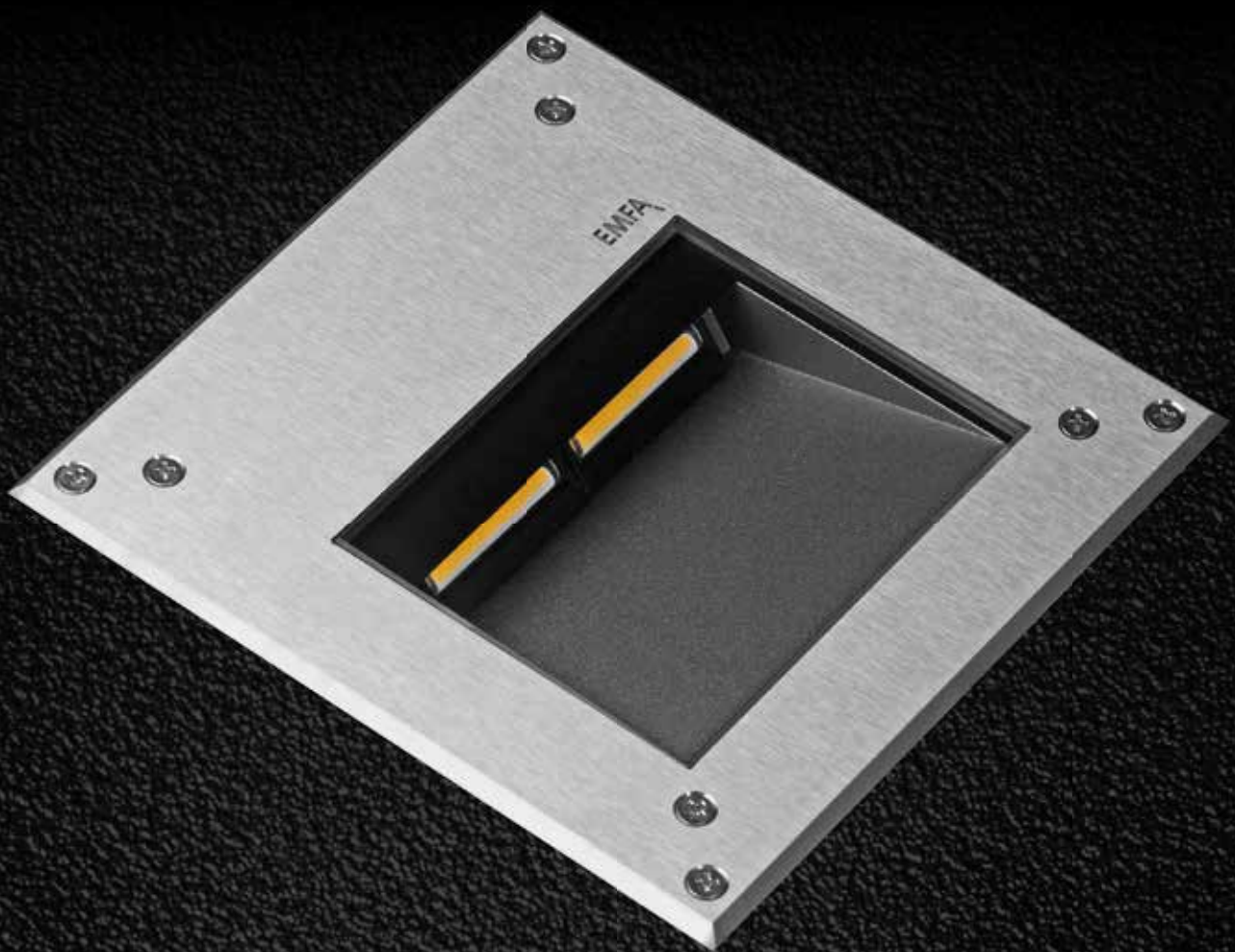


EMFA

 Ani Series



EMFA



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

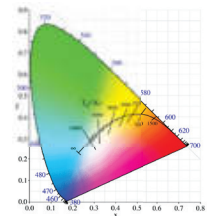
Screws

316L Stainless Steel

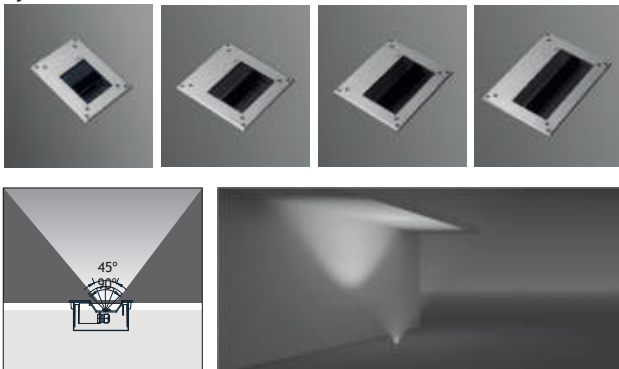


"Customization" is EMFA's standard

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

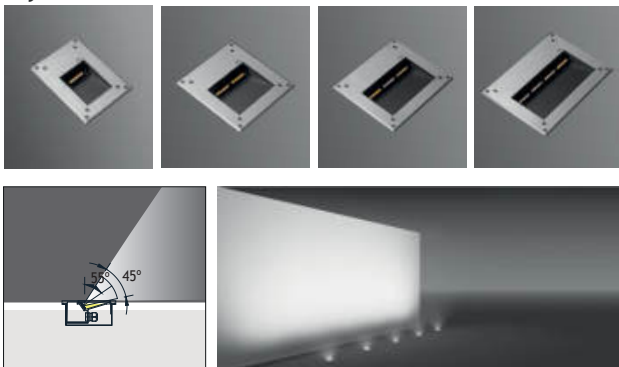


Galvanized
Recessing Box

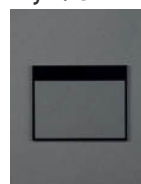
LEDs

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.

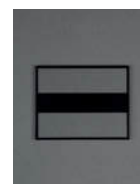
Asymmetrical



Asym. Glass



Trenched Glass



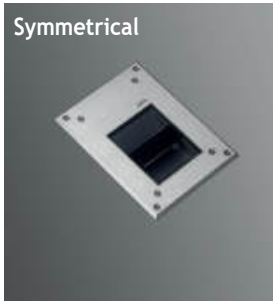
Milky Glass



Clear Glass



Symmetrical

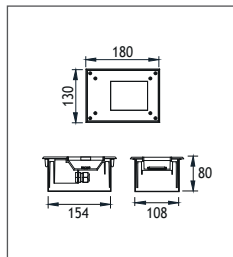
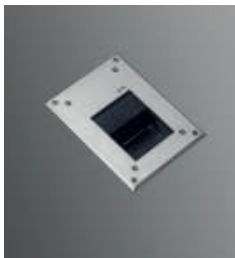


Asymmetrical



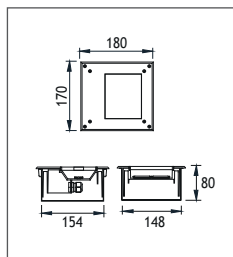
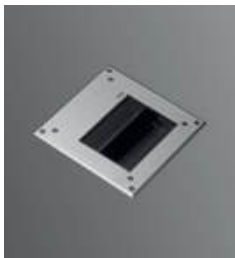
Led : Linear LEDs
Voltage : 240 VAC with integrated driver
 (12-24 VDC on request)
Diffuser : 8 mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F

