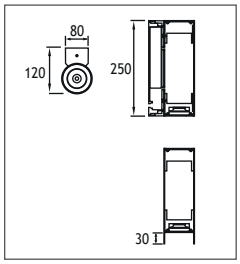
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : Clear Glass 8 mm (Frosted Glass on request)
Lens : 10°, 20° or 30°
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request





One - Way

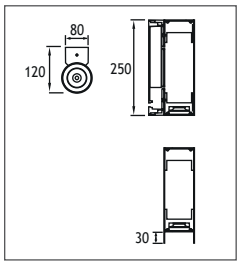




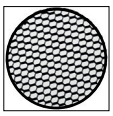
Kelvin	Real Lumen Output 6W	12W	Lens	Code No 6W	12W
2700 K	570 lm	1140 lm	10°,20°,30°	464004	464014
3000 K	570 lm	1140 lm	10°,20°,30°	464001	464011
4000 K	582 lm	1162 lm	10°,20°,30°	464002	464012
6000 K	591 lm	1185 lm	10°,20°,30°	464003	464013

Two - Way





Kelvin	Real Lumen Output 2x 6W	2x 12W	Lens	Code No 6W	12W
2700 K	570 lm	1140 lm	10°,20°,30°	464104	464114
3000 K	570 lm	1140 lm	10°,20°,30°	464101	464111
4000 K	582 lm	1162 lm	10°,20°,30°	464102	464112
6000 K	591 lm	1185 lm	10°,20°,30°	464103	464113



Honeycomb
Code No: 953522



BELKIS APPLIQUES
Class I IP55 IK08

The Belkis Applique series consists of a range of LED and metal halide sources to deliver the desired light effect to facades and columns. The series is made of die cast aluminium and extrusion aluminium painted with electrostatic powder paint. 6 standard RAL colors can be chosen from to adapt the spots to their environment. The LEDs used come in 4 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 10 to 40 degrees are available to choose from to achieve the desired light effect.





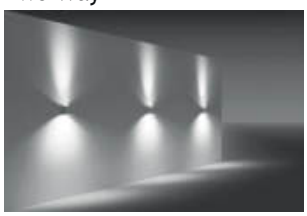
Body
Aluminium Profile
Cover
Die cast aluminium
Paint
Electrostatic powder
Bracket
Die cast aluminium
Diffusers
Tempered Glass
Gaskets
Silicone
Connection
IP connection box

“Customization” is EMFA’s standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 6 standard paint colors, 8 LED colors and 5 or more lenses and reflectors are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.

One Way



Two Way





LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

Thermal Management
All fixtures are designed to withstand ambient temperatures of at least 50°C. The LEDs are mounted on metal core pcbs, which are mounted to the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA’s laboratory to ensure these values are maintained so that the lifetime of the LED is not compromised.

BELKIS APPLIQUES
Class I IP55 IK08



Power LEDs

Voltage : 240 VAC with integrated driver (12-24 VDC on request)

Diffuser : Clear Glass 8 mm (Frosted Glass on request)

CRI : >80 or >90

Cable : Potted 1 m 3x1 H03 VV-F

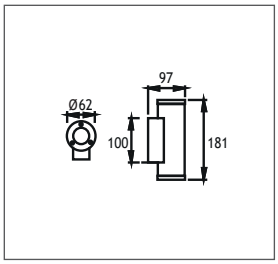
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Single color LED options upon request are ;

Blue Amber Green Red

BELKIS 1

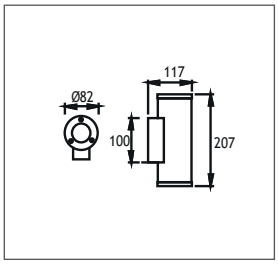




Power	Kelvin	Real Lumen Output	Lens	Code No One Way	Code No Two Way
1W	2700 K	95 lm	10°,25°,40°	425102	425112
1W	3000 K	95 lm	10°,25°,40°	425101	425111
1W	4000 K	97 lm	10°,25°,40°	425106	425116
1W	6000 K	99 lm	10°,25°,40°	425107	425117
Led Lamp		G9		340101	343101

BELKIS 2

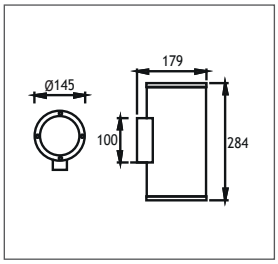




Power	Kelvin	Real Lumen Output	Lens	Code No One Way	Code No Two Way
3W	2700 K	285 lm	10°,25°,40°	425122	425132
3W	3000 K	285 lm	10°,25°,40°	425121	425131
3W	4000 K	290 lm	10°,25°,40°	425126	425136
3W	6000 K	296 lm	10°,25°,40°	425127	425137
Led Lamp		Gu10		341111	344111

