

EMFA

MILET ANI

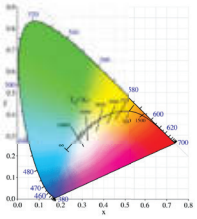
RECESSED DRIVE OVER FIXTURES
Load 8 kN | Class I IP67 IK10

EMFA's Ani step mounted series is specially designed to deliver low-glare lighting to facades, columns, monuments, and trees 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.

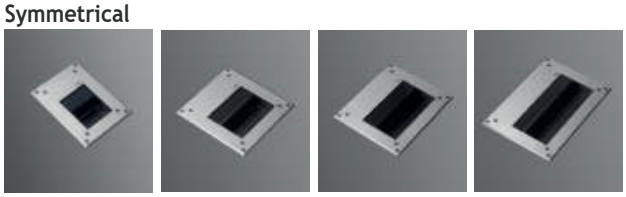


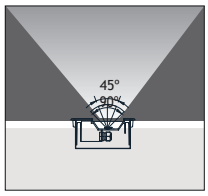
Cover
316L Stainless steel
Body
Die cast aluminium
Gaskets
Silicone
Diffusers
8 mm Tempered Glass
Screws
316L Stainless Steel

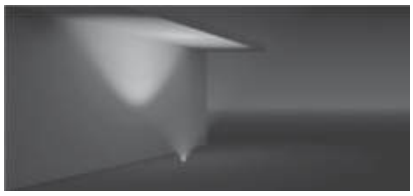
"Customization" is EMFA's standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 6 standard paint colors, 8 LED colors, and 2 wattages, are available to make the fixture suitable for the required application. This is done without increasing lead-time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

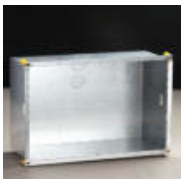


Symmetrical





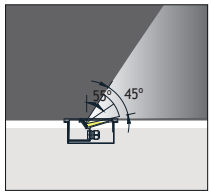


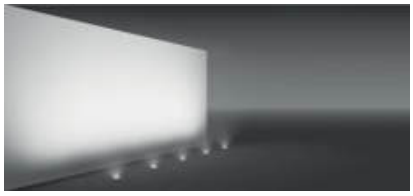


Galvanized Recessing Box

Asymmetrical

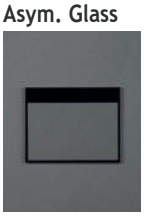




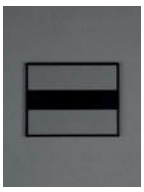


LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates 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



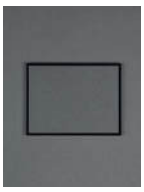
Trenched Glass



Milky Glass

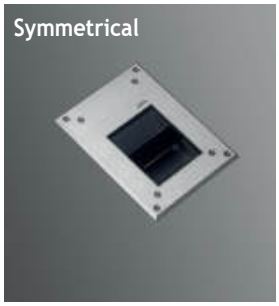


Clear Glass



MILET ANI

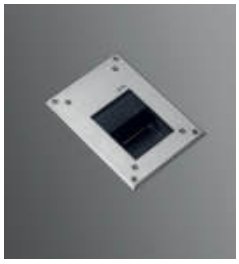
RECESSED DRIVE OVER FIXTURES
Load 8 kN | Class I IP67 IK10



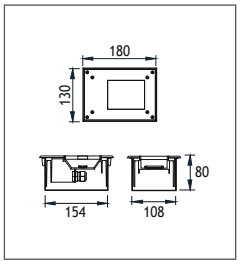


Led : Linear LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 8 mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F

ANI 1





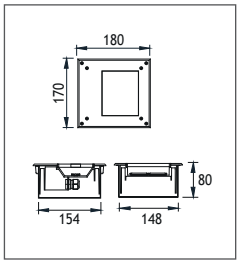


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Code No Asymmetrical
6W	2700 K	570 lm	450003	450503
6W	3000 K	570 lm	450001	450501
6W	4000 K	581 lm	450002	450502
12W	2700 K	1140 lm	450013	450513
12W	3000 K	1140 lm	450011	450511
12W	4000 K	1195 lm	450012	450512

ANI 2

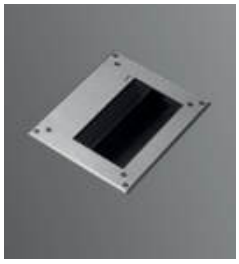




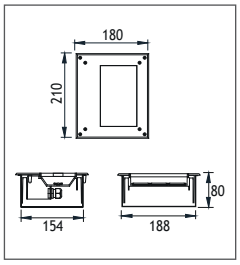


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Code No Asymmetrical
6W	2700 K	570 lm	450103	450603
6W	3000 K	570 lm	450101	450601
6W	4000 K	690 lm	450102	450602
12W	2700 K	1140 lm	450113	450613
12W	3000 K	1140 lm	450111	450611
12W	4000 K	1195 lm	450112	450612