ANI 1



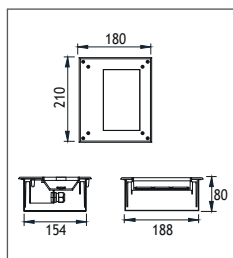
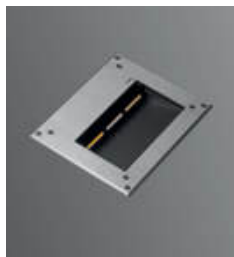
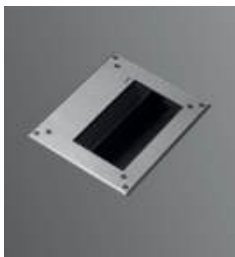
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	450003	450503
6W	3000 K	570 lm	450001	450501
6W	4000 K	581 lm	450002	450502
12W	2700 K	1140 lm	450013	450513
12W	3000 K	1140 lm	450011	450511
12W	4000 K	1195 lm	450012	450512

ANI 2



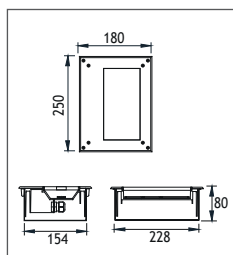
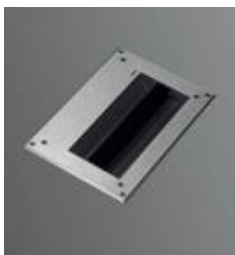
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	450103	450603
6W	3000 K	570 lm	450101	450601
6W	4000 K	690 lm	450102	450602
12W	2700 K	1140 lm	450113	450613
12W	3000 K	1140 lm	450111	450611
12W	4000 K	1195 lm	450112	450612

ANI 3

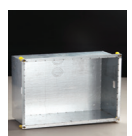


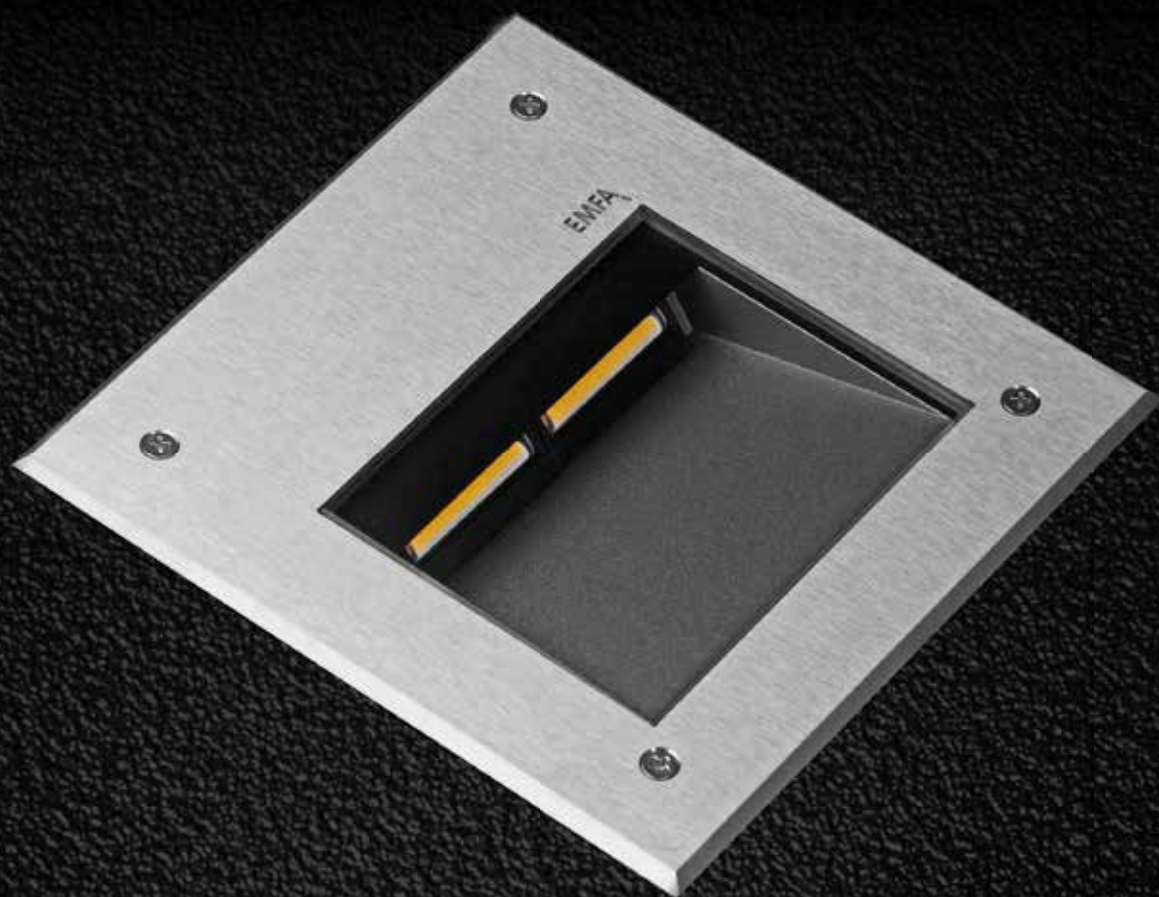
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
12W	2700 K	1140 lm	450203	450703
12W	3000 K	1140 lm	450201	450701
12W	4000 K	1195 lm	450202	450702
24W	2700 K	2280 lm	450213	450713
24W	3000 K	2280 lm	450211	450711
24W	4000 K	2320 lm	450212	450712

ANI 4



Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	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





EMFA

MILET ANI

RECESSED WALK OVER FIXTURES

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

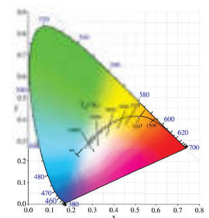
Screws

316L Stainless Steel

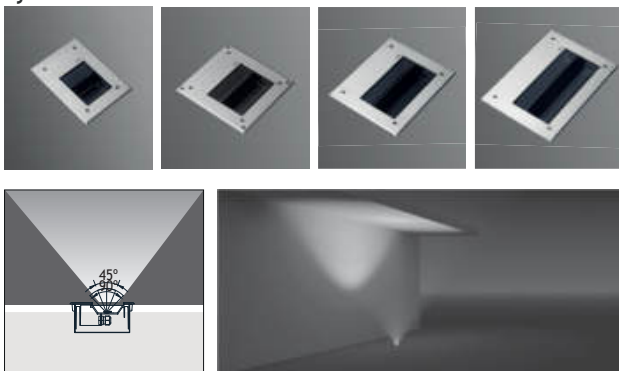


"Customization" is EMFA's standard

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

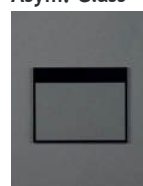
LEDs

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.