BELKIS 5

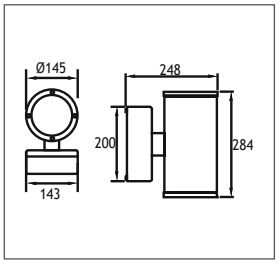




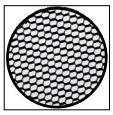
Power	Kelvin	Real Lumen Output	Lens	Code No One Way	Code No Two Way
9W	2700 K	855 lm	10°,25°,40°	425142	425152
9W	3000 K	855 lm	10°,25°,40°	425141	425151
9W	4000 K	891 lm	10°,25°,40°	425146	425156
9W	6000 K	898 lm	10°,25°,40°	425147	425157
Led Lamp		E27		342111	345111

BELKIS 5 M.H.





Power	Lampholder	Code No One Way	Code No Two Way
35W METAL HALIDE	G12	346401	346501
70W METAL HALIDE	G12	346411	346511



Honeycomb
Belkis 1: 953521
Belkis 2: 953522
Belkis 5: 953525



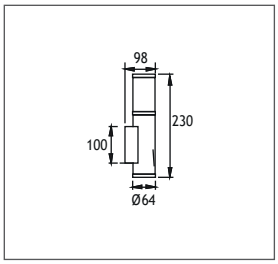
BELKIS 1 ACRYLIC APPLIQUES
Class I IP55 IK08





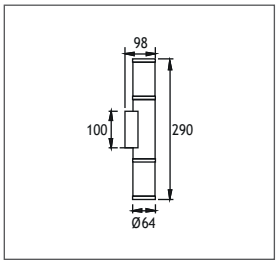
Voltage : 240 VAC with integrated driver
Diffuser : Acrylic Pipe
Cable : Potted 1 m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 — other RAL on request

One Way

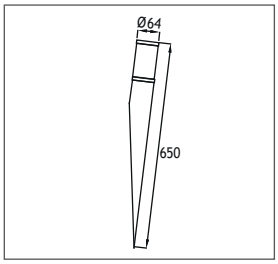
Power	Lampholder	Code No
Led Lamp	G9	293301

Two Way

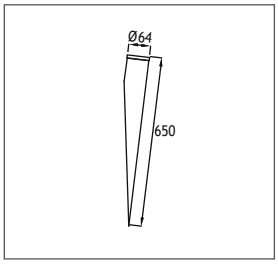
Power	Lampholder	Code No
Led Lamp	2x G9	293401

Torch Acrylic

Power	Lampholder	Code No
Led Lamp	G9	293201

Torch Acrylic

Power	Lampholder	Code No
Led Lamp	G9	293251



SQUARE APPLIQUES
Class I IP65 IK08

The Square Applique series consists of a range of LED and metal halide sources to deliver the desired light effect to facades and columns. The series is made of die cast aluminium and extrusion aluminium painted with electrostatic powder paint. 6 standard RAL colors can be chosen from to adapt the spots to their environment. The LEDs used come in 4 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 10 to 40 degrees are available to choose from to achieve the desired light effect.









Body
Die cast aluminium
Cover
Die cast aluminium
Paint
Electrostatic powder
Bracket
Die cast aluminium
Diffusers
Tempered Glass
Gaskets
Silicone
Connection
IP connection box

“Customization” is EMFA’s standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 6 standard paint colors, 8 LED colors and 5 or more lenses and reflectors are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.

One Way





LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

Thermal Management
All fixtures are designed to withstand ambient temperatures of at least 50°C. The LEDs are mounted on metal core pcbs, which are mounted to the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA’s laboratory to ensure these values are maintained so that the lifetime of the LED is not compromised.

SQUARE APPLIQUES
Class I IP65 IK08



Power LEDs

Voltage : 240 VAC with integrated driver (12-24 VDC on request)

Diffuser : Clear Glass 8 mm (Frosted Glass on request)

CRI : >80 or >90

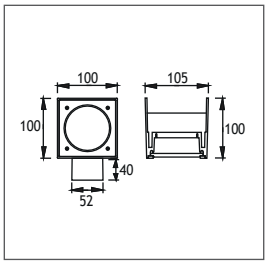
Cable : -

Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Single color LED options upon request are ;
Blue Amber Green Red

Clear Glass with Lens

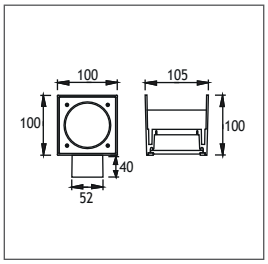




Power	Kelvin	Real Lumen Output	Lens	Code No
6W	2700 K	570 lm	10°,25°,40°	434024
6W	3000 K	570 lm	10°,25°,40°	434021
6W	4000 K	582 lm	10°,25°,40°	434022
6W	6000 K	591 lm	10°,25°,40°	434023