ANI 3





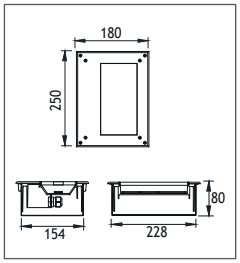


Power	Kelvin	Real Lumen Output	Code No Symmetrical	Code No Asymmetrical
12W	2700 K	1140 lm	450203	450703
12W	3000 K	1140 lm	450201	450701
12W	4000 K	1195 lm	450202	450702
24W	2700 K	2280 lm	450213	450713
24W	3000 K	2280 lm	450211	450711
24W	4000 K	2320 lm	450212	450712

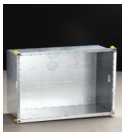
ANI 4







Power	Kelvin	Real Lumen Output	Code No Symmetrical	Code No Asymmetrical
24W	2700 K	2280 lm	450303	450803
24W	3000 K	2280 lm	450301	450801
24W	4000 K	2320 lm	450302	450802
36W	2700 K	3420 lm	450313	450813
36W	3000 K	3420 lm	450311	450811
36W	4000 K	3520 lm	450312	450812



Galvanized Recessing Box

EMFA

KNIDOS RECESSED DRIVE OVER FIXTURES
Load 20 kN | Class I IP67 IK10

EMFA's Knidos series consists of a range of LED, metal halide, and fluorescent sources to deliver the desired light effect to facades, columns, monuments and trees. The fixture is made of a combination of 316L stainless steel and glass reinforced polyester, which makes it completely resistant to corrosion. The sturdy fixture allows loads up to 20 kN and IK10. The LEDs used come in 3 different tones of white, as well as blue, red, green, and amber. An anti-slip glass is available upon request.

Adjustable Asymmetrical LEDs
In this series EMFA is introducing its first adjustable asymmetric LED unit. The LEDs can be internally adjusted up to 40 degrees to give the desired light output to facades, columns, monuments, and trees without losing light to the sky. The Knidos is large enough, and has enough surface area so that at an ambient temperature of 50° C, 9 LEDs can be operated at 350 mA (9W).

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

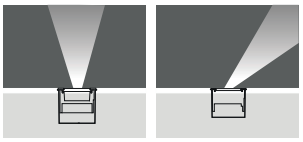
"Customization" is EMFA's standard
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 2 finishes of stainless steel, 8 LED colors, 2 wattages, and 5 or more lenses and reflectors are available to make the fixture suitable for the required application.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

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 fixed 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.









Fixed Adjustable

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.

Accessories:



Anti-slip Glass

Please contact for this option.

KNIDOS

RECESSED DRIVE OVER FIXTURES
Load 8 kN | Class I IP67 IK10



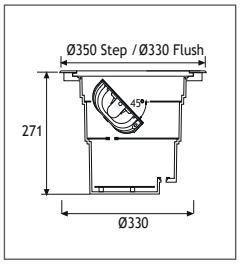


Voltage : 240 VAC with integrated driver (24V AC or DC on request)
Diffuser : 12 mm Clear Glass (Frosted Glass on request)
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F

LED





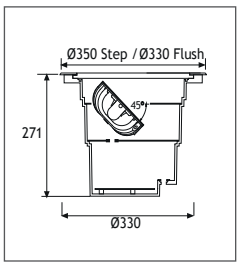


Power	Kelvin	Real Lumen Output	Lens	Code No Flush Mounted	Code No Step Mounted
9W	2700 K	855 lm	10°,25°,40°	258003	258013
9W	3000 K	855 lm	10°,25°,40°	258001	258011
9W	4000 K	891 lm	10°,25°,40°	258002	258012
18W	2700 K	1710 lm	10°,25°,40°	258021	258031
18W	3000 K	1710 lm	10°,25°,40°	258022	258032
18W	4000 K	1782 lm	10°,25°,40°	258023	258033

METAL HALIDE SPOT





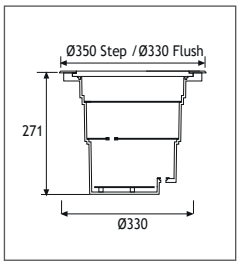


Power	Lampholder	Code No Flush Mounted	Code No Step Mounted
35W METAL HALIDE	Gx8.5	254301	254311
70W METAL HALIDE	Gx8.5	254401	254411

METAL HALIDE WALLWASHER





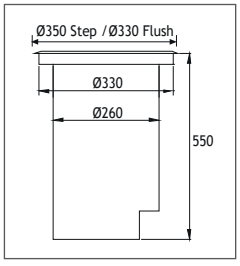


Power	Lampholder	Code No Flush Mounted	Code No Step Mounted
35W METAL HALIDE	Rx 7s	251101	251201
70W METAL HALIDE	Rx 7s-24	251111	251211