Asymmetrical



Asym. Glass



Trenched Glass



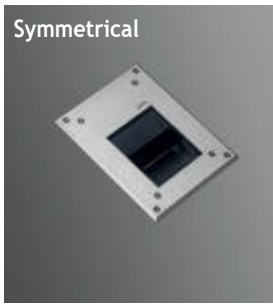
Milky Glass



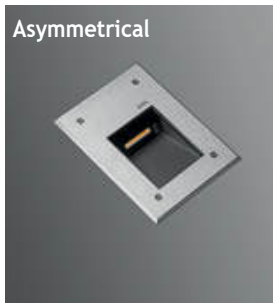
Clear Glass



Symmetrical

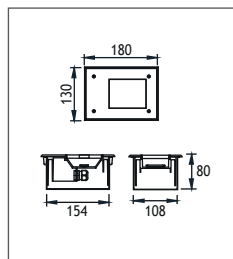
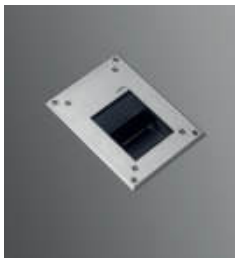


Asymmetrical



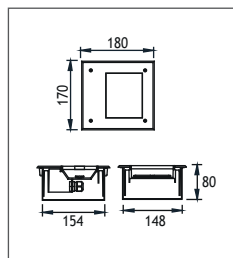
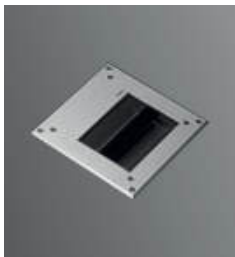
Led : Linear LEDs
Voltage : 240 VAC with integrated driver
 (12-24 VDC on request)
Diffuser : 8mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80
Cable : Potted 1m 3x1 H03 VV-F

ANI 1



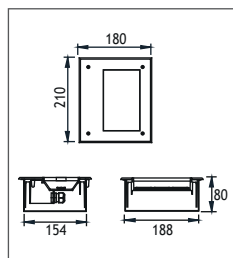
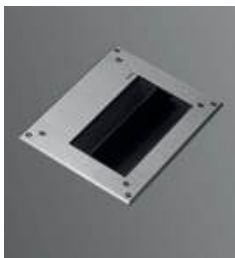
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	451003	451503
6W	3000 K	570 lm	451001	451501
6W	4000 K	581 lm	451002	451502
12W	2700 K	1140 lm	451013	451513
12W	3000 K	1140 lm	451011	451511
12W	4000 K	1195 lm	451012	451512

ANI 2



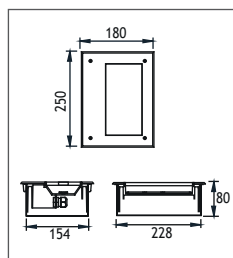
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	451103	451603
6W	3000 K	570 lm	451101	451601
6W	4000 K	581 lm	451102	451602
12W	2700 K	1140 lm	451113	451613
12W	3000 K	1140 lm	451111	451611
12W	4000 K	1195 lm	451112	451612

ANI 3



Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
12W	2700 K	1140 lm	451203	451703
12W	3000 K	1140 lm	451201	451701
12W	4000 K	1195 lm	451202	451702
24W	2700 K	2280 lm	451213	451713
24W	3000 K	2280 lm	451211	451711
24W	4000 K	2320 lm	451212	451712

ANI 4



Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
24W	2700 K	2280 lm	451321	451821
24W	3000 K	2280 lm	451331	451831
24W	4000 K	2320 lm	451301	451801
36W	2700 K	3420 lm	451311	451811
36W	3000 K	3420 lm	451302	451802
36W	4000 K	3520 lm	451312	451812



EMFA

MILET ANI

WALL RECESSED

Class I IP65 IK08

Available in any of these RAL colors

7004	7016	9005	9016	6002	1015
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EMFA's Ani wall recessed 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 or 8 mm Tempered Glass

Screws

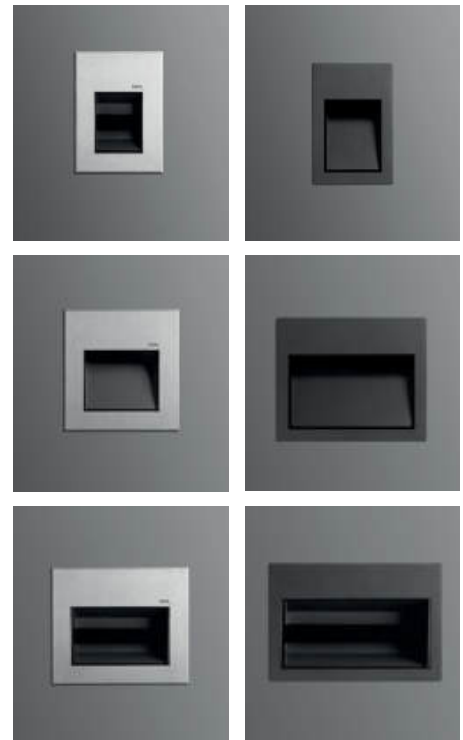
316L Stainless Steel

Glands

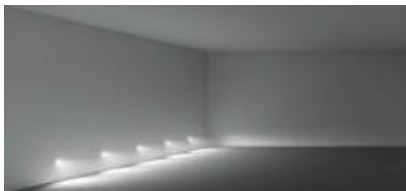
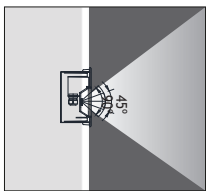
PG 11

"Customization" is EMFA's standard

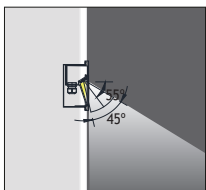
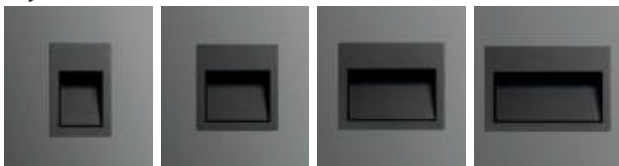
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 6 standard paint colors, 8 LED colors, and 2 wattages, are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well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



Symmetrical



Asymmetrical



Galvanized Recessing Box

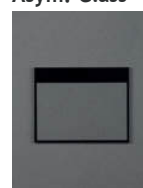


end of the code number "s" add for Screw mounting option for

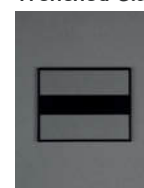
LEDs

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



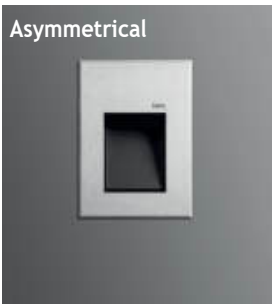
Clear Glass



Symmetrical

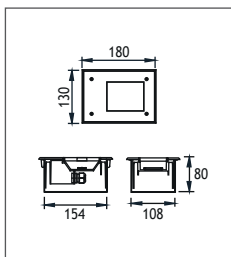


Asymmetrical



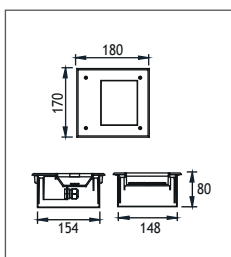
Led : Linear LEDs
Voltage : 240 VAC with integrated driver
 (12-24 VDC on request)
Diffuser : 8mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F

ANI 1 Inox



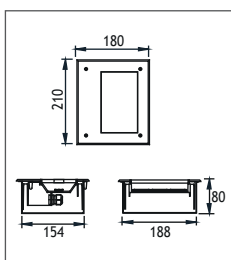
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	456003	456503
6W	3000 K	570 lm	456001	456501
6W	4000 K	581 lm	456002	456502
12W	2700 K	1140 lm	456013	456513
12W	3000 K	1140 lm	456011	456511
12W	4000 K	1195 lm	456012	456512

ANI 2 Inox



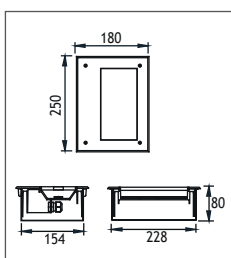
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	456103	456603
6W	3000 K	570 lm	456101	456601
6W	4000 K	581 lm	456102	456602
12W	2700 K	1140 lm	456113	456613
12W	3000 K	1140 lm	456111	456611
12W	4000 K	1195 lm	456112	456612

ANI 3 Inox



Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
12W	2700 K	1140 lm	456203	456703
12W	3000 K	1140 lm	456201	456701
12W	4000 K	1195 lm	456202	456702
24W	2700 K	2280 lm	456213	456713
24W	3000 K	2280 lm	456211	456711
24W	4000 K	2320 lm	456212	456712

