



EMMA 70






EMMA 110

EMMA 150

EMMA 70

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66.
- In compliance with EN 60598-1 standards.
- Class of insulation: I
- Installation: wiring through one cable holder (5mm\times10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	HALOGEN VERSION: Class B QR.CBC51/GU5,3
	HALOGEN VERSION: Class D QPARCBC51/GZ10



Wall fitting

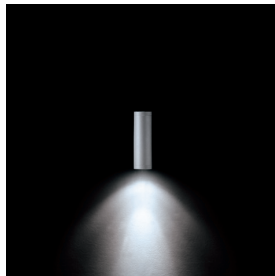


The fitting is equipped with 1 cable input

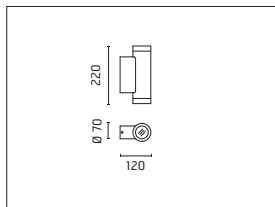
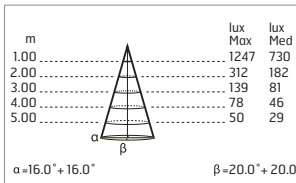
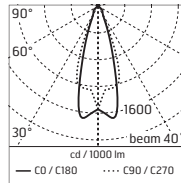


Protection against impact.
IK 08 - 5,00 joule

Emma70 / Unidirectional



1163321.A B
 QR CBC 51 35W
 230-240V GU5,3
 Integral electronic transformer



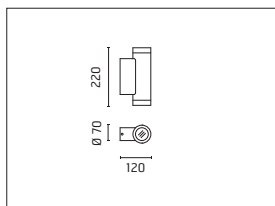
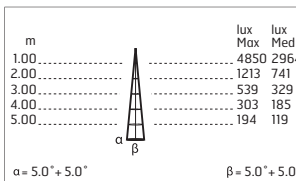
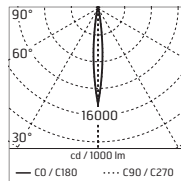
1162821.A D
 PAR 16 50W/230V GZ10



Emma70 Power LED / Unidirectional - Narrow Beam 10°

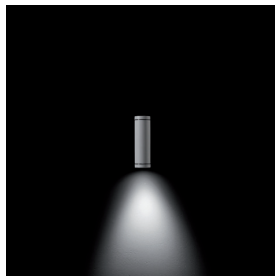


11617212.A A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/110÷240V
 Total power 5,5W
 Lm LED 342 \approx Lm OUTPUT 307
 CRI>80
 Integral electronic power supply

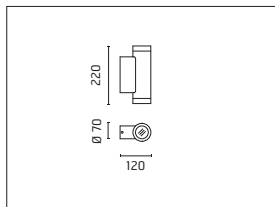
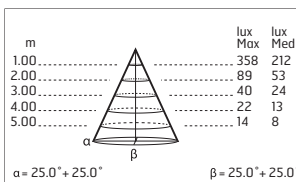
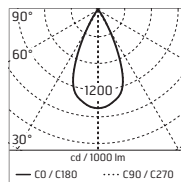


1165612.A A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 3,3W/110÷240V
 Total power 5,5W
 Lm LED 321 \approx Lm OUTPUT 288
 CRI>80
 Integral electronic power supply

Emma70 Power LED / Unidirectional - Wide Beam 50°

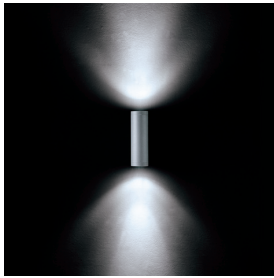


11617221.A A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/110÷240V
 Total power 5,5W
 Lm LED 342 \approx Lm OUTPUT 243
 CRI>80
 Integral electronic power supply

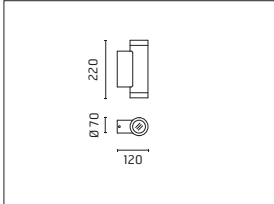
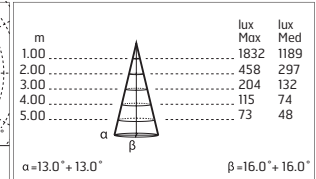
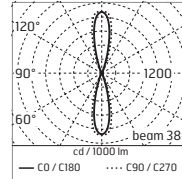


1165621.A A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 3,3W/110÷240V
 Total power 5,5W
 Lm LED 321 \approx Lm OUTPUT 228
 CRI>80
 Integral electronic power supply