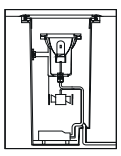
METAL HALIDE







Power	Lampholder	Code No Flush Mounted	Code No Step Mounted
35W METAL HALIDE	G12	257001	257101
70W METAL HALIDE	G12	257011	257111



Special Ventilation System for Cooling

EMFA



SANTOS 4

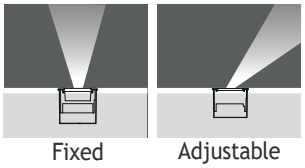
RECESSED DRIVE OVER FIXTURES
Load 10 kN | Class I IP67 IK10

EMFA's Santos flush mounted series is specially designed to deliver low-glare lighting to facades, columns, monuments and trees with minimal installation depth and narrow trim. The fixture is made of a combination of 316L stainless steel and die cast aluminium. A shield above the lamp reduces the glare of the metal halide lamps. A mirror finish reflector allows for a narrow to wide beam light output. An anti-slip glass is available upon request.



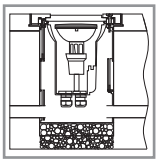
Cover
316L Stainless steel
Body
Die cast aluminium or aluminium profile with die cast aluminium bottom and connection box
Gaskets
Silicone
Diffusers
8 mm Tempered Glass
Screws
316L Stainless steel
Glands
2 x PG 13.5
Recessing Tube
Polyamide 6



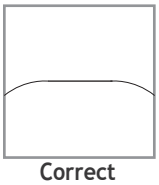


Fixed Adjustable

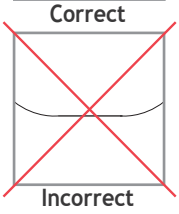
Mounting Feature



Provide at least 30 cm of drainage gravel to avoid the accumulation of water under the fixture.
To make the fixture drive over, the recessing tube should be mounted flush to the ground.



Correct



Incorrect

When mounting the fixture on uneven surfaces, place so that the water does not accumulate on the surface of the fixture.





This fixture is also available with 2 screws instead of 4. For this option, please contact us.



Anti-slip Glass

Please contact for this option.



EMFA

SANTOS 4

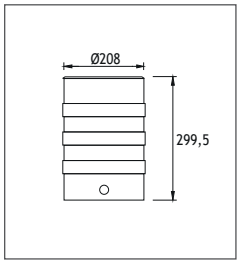
RECESSED DRIVE OVER FIXTURES
Load 10 kN | Class I IP67 IK10



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

LED

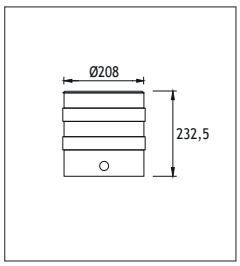




Power	Kelvin	Real Lumen Output	Lens	Code No
9W	2700 K	855 lm	10°,23°,36°	550211
9W	3000 K	855 lm	10°,23°,36°	550212
9W	4000 K	872 lm	10°,23°,36°	550213
18W	2700 K	1710 lm	10°,23°,36°	550203
18W	3000 K	1710 lm	10°,23°,36°	550201
18W	4000 K	1744 lm	10°,23°,36°	550202

LED LAMP

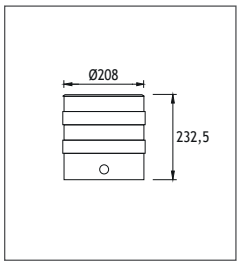




Power	Lampholder	Code No
PAR30 Led Lamp	E27 Adjustable	550101

METAL HALIDE

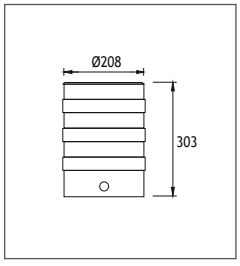




Power	Lampholder	Code No
20W METAL HALIDE	G 8.5 Fixed	550111
35W METAL HALIDE	G 8.5 Fixed	550121
70W METAL HALIDE	G 8.5 Fixed	550131

METAL HALIDE





Power	Lampholder	Code No
35W METAL HALIDE	Gx8.5 Adjustable	550151
70W METAL HALIDE	Gx8.5 Adjustable	550161

SANTOS 5

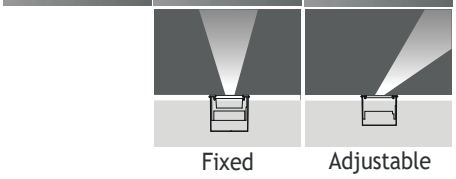
RECESSED DRIVE OVER FIXTURES
Load 6 kN | Class I IP67 IK10

EMFA's Santos step mounted series is specially designed to deliver low-glare lighting to facades, columns, monuments and trees with minimal installation depth and narrow trim. The fixture is made of a combination of 316L stainless steel and die cast aluminium. A shield above the lamp reduces the glare of the metal halide lamps. A mirror finish reflector allows for a narrow to wide beam light output. An anti-slip glass is available upon request.