ANI 4 Inox



Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
24W	2700 K	2280 lm	456303	456803
24W	3000 K	2280 lm	456301	456801
24W	4000 K	2320 lm	456302	456802
36W	2700 K	3420 lm	456313	456813
36W	3000 K	3420 lm	456311	456811
36W	4000 K	3520 lm	456312	456812



Galvanized
Recessing Box

Symmetrical

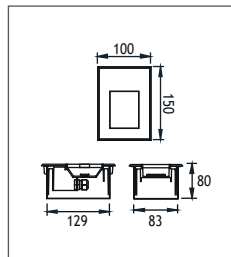


Asymmetrical



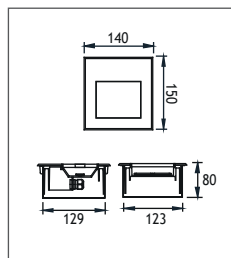
Led : Linear LEDs
Voltage : 240 VAC with integrated driver
 (12-24 VDC on request)
Diffuser : 4mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F

ANI 1 Alum



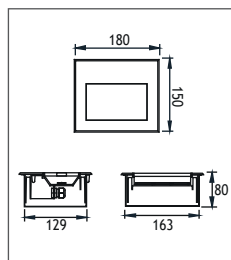
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	455003	455503
6W	3000 K	570 lm	455001	455501
6W	4000 K	581 lm	455002	455502
12W	2700 K	1140 lm	455013	455513
12W	3000 K	1140 lm	455011	455511
12W	4000 K	1195 lm	455012	455512

ANI 2 Alum



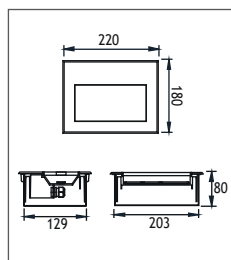
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	455103	455603
6W	3000 K	570 lm	455101	455601
6W	4000 K	581 lm	455102	455602
12W	2700 K	1140 lm	455113	455613
12W	3000 K	1140 lm	455111	455611
12W	4000 K	1195 lm	455112	455612

ANI 3 Alum

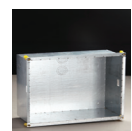


Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
12W	2700 K	1140 lm	455203	455703
12W	3000 K	1140 lm	455201	455701
12W	4000 K	1195 lm	455202	455702
24W	2700 K	2280 lm	455213	455713
24W	3000 K	2280 lm	455211	455711
24W	4000 K	2320 lm	455212	455712

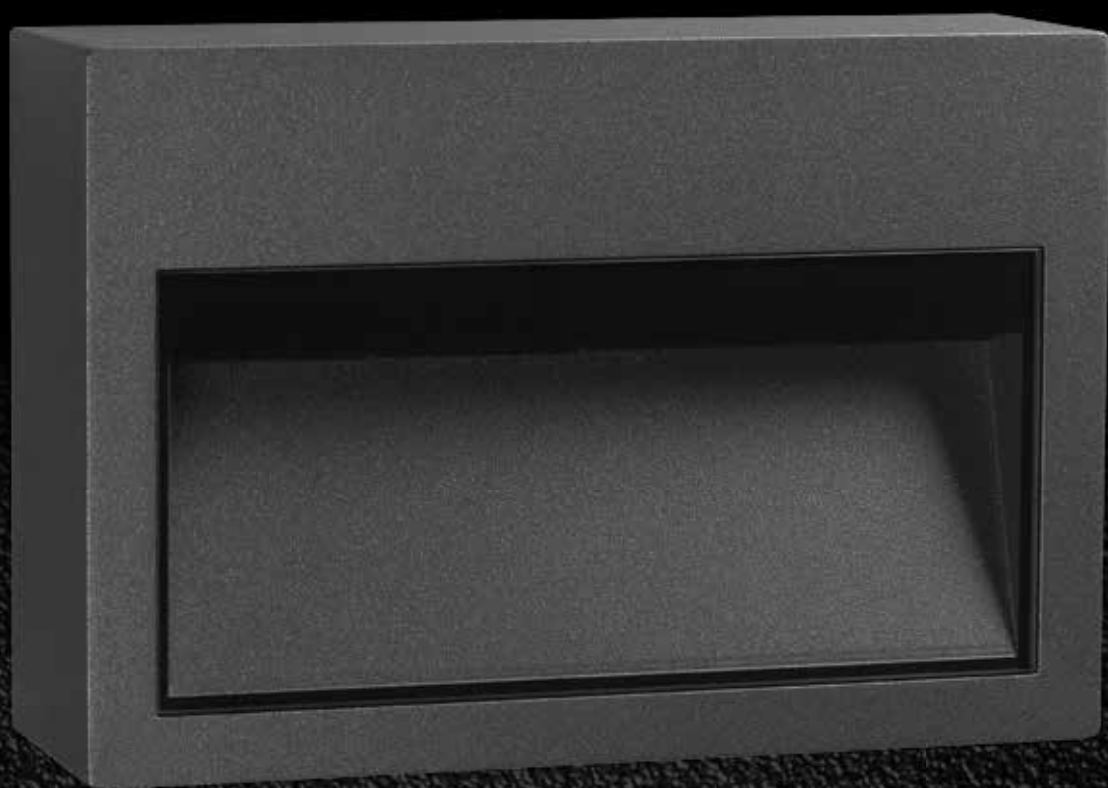
ANI 4 Alum



Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
24W	2700 K	2280 lm	455303	455803
24W	3000 K	2280 lm	455301	455801
24W	4000 K	2320 lm	455302	455802
36W	2700 K	3420 lm	455313	455813
36W	3000 K	3420 lm	455311	455811
36W	4000 K	3520 lm	455312	455812