Frosted Glass

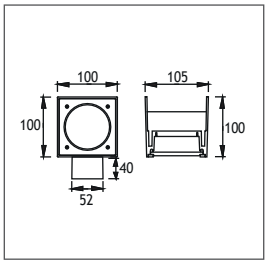




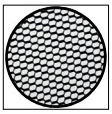
Power	Kelvin	Real Lumen Output	Lens	Code No
6W	2700 K	570 lm	10°,25°,40°	434013
6W	3000 K	570 lm	10°,25°,40°	434011
6W	4000 K	582 lm	10°,25°,40°	434012
6W	6000 K	591 lm	10°,25°,40°	434014

Dot





Power	Kelvin	Real Lumen Output	Lens	Code No
6W	2700 K	570 lm	10°,25°,40°	434003
6W	3000 K	570 lm	10°,25°,40°	434001
6W	4000 K	582 lm	10°,25°,40°	434002
6W	6000 K	591 lm	10°,25°,40°	434004

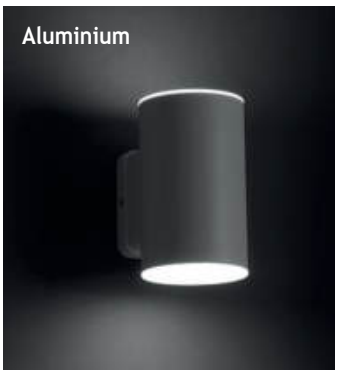


Honeycomb
Code No: 953523

PEDASA

TWO WAY LED APPLIQUES
Class I IP65

Pipe
Aluminium or Acrylic
Body
Aluminium profile
Paint
Electrostatic powder
Bracket
Die Cast Aluminium
Diffusers
Acrylic
Gaskets
Silicone
Connection
IP connection box



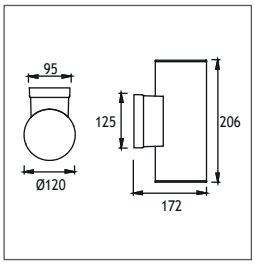


Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : Acrylic
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Pedasa 1





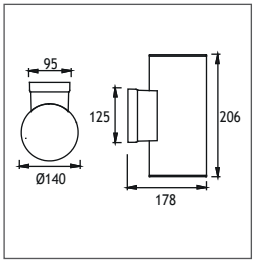


Power	Kelvin	Real Lumen Output	Code No Aluminium	Code No Acrylic
11W	2700 K	1045 lm	504003	504023
11W	3000 K	1045 lm	504001	504021
11W	4000 K	1065 lm	504002	504022
11W	6000 K	1089 lm	504004	504024

Pedasa 2



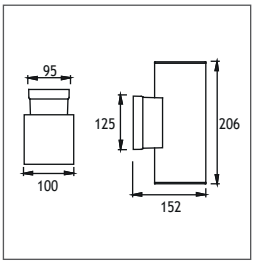




Power	Kelvin	Real Lumen Output	Code No Aluminium	Code No Acrylic
11W	2700 K	1045 lm	504013	504033
11W	3000 K	1045 lm	504011	504031
11W	4000 K	1065 lm	504012	504032
11W	6000 K	1089 lm	504014	504034

Square





Power	Kelvin	Real Lumen Output	Code No Aluminium
11W	2700 K	1045 lm	504043
11W	3000 K	1045 lm	504041
11W	4000 K	1065 lm	504042
11W	6000 K	1089 lm	504044

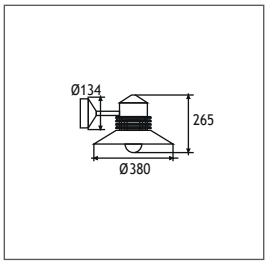
SATURN APPLIQUES
Class I IP65 IK08



Voltage : 240V A.C with integrated driver
Diffuser : Glass
Transformer : Electronic
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Saturn 1

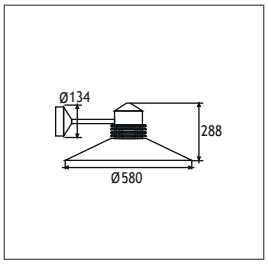




Power	Lampholder	Code No
ELECTRONIC FLUO. DEL 23W	E27	525101

Saturn 2

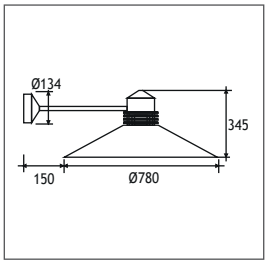




Power	Lampholder	Code No
ELECTRONIC FLUO. DEL 23W	E27	525201

Saturn 3





Power	Lampholder	Code No
ELECTRONIC FLUO. DEL 23W	E27	525301