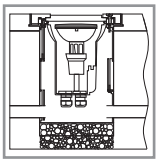
Cover
316L Stainless steel
Body
Die cast aluminium or aluminium profile with die cast aluminium bottom and connection box
Gaskets
Silicone
Diffusers
8 mm Tempered Glass
Screws
316L Stainless steel
Glands
2 x PG 13.5
Recessing Tube
Polyamide 6



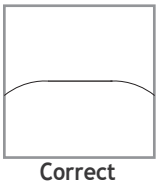


Fixed Adjustable

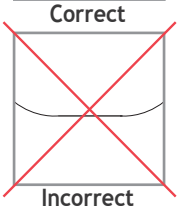
Mounting Feature



Provide at least 30 cm of drainage gravel to avoid the accumulation of water under the fixture.
To make the fixture drive over, the recessing tube should be mounted flush to the ground.



Correct



Incorrect

When mounting the fixture on uneven surfaces, place so that the water does not accumulate on the surface of the fixture.



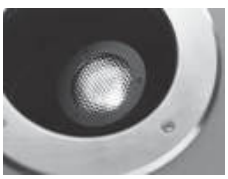


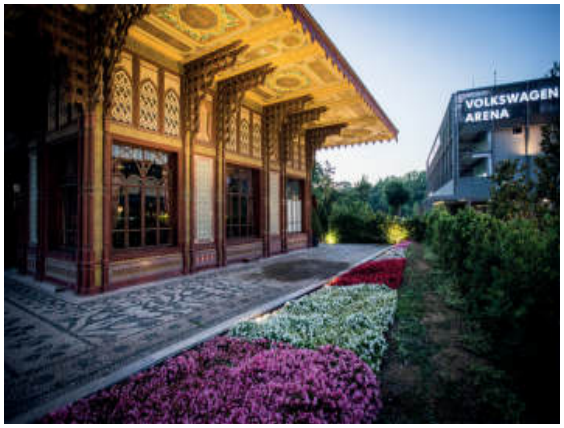
This fixture is also available with 2 screws instead of 4. For this option, please contact us.



Anti-slip Glass

Please contact for this option.





EMFA

SANTOS 5

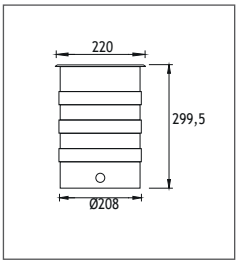
RECESSED DRIVE OVER FIXTURES
Load 6 kN | Class I IP67 IK10




Voltage : 240 VAC 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 1m 3x1 H03 VV-F

LED

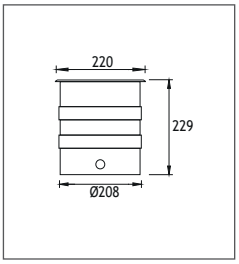




Power	Kelvin	Real Lumen Output	Lens	Code No Round	Square
9W	2700 K	855 lm	10°,23°,36°	551321	551331
9W	3000 K	855 lm	10°,23°,36°	551322	551332
9W	4000 K	872 lm	10°,23°,36°	551323	551333
18W	2700 K	1710 lm	10°,23°,36°	551303	551313
18W	3000 K	1710 lm	10°,23°,36°	551301	551311
18W	4000 K	1744 lm	10°,23°,36°	551302	551312

LED LAMP

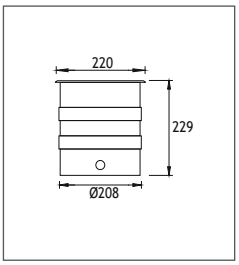




Power	Lampholder	Code No Round	Square
PAR30 Led Lamp	E27 Adjustable	551101	551201

METAL HALIDE

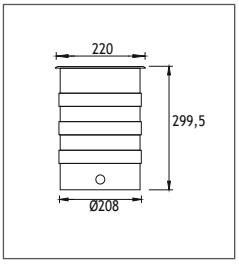




Power	Lampholder	Code No Round	Square
20W METAL HALIDE	G 8.5 Fixed	551111	551211
35W METAL HALIDE	G 8.5 Fixed	551121	551221
70W METAL HALIDE	G 8.5 Fixed	551131	551231

METAL HALIDE SPOT





Power	Lampholder	Code No Round	Square
35W METAL HALIDE	Gx8.5 Adjustable	551151	551251
70W METAL HALIDE	Gx8.5 Adjustable	551161	551261

TEOS 3 RECESSED DRIVE OVER FIXTURES
Load 50 kN | Class I IP67 IK10

EMFA's Teos 3 Recessed 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, while the recessing tube is made of steel 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
Recessing Tube
Electrostatic powder paint
Coated steel





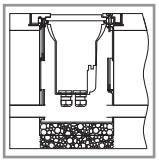




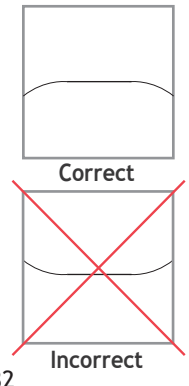




Mounting Feature



Provide at least 30 cm of drainage gravel to avoid the accumulation of water under the fixture.
To make the fixture drive over, the recessing tube should be mounted flush to the ground.