Galvanized
Recessing Box

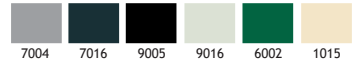


EMFA

MILET ANI

WALL SURFACE Class I IP67 IK08

Available in any
of these RAL colors



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

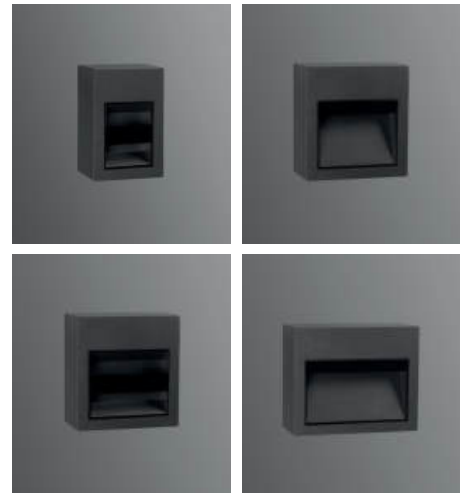
4 mm Tempered Glass

Screws

316L Stainless Steel

Glands

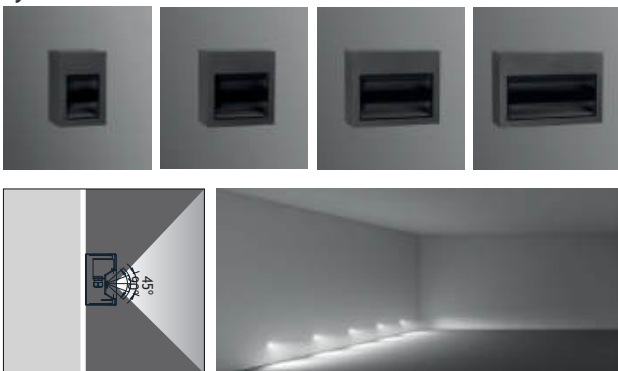
PG 11



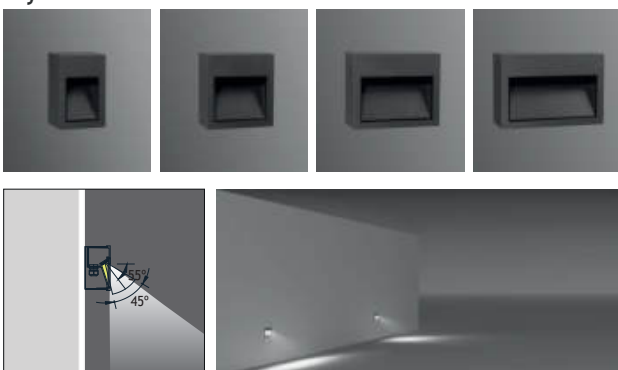
"Customization" is EMFA's standard

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

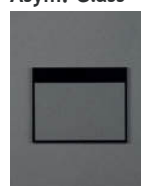


end of the code
number "s" add
for Screw
mounting option for

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



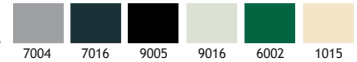
Clear Glass



MILET ANI

WALL SURFACE FIXED Class I IP67 IK08

Available in any
of these RAL colors



Symmetrical

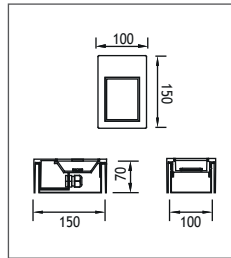


Asymmetrical



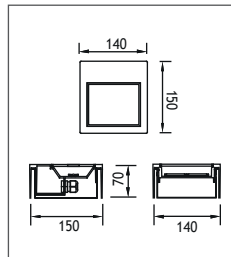
Led : Linear LEDs
Voltage : 240 VAC with integrated driver
 (12-24 VDC on request)
Diffuser : 8mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F

ANI 1



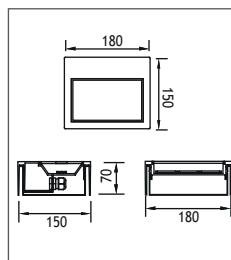
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	457003	457503
6W	3000 K	570 lm	457001	457501
6W	4000 K	581 lm	457002	457502
12W	2700 K	1140 lm	457013	457513
12W	3000 K	1140 lm	457011	457511
12W	4000 K	1195 lm	457012	457512

ANI 2



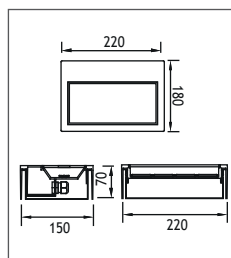
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	457103	457603
6W	3000 K	570 lm	457101	457601
6W	4000 K	581 lm	457102	457602
12W	2700 K	1140 lm	457113	457613
12W	3000 K	1140 lm	457111	457611
12W	4000 K	1195 lm	457112	457612

ANI 3



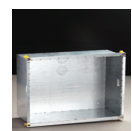
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
12W	2700 K	1140 lm	457203	457703
12W	3000 K	1140 lm	457201	457701
12W	4000 K	1195 lm	457202	457702
24W	2700 K	2280 lm	457213	457713
24W	3000 K	2280 lm	457211	457711
24W	4000 K	2320 lm	457212	457712

ANI 4



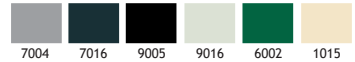
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
24W	2700 K	2280 lm	457303	457803
24W	3000 K	2280 lm	457301	457801
24W	4000 K	2320 lm	457302	457802
36W	2700 K	3420 lm	457313	457813
36W	3000 K	3420 lm	457311	457811
36W	4000 K	3520 lm	457312	457812

EMFA



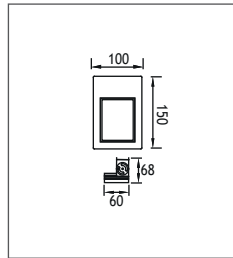
Galvanized
Recessing Box

Available in any
of these RAL colors



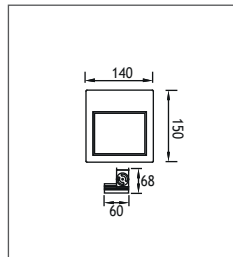
Led : Linear LEDs
Voltage : 240 VAC with integrated driver
 (12-24 VDC on request)
Diffuser : 8mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80 or >90
Cable : Potted 1m 3x1 H03 VV-F

ANI 1



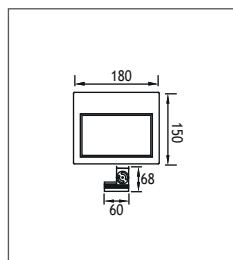
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	454003	454503
6W	3000 K	570 lm	454001	454501
6W	4000 K	581 lm	454002	454502
12W	2700 K	1140 lm	454013	454513
12W	3000 K	1140 lm	454011	454511
12W	4000 K	1195 lm	454012	454512

ANI 2



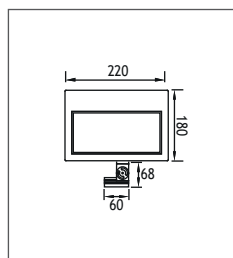
Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	Asymmetrical
6W	2700 K	570 lm	454103	454603
6W	3000 K	570 lm	454101	454601
6W	4000 K	581 lm	454102	454602
12W	2700 K	1140 lm	454113	454613
12W	3000 K	1140 lm	454111	454611
12W	4000 K	1195 lm	454112	454612

ANI 3



Power	Kelvin	Real Lumen Output	Code No	
			Symmetrical	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	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

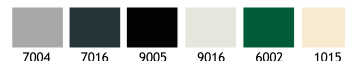


EMFA

ANI WALLWASHER LED SPOTS

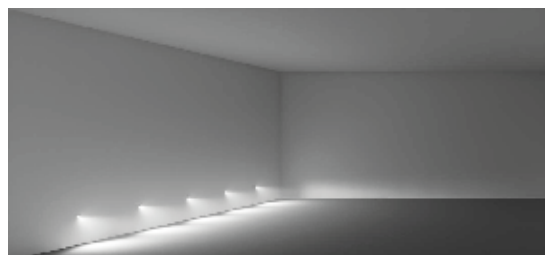
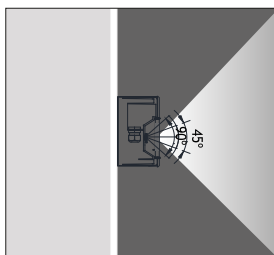
Class I IP55 IK08

Available in any
of these RAL colors



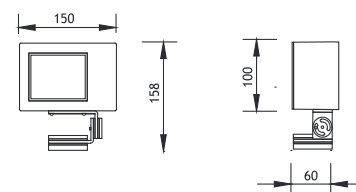
Symmetrical

Led : Linear LEDs
Voltage : 240 VAC with integrated driver
 (12-24 VDC on request)
Diffuser : 4mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80
L.O.R % : %70



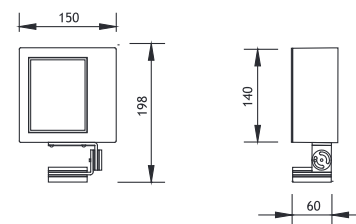
ANI 1

Power	Code No	Kelvin	Real Lumen Output	Nominal Lumen Output
6W	454001	3000 K	600 lm	850 lm
12W	454011	3000 K	1020 lm	1460 lm
6W	454002	4000 K	690 lm	977 lm
12W	454012	4000 K	1173 lm	1679 lm