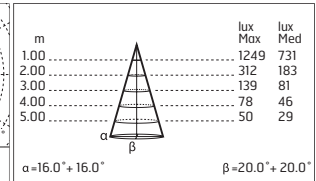
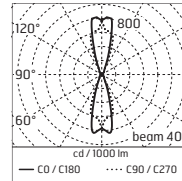
Emma70 / Bidirectional



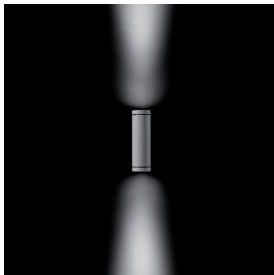
1163342.A B
QR CBC 51 2x35W
230-240V GU5,3
Integral electronic transformer



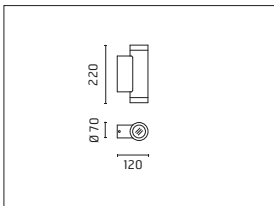
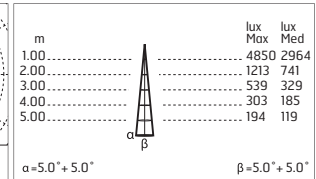
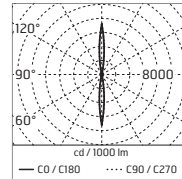
1162842.A D
PAR 16 2x50W/230V GZ10



Emma70 Power LED / Bidirectional - Narrow Beam 10°

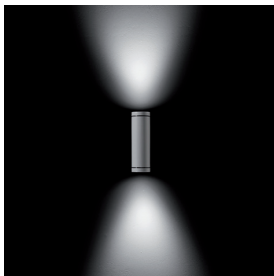


116172113.A A A+ A++
NATURAL WHITE 4000K
POWER LEDs
6,6W/110÷240V
Total power 10W
Lm LED 2x342 = Lm OUTPUT 2x307
CRI>80
Integral electronic power supply

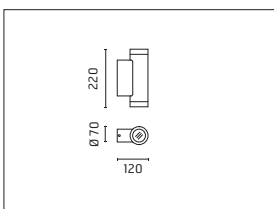
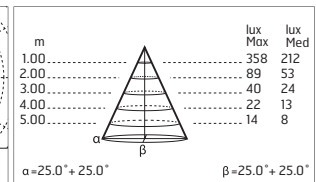
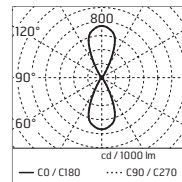


11656113.A A A+ A++
WARM WHITE 3000K
POWER LEDs
6,6W/110÷240V
Total power 10W
Lm LED 2x321 = Lm OUTPUT 2x288
CRI>80
Integral electronic power supply

Emma70 Power LED / Bidirectional - Wide Beam 50°



11617242.A A A+ A++
NATURAL WHITE 4000K
POWER LEDs
6,6W/110÷240V
Total power 10W
Lm LED 2x342 = Lm OUTPUT 2x243
CRI>80
Integral electronic power supply



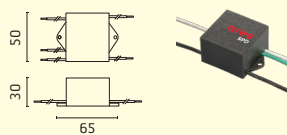
1165642.A A A+ A++
WARM WHITE 3000K
POWER LEDs
6,6W/110÷240V
Total power 10W
Lm LED 2x321 = Lm OUTPUT 2x228
CRI>80
Integral electronic power supply



Accessories: Emma70

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66









acc. code ▶	237
prod. code ▼	
1162821.A	
1162842.A	
1163321.A	
1163342.A	
1165612.A	●
1165621.A	●
1165642.A	●
11617212.A	●
11617221.A	●
11617242.A	●
11656113.A	●
116172113.A	●

EMMA110

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium fixing base and frames, EN AB-47100 alloy (low copper content), extruded aluminium body. Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66.
- In compliance with EN 60598-1 standards.
- Class of insulation: I.
- Installation: wiring through two cable holders (8mm\times12mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	HALOGEN VERSION: Class A/A+
	HIT-TC-CE/G8,5
	HALOGEN VERSION: Class D QPAP/E27