When mounting the fixture on uneven surfaces, place so that the water does not accumulate on the surface of the fixture.

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.

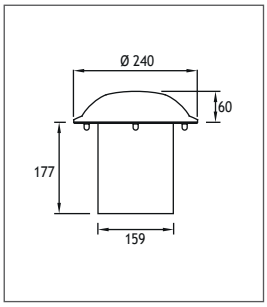
Thermal Management
All fixtures are designed to withstand ambient temperatures of at least 50°C. The LEDs are mounted on metal core pcbs, which are fixed to the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA's laboratory to ensure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

TEOS 3

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



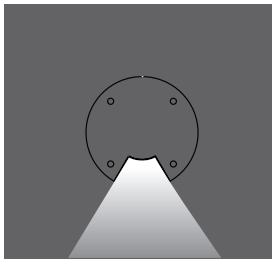




Led : Linear LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : Polycarbonate
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

Mono

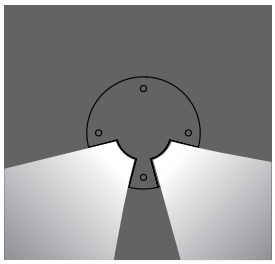




Power	Kelvin	Real Lumen Output	Code No
1 x 4W	2700 K	1 x 380 lm	180103
1 x 4W	3000 K	1 x 380 lm	180101
1 x 4W	4000 K	1 x 418 lm	180102

Duo 1-way

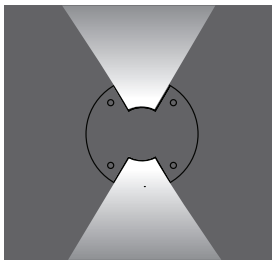




Power	Kelvin	Real Lumen Output	Code No
2 x 4W	2700 K	2 x 380 lm	180113
2 x 4W	3000 K	2 x 380 lm	180111
2 x 4W	4000 K	2 x 418 lm	180112

Duo 2-way

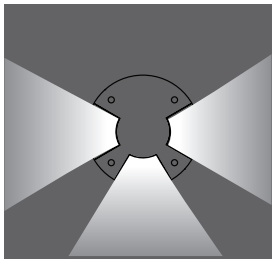




Power	Kelvin	Real Lumen Output	Code No
2 x 4W	2700 K	2 x 380 lm	180123
2 x 4W	3000 K	2 x 380 lm	180121
2 x 4W	4000 K	2 x 418 lm	180122

Trio

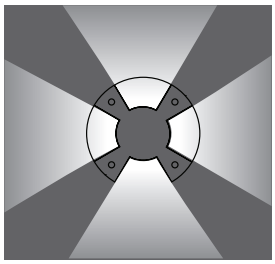




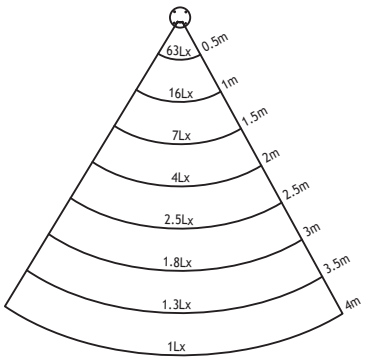
Power	Kelvin	Real Lumen Output	Code No
3 x 4W	2700 K	3 x 380 lm	180133
3 x 4W	3000 K	3 x 380 lm	180131
3 x 4W	4000 K	3 x 418 lm	180132

Quad





Power	Kelvin	Real Lumen Output	Code No
4 x 4W	2700 K	4 x 380 lm	180143
4 x 4W	3000 K	4 x 380 lm	180141
4 x 4W	4000 K	4 x 418 lm	180142



Lux levels for one aperture at 3000K

EMFA

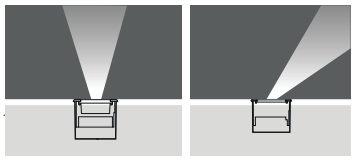

TERSANE
ISTANBUL

MIRA

RECESSED DRIVE OVER FIXTURES
Load 20 kN | Class I IP67 IK10

The Mira 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 a die cast aluminium body with electrostatic powder paint finished with a 316L stainless steel cover. The recessed versions are for drive over up to 20 kN 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.