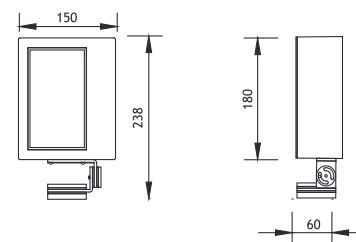
ANI 2

Power	Code No	Kelvin	Real Lumen Output	Nominal Lumen Output
12W	454101	3000 K	1020 lm	1460 lm
24W	454111	3000 K	1780 lm	2550 lm
12W	454102	4000 K	1173 lm	1679 lm
24W	454112	4000 K	2047 lm	2932 lm



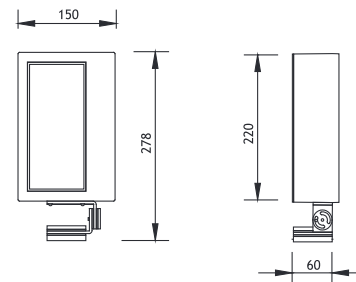
ANI 3

Power	Code No	Kelvin	Real Lumen Output	Nominal Lumen Output
18W	454201	3000 K	1200 lm	1700 lm
36W	454211	3000 K	2300 lm	3300 lm
18W	454202	4000 K	1380 lm	1955 lm
36W	454212	4000 K	2645 lm	2932 lm



ANI 4

Power	Code No	Kelvin	Real Lumen Output	Nominal Lumen Output
24W	454301	3000 K	1780 lm	2550 lm
48W	454311	3000 K	3080 lm	4300 lm
24W	454302	4000 K	2047 lm	2932 lm
48W	454312	4000 K	3542 lm	5060 lm

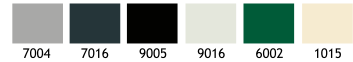


MILET ANI

WALLWASHER LED SPOTS

Class I IP55 IK08

Available in any
of these RAL colors



EMFA's Ani wallwasher 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 LED's. The Linear LEDs with special lenses gives excellent wallwashing effect. An anti-slip glass is available upon request.

Body

Die cast aluminium

Gaskets

Silicone

Diffusers

4 mm Tempered Glass

Screws

316L Stainless Steel

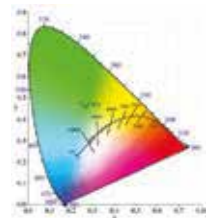
Glands

PG 11

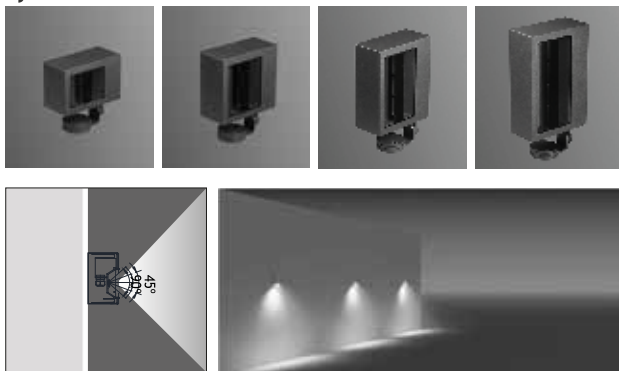


"Customization" is EMFA's standard

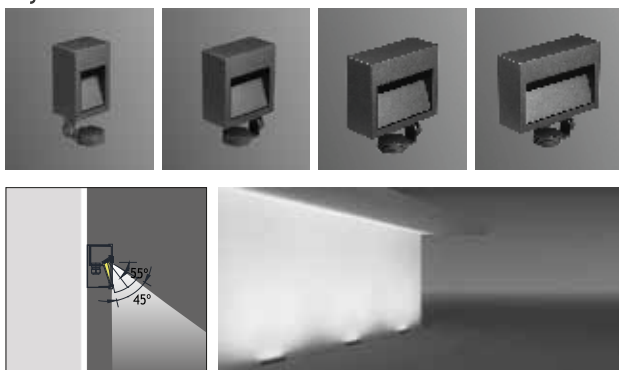
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 6 standard paint colors, 8 LED colors, and 2 wattages, and available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well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



Symmetrical



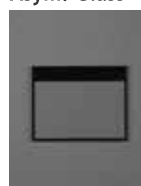
Asymmetrical



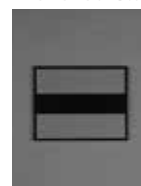
LEDs

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



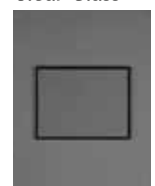
Trenched Glass



Milky Glass



Clear Glass



ANI WALLWASHER LED SPOTS

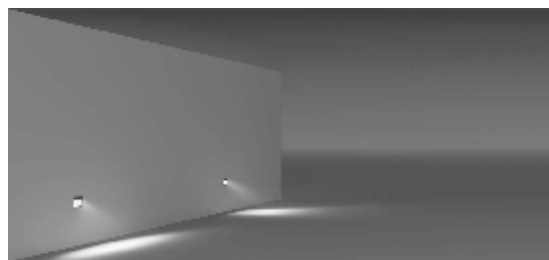
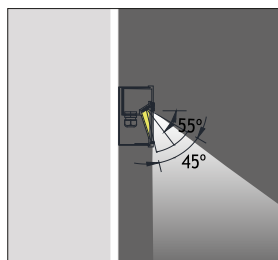
Class I IP55 IK08

Available in any of these RAL colors

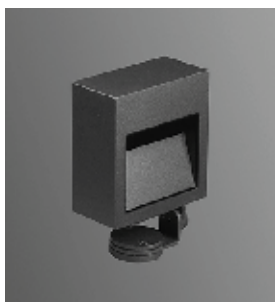
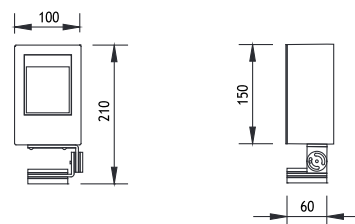
7004	7016	9005	9016	6002	1015
------	------	------	------	------	------

Asymmetrical

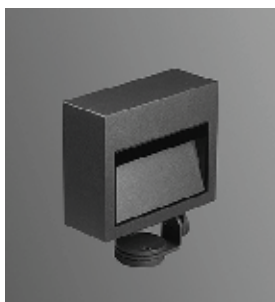
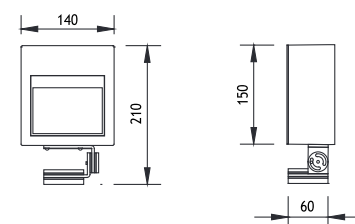
Led : Linear LEDs
Voltage : 240 VAC with integrated driver
 (12-24 VDC on request)
Diffuser : 4mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : 80
L.O.R % : %64



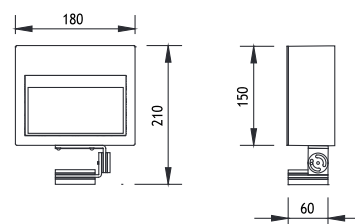
ANI 1			Real Lumen Output	Nominal Lumen Output
Power	Code No	Kelvin		
6W	454501	3000 K	600 lm	850 lm
12W	454511	3000 K	1020 lm	1460 lm
6W	454502	4000 K	690 lm	977 lm
12W	454512	4000 K	1173 lm	1679 lm



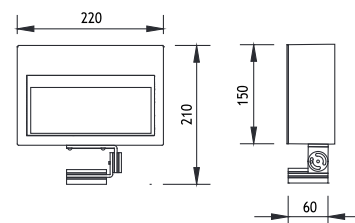
ANI 2			Real Lumen Output	Nominal Lumen Output
Power	Code No	Kelvin		
12W	454601	3000 K	1020 lm	1460 lm
24W	454611	3000 K	1780 lm	2550 lm
12W	454602	4000 K	1173 lm	1679 lm
24W	454612	4000 K	2047 lm	2932 lm