Wall fitting



The fitting is equipped with 2 cable input

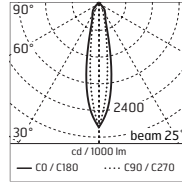


Protection against impact.
IK 08 - 5,00 joule

Emma110 / Unidirectional

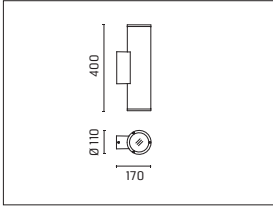


1170121.A D
QPAR 50W E27



m	lux	
	Max	Med
1.00	971	545
2.00	243	136
3.00	109	61
4.00	61	34
5.00	39	22

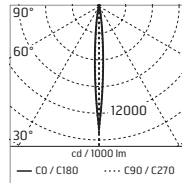
$\alpha = 11.0^\circ + 11.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$



Emma110 / Unidirectional - Narrow Beam 10°

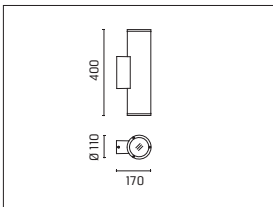


1176612.A A A+
HIT-TC-CE 20W G8.5
Electronic ballast



m	lux	
	Max	Med
1.00	23238	14073
2.00	5810	3518
3.00	2582	1564
4.00	1452	880
5.00	930	563

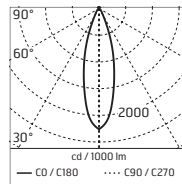
$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$



Emma110 / Unidirectional - Medium Beam 30°

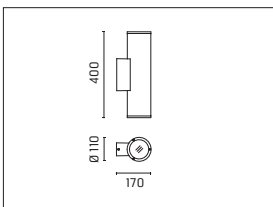


1176621.A A A+
HIT-TC-CE 20W G8.5
Electronic ballast

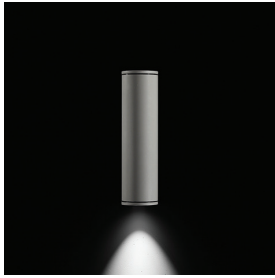


m	lux	
	Max	Med
1.00	3737	2261
2.00	934	565
3.00	415	251
4.00	234	141
5.00	149	90

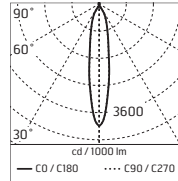
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



Emma110 CoB LED / Unidirectional - Narrow Beam 20°

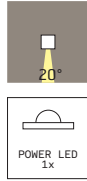
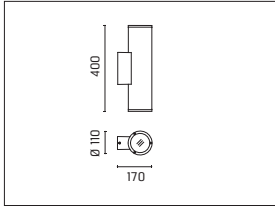


117268146.A A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1829 ≠ Lm OUTPUT 1641
 CRI>80
 Integral electronic power supply



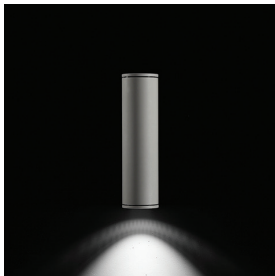
m	lux	
	Max	Med
1.00	6646	4085
2.00	1662	1021
3.00	738	454
4.00	415	235
5.00	266	163

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

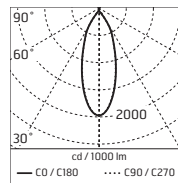


117269146.A A A+ A++
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1744 ≠ Lm OUTPUT 1564
 CRI>80
 Integral electronic power supply

Emma110 CoB LED / Unidirectional - Medium Beam 40°

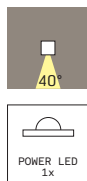
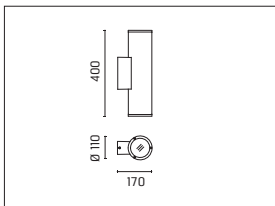


117268147.A A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1829 ≠ Lm OUTPUT 1628
 CRI>80
 Integral electronic power supply



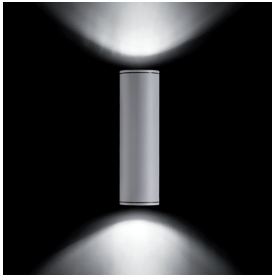
m	lux	
	Max	Med
1.00	3190	1852
2.00	797	463
3.00	354	206
4.00	199	116
5.00	128	74

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

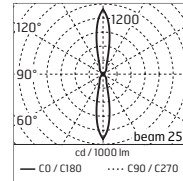


117269147.A A A+ A++
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1744 ≠ Lm OUTPUT 1552
 CRI>80
 Integral electronic power supply

Emma110 / Bidirectional