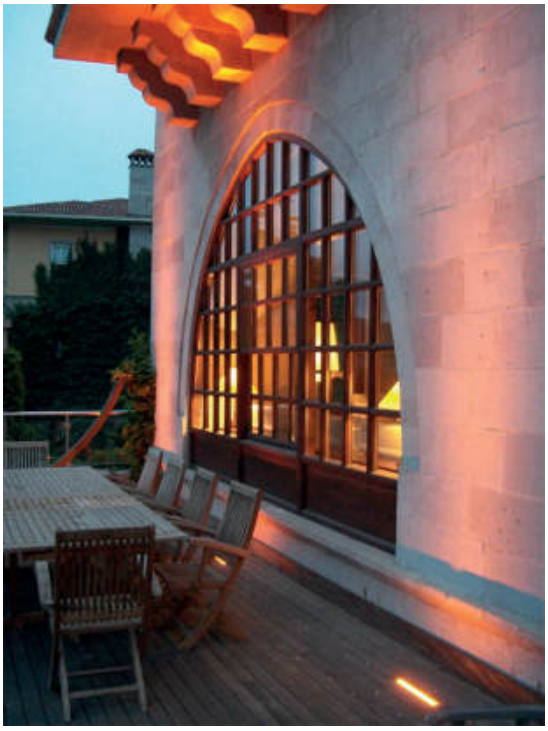


Symmetrical Asymmetrical

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 fixed 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

RECESSED DRIVE OVER FIXTURES
Load 20 kN | Class I IP67 IK10

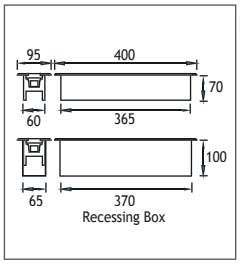



Led : Power LEDs
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : 12 mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F

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

MIRA 1 LED

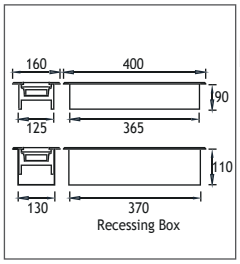




Power	Kelvin	Real Lumen Output	Lens	Code No Symmetrical	Code No Asymmetrical
12W	2700 K	1140 lm	10°,25°,40°	430118	430354
12W	3000 K	1140 lm	10°,25°,40°	430111	430351
12W	4000 K	1160 lm	10°,25°,40°	430116	430352
12W	6000 K	1185 lm	10°,25°,40°	430117	430353
27W	RGB		25°,40°	430161	430361

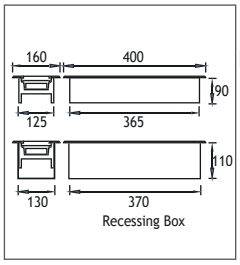
MIRA 2 LED





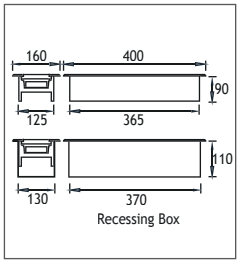
Power	Kelvin	Real Lumen Output	Lens	Code No Symmetrical	Code No Asymmetrical
36W	2700 K	3420 lm	10°,25°,40°	430614	430608
36W	3000 K	3420 lm	10°,25°,40°	430611	430601
36W	4000 K	3488 lm	10°,25°,40°	430612	430606
36W	6000 K	3557 lm	10°,25°,40°	430613	430607
27W	RGB		25°,40°	430621	430631

MIRA 2 LED

Power	Kelvin	Real Lumen Output	Code No Symmetrical
12W	2700 K	1140 lm	430723
12W	3000 K	1140 lm	430721
12W	4000 K	1160 lm	430722
12W	6000 K	1185 lm	430724

MIRA 2 METAL HALIDE

Power	Lampholder	Code No Asymmetrical
70W	G 8.5 METAL HALIDE	430711

EMFA

ASSOS 2

RECESSED DRIVE OVER FIXTURES
Load 15 kN | Class I IP67 IK10

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

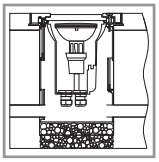
EMFA's Assos 2 series is specially designed to light facades, columns, monuments and trees with a die cast aluminium grill protecting the glass. The fixture can be equipped with metal halide or fluorescent lamps. The fixture is made completely of die cast aluminium body, which allows for IP67 and IK10 and a load of 15kN. The fixture comes with a polyamide recessing tube for easy mounting in the ground or concrete. A louvre can be ordered separately to reduce the glare of the lamps.





Cover
Die cast aluminium
Body
Die cast aluminium or aluminium profile with die cast aluminium bottom and connection box.
Gaskets
Silicone
Diffusers
8 mm Tempered Glass
Screws
316L Stainless steel
Glands
2 x PG 13.5
Recessing Tube
Polyamide 6

Mounting Feature



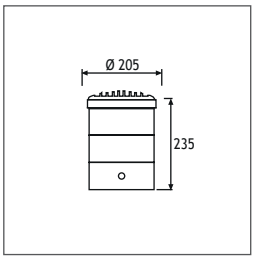
Provide at least 30 cm of drainage gravel to avoid the accumulation of water under the fixture.
To make the fixture drive over, the recessing tube should be mounted flush to the ground.



This fixture is suitable for helicopter landing pads due to its heavy duty aluminium cover.