ANI 3			Real Lumen Output	Nominal Lumen Output
Power	Code No	Kelvin		
18W	454701	3000 K	1200 lm	1700 lm
36W	454711	3000 K	2300 lm	3300 lm
18W	454702	4000 K	1380 lm	1955 lm
36W	454712	4000 K	2645 lm	2932 lm



ANI 4			Real Lumen Output	Nominal Lumen Output
Power	Code No	Kelvin		
24W	454801	3000 K	1780 lm	2550 lm
48W	454811	3000 K	3080 lm	4300 lm
24W	454802	4000 K	2047 lm	2932 lm
48W	454812	4000 K	3542 lm	5060 lm



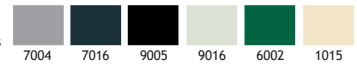


EMFA

ANI 1 ALUM LED BOLLARD

Class I IP65 IK08

Available in any
of these RAL colors



EMFA's Ani Bollard combines a die-cast aluminium head housing an LED unit with an extrusion aluminium pipe. The bollard is designed to light pathways, landscapes and open spaces. The Ani bollard gives light only in the downward direction. This avoids any kind of glare and light pollution. The head and pipe are connected by a hidden screw within the pipe. The head contains LEDs that can be powered up to 12W. An optional galvanized steel anchorage kit is available for mounting into concrete. An alternative option is sleeve anchors for mounting onto existing concrete or a picket to mount into the earth.

Profile

Aluminium

Body

Die cast aluminium

Gaskets

Silicone

Diffusers

4 mm Tempered Glass

Screws

316L Stainless steel

Glands

PG 11

Linear LEDs

Led : Linear LEDs

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

Diffuser : 4 mm Tempered Glass

Beam Angle : 45° / 60° / 90°

Mac Adam : 3

CRI : >80

L.O.R % : %70



Asym. Glass



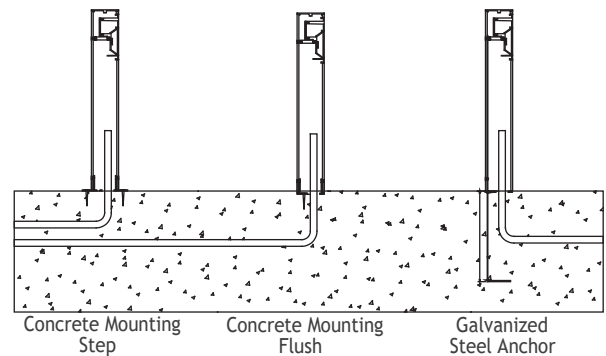
Trenched Glass



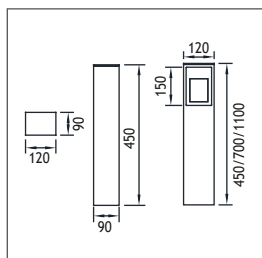
Milky Glass



Clear Glass

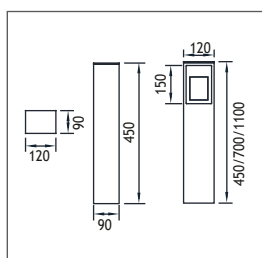


SYMMETRICAL



Power	Kelvin	Real Lumen Output	Beam Angle	450 mm	700 mm	1100 mm
6W	2700 K	570 lm	45° / 60° / 90°	452003	452103	452203
6W	3000 K	570 lm	45° / 60° / 90°	452001	452101	452201
6W	4000 K	581 lm	45° / 60° / 90°	452002	452102	452202
12W	2700 K	1140 lm	45° / 60° / 90°	452013	452113	452213
12W	3000 K	1140 lm	45° / 60° / 90°	452011	452111	452211
12W	4000 K	1162 lm	45° / 60° / 90°	452012	452112	452212

ASYMMETRICAL



Power	Kelvin	Real Lumen Output	Beam Angle	450 mm	700 mm	1100 mm
6W	2700 K	570 lm	45° / 60° / 90°	452503	452603	452703
6W	3000 K	570 lm	45° / 60° / 90°	452501	452601	452701
6W	4000 K	581 lm	45° / 60° / 90°	452502	452602	452702
12W	2700 K	1140 lm	45° / 60° / 90°	452513	452613	452713
12W	3000 K	1140 lm	45° / 60° / 90°	452511	452611	452711
12W	4000 K	1162 lm	45° / 60° / 90°	452512	452612	452712

ANI 1 WOOD LED BOLLARDS

Class I IP65 IK08

Available in any of these RAL colors

7004	7016	9005	9016	6002	1015
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Real wood is the preferred material of architects for cutting edge designs. Our ANI Wood bollard is made of IROKO wood with an incredibly smooth finish. The Wood Bollard can blend into the architecture of a building and mature together with its surroundings. The simple form of the Wood Bollard is emphasized with the light that comes out from the solid structure.

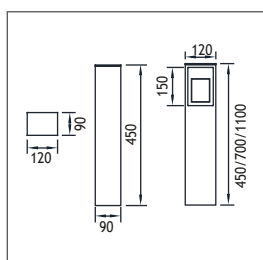
Body
Wood
Gaskets
Silicone
Diffusers
4 mm Tempered Glass
Screws
316L Stainless steel
Glands
PG 11



Linear LEDs

Led : Linear LEDs
Voltage : 240 VAC with integrated driver
(12-24 VDC on request)
Diffuser : 4 mm Tempered Glass
Beam Angle : 45° / 60° / 90°
Mac Adam : 3
CRI : >80
L.O.R % : %70

ASYMMETRICAL



Power	Kelvin	Real Lumen Output	Beam Angle	450 mm	700 mm	1100 mm
6W	2700 K	570 lm	45° / 60° / 90°	465001	465101	465201
6W	3000 K	570 lm	45° / 60° / 90°	465002	465102	465202
6W	4000 K	581 lm	45° / 60° / 90°	465003	465103	465203
12W	2700 K	1140 lm	45 / 60° / 90°	465011	465111	465211
12W	3000 K	1140 lm	45° / 60° / 90°	465012	465112	465212
12W	4000 K	1162 lm	45° / 60° / 90°	465013	465113	465213

ANI 4

ALUM LED BOLLARD

Class I IP55 IK08

Available in any of these RAL colors

7004	7016	9005	9016	6002	1015
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Profile

Aluminium

Body

Die cast aluminium

Gaskets

Silicone

Diffusers

4 mm Tempered Glass

Screws

316L Stainless steel

Glands

PG 11

Linear LEDs

Led : Linear LEDs

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

Diffuser : 4 mm Tempered Glass

Beam Angle : 45° / 60° / 90°

Mac Adam : 3

CRI : >80

L.O.R % : %70



Asym. Glass



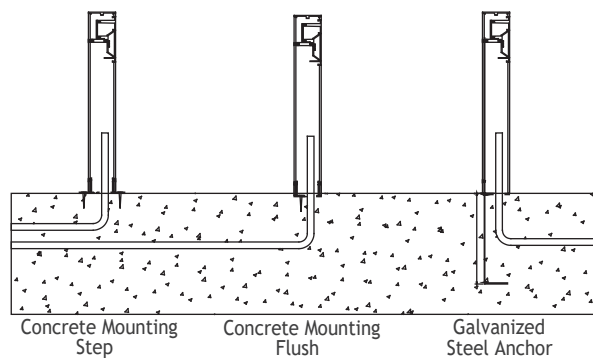
Trenched Glass



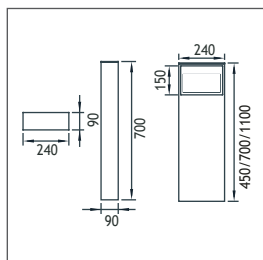
Milky Glass



Clear Glass

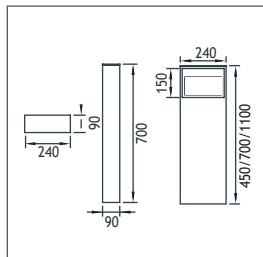


SYMMETRICAL



Power	Kelvin	Real Lumen Output	Beam Angle	450 mm	700 mm	1100 mm
24W	2700 K	2280 lm	45° / 60° / 90°	459003	459103	459203
24W	3000 K	2280 lm	45° / 60° / 90°	459001	459101	459201
24W	4000 K	2320 lm	45° / 60° / 90°	459002	459102	459202
36W	2700 K	3420 lm	45° / 60° / 90°	459013	459113	459213
36W	3000 K	3420 lm	45° / 60° / 90°	459011	459111	459211
36W	4000 K	3520 lm	45° / 60° / 90°	459012	459112	459212

ASYMMETRICAL



Power	Kelvin	Real Lumen Output	Beam Angle	450 mm	700 mm	1100 mm
24W	2700 K	2280 lm	45° / 60° / 90°	459503	459603	459703
24W	3000 K	2280 lm	45° / 60° / 90°	459501	459601	459701
24W	4000 K	2320 lm	45° / 60° / 90°	459502	459602	459702
36W	2700 K	3420 lm	45° / 60° / 90°	459513	459613	459713
36W	3000 K	3420 lm	45° / 60° / 90°	459511	459611	459711
36W	4000 K	3520 lm	45° / 60° / 90°	459512	459612	459712



EMFA's ANI pole mounted series have been designed for high efficiency and ease of installation incorporating the latest in LED technology and control systems. The special lens directs the light flow precisely and makes the whole luminaire system efficient. This compact and essential design is made of a combination of aluminium profile and die cast aluminium.

Pole

Aluminium profile

Body

Die cast aluminium

Gaskets

Silicone

Diffusers

4 mm Tempered Glass

Screws

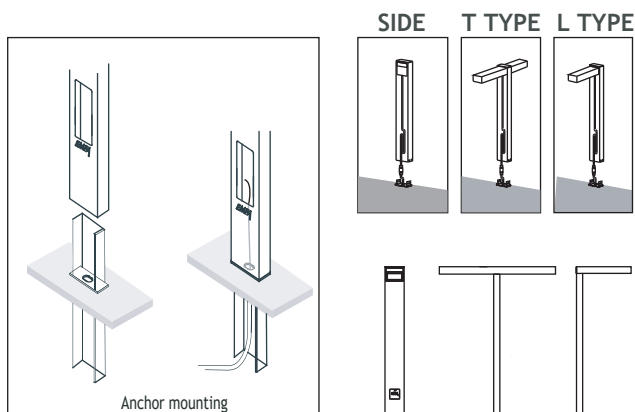
316L Stainless Steel

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.



Fuse Box



Anchor



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.

ANI 4

ALUM LED POLE

Class I IP65 IK08

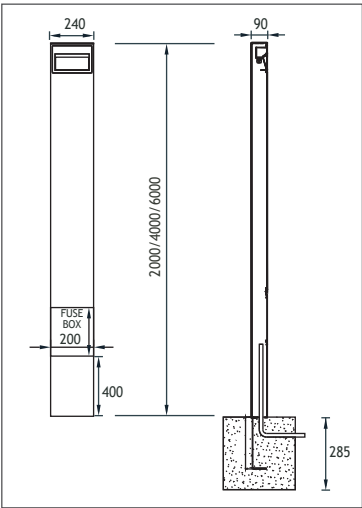
Available in any of these RAL colors

7004	7016	9005	9016	6002	1015
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- Led : Linear LEDs
- Voltage : 240 VAC with integrated driver (12-24 VDC on request)
- Diffuser : 4mm Tempered Glass
- Beam Angle : 45° / 60° / 90°
- Mac Adam : 3
- CRI : >80
- L.O.R % : %70



SIDE



Power	Kelvin	Real Lumen Output	Lens	Code No		
				2000mm	4000mm	6000mm
24W	2700 K	2280 lm	10°,25°,40°	460003	460103	460203
24W	3000 K	2280 lm	10°,25°,40°	460001	460101	460201
24W	4000 K	2320 lm	10°,25°,40°	460002	460102	460202
36W	2700 K	3420 lm	10°,25°,40°	460013	460113	460213
36W	3000 K	3420 lm	10°,25°,40°	460011	460111	460211
36W	4000 K	3520 lm	10°,25°,40°	460012	460112	460212

ANI 4

ALUM LED POLE

Class I IP65 IK08

Available in any of these RAL colors

7004

7016

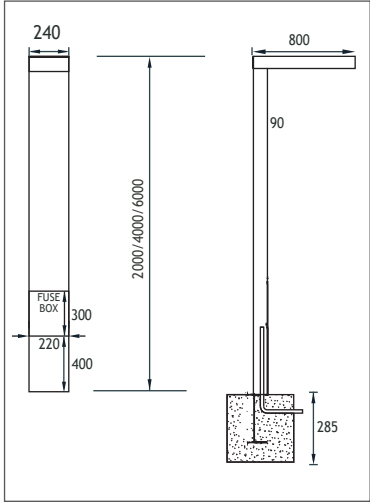
9005

9016

6002

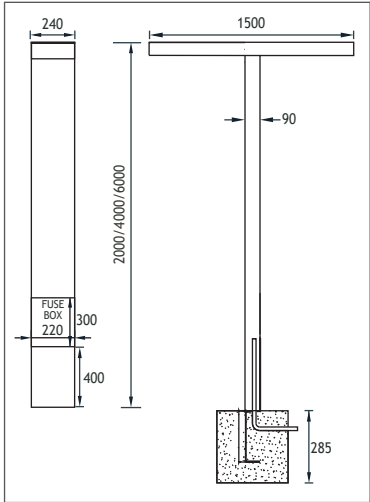
1015

L TYPE

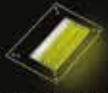


Power	Kelvin	Real Lumen Output	Lens	Code No		
				2000mm	4000mm	6000mm
24W	2700 K	2280 lm	10°,25°,40°	461003	461103	461203
24W	3000 K	2280 lm	10°,25°,40°	461001	461101	461201
24W	4000 K	2320 lm	10°,25°,40°	461002	461102	461202
36W	2700 K	3420 lm	10°,25°,40°	461013	461113	461213
36W	3000 K	3420 lm	10°,25°,40°	461011	461111	461211
36W	4000 K	3520 lm	10°,25°,40°	461012	461112	461212

T TYPE



Power	Kelvin	Real Lumen Output	Lens	Code No		
				2000mm	4000mm	6000mm
2x24W	2700 K	4560 lm	10°,25°,40°	462003	462103	462203
2x24W	3000 K	4560 lm	10°,25°,40°	462001	462101	462201
2x24W	4000 K	4640 lm	10°,25°,40°	462002	462102	462202
2x36W	2700 K	6840 lm	10°,25°,40°	462013	462113	462213
2x36W	3000 K	6840 lm	10°,25°,40°	462011	462111	462211
2x36W	4000 K	7040 lm	10°,25°,40°	462012	462112	462212



Driveover



Walkover



Wall recessed



Wall surface



Alum. bollard

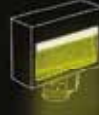
ANI SERIES



Wall recessed



Wall surface



Wallwasher spot



Wallwasher spot

headquarters

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