LED LAMP

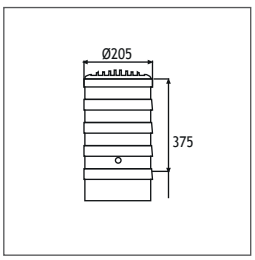




Power	Lampholder	Code No
LED Lamp	E27	201131

METAL HALIDE





Power	Lampholder	Code No
35W METAL HALIDE	G 12 Adjustable	201141
70W METAL HALIDE	G 12 Adjustable	201151
150W METAL HALIDE	G 12 Adjustable	201161

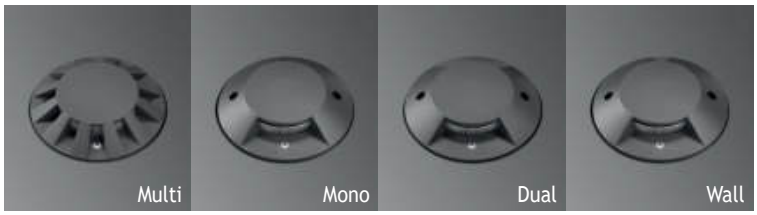
ASSOS 3

RECESSED DRIVE OVER FIXTURES
Load 15 kN | Class I IP67 IK10

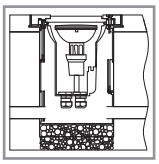
EMFA's Assos 3 series is specially designed to light pathways, roads, and gardens. The fixture can be equipped with LED or fluorescent lamps. The fixture has 4 different options of cover: Multi, Mono, Dual, and Wall to give different lighting effects. In combination with the die cast aluminium body, the fixture allows for IP67 and IK10 and a load of 15kN. The fixture comes with a polyamide recessing tube for easy mounting in the ground or concrete.



Cover
Die cast aluminium
Body
Die cast aluminium or aluminium profile with die cast aluminium bottom and connection box.
Gaskets
Silicone
Diffusers
Tempered press glass or polycarbonate
Screws
316L Stainless steel
Glands
2 x PG 13.5
Recessing Tube
Polyamide 6



Mounting Feature



Provide at least 30 cm of drainage gravel to avoid the accumulation of water under the fixture.
To make the fixture drive over, the recessing tube should be mounted flush to the ground.



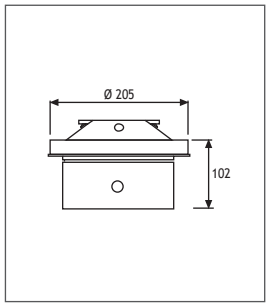
LEDs
Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates 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 fixed 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.

ASSOS 3

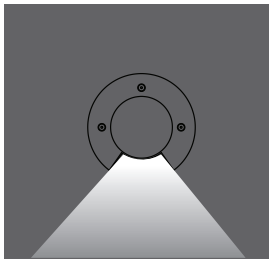
RECESSED DRIVE OVER FIXTURES
Load 15 kN | Class I IP67 IK10





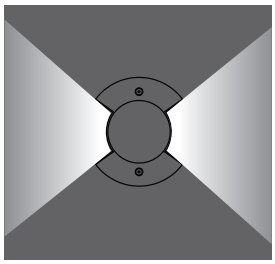
Voltage : 240 VAC with integrated driver (12-24 VDC on request)
Diffuser : Polycarbonate
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request





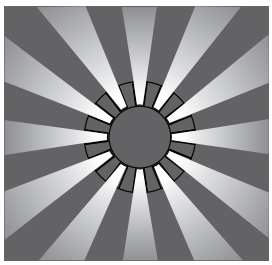
Power	Kelvin	Real Lumen Output	Code No
1 x 4W LED	2700 K	1 x 380 lm	203142
1 x 4W LED	3000 K	1 x 380 lm	203141
1 x 4W LED	4000 K	1 x 387 lm	203143
1 x 4W LED	6000 K	1 x 395 lm	203144
Led Lamp		G9	203101





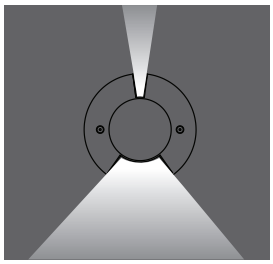
Power	Kelvin	Real Lumen Output	Code No
2 x 4W LED	2700 K	2 x 380 lm	204142
2 x 4W LED	3000 K	2 x 380 lm	204141
2 x 4W LED	4000 K	2 x 387 lm	204143
2 x 4W LED	6000 K	2 x 395 lm	204144
Led Lamp		G9	204101





Power	Kelvin	Real Lumen Output	Code No
1 x 11W LED	2700 K	1045 lm	202142
1 x 11W LED	3000 K	1045 lm	202141
1 x 11W LED	4000 K	1065 lm	202143
1 x 11W LED	6000 K	1087 lm	202144
Led Lamp		G9	202101





Power	Kelvin	Real Lumen Output	Code No
2 x 4W LED	2700 K	2 x 380 lm	205142
2 x 4W LED	3000 K	2 x 380 lm	205141
2 x 4W LED	4000 K	2 x 387 lm	205143
2 x 4W LED	6000 K	2 x 395 lm	205144
Led Lamp		G9	205101

ASSOS

RECESSED DRIVE OVER FIXTURES
Load 15 kN | Class I IP67 IK10

EMFA's Assos 4 series is specially designed to light facades, columns, monuments and trees. The fixture can be equipped with metal halide or fluorescent lamps. The fixture has 3 different options of cover: 316L stainless steel, die cast aluminium or bronze in combination with the die cast aluminium body which allows for IP67 and IK10 and a load of 15kN. The fixture comes with a polyamide recessing tube for easy mounting in the ground or concrete. A louvre can be ordered separately to reduce the glare of the lamps. An anti-slip glass is available upon request.



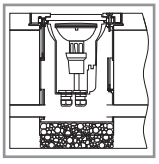


Fixed Adjustable

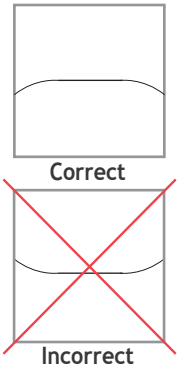
Cover
Die cast aluminium / 316L Stainless Steel
Body
Die cast aluminium or aluminium profile with
die cast aluminium bottom and connection box.
Gaskets
Silicone
Diffusers
15 mm Tempered Glass
Screws
316L Stainless steel
Glands
2 x PG 13.5
Recessing Tube
Polyamide 6



Mounting Feature



Provide at least 30 cm of drainage gravel to avoid the accumulation of water under the fixture.
To make the fixture drive over, the recessing tube should be mounted flush to the ground.



When mounting the fixture on uneven surfaces, place so that the water does not accumulate on the surface of the fixture.

Accessories:



Louvre
To avoid glare.
Can be applied to all lamp types except PAR 30 and 38 Code No 955105



Dichroic Color Glass Filter
Can be applied to all lamp types except PAR 38.

Code No 955101 - Blue
Code No 955102 - Red
Code No 955103 - Yellow
Code No 955104 - Green

Caution:
The louvre and filter cannot be applied to the standard fixture. These options should be mentioned when ordering.



Anti-slip Glass

Please contact for this option.

EMFA

ASSOS RECESSED DRIVE OVER FIXTURES
Load 15 kN | Class I IP67 IK10



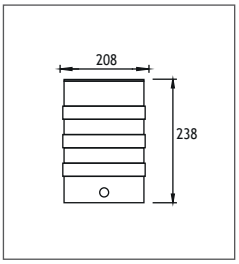


Voltage : 240 VAC with integrated driver (24V AC or DC on request)
Diffuser : 12 mm Clear Glass (Frosted Glass on request)
Cable : Potted 1m 3x1 H03 VV-F
Finish : EMFA Anthracite · RAL 7039 / 7016 / 9005 / 9016 / 6013 / 8014 – other RAL on request

ASSOS 4 LED LAMP





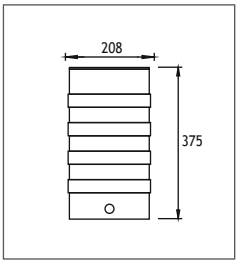


Power	Lampholder	Code No Alum	Code No Inox
PAR30 Led Lamp	E27 Adjustable	221311	221321

ASSOS 4 METAL HALIDE





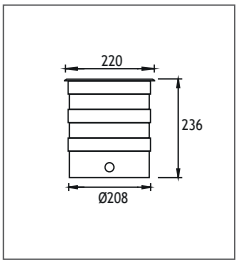


Power	Lampholder	Code No Alum	Code No Inox
35W METAL HALIDE	Gx8.5 Adjustable	206271	207271
70W METAL HALIDE	Gx8.5 Adjustable	206231	207231
35W METAL HALIDE	G 12 Adjustable	206241	207241
70W METAL HALIDE	G 12 Adjustable	206251	207251
150W METAL HALIDE	G 12 Adjustable	206261	207261

ASSOS 6 LED LAMP





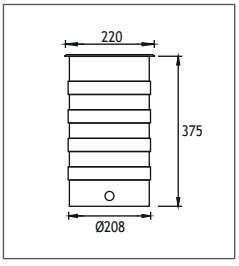


Power	Lampholder	Code No Inox
PAR30 Led Lamp	E27 Adjustable	221391

ASSOS 6 METAL HALIDE







Power	Lampholder	Code No Inox
35W METAL HALIDE	Gx8.5 Adjustable	212271
70W METAL HALIDE	G 12 Adjustable	212241
35W METAL HALIDE	Gx8.5 Adjustable	212201
70W METAL HALIDE	G 12 Adjustable	212211
150W METAL HALIDE	G 12 Adjustable	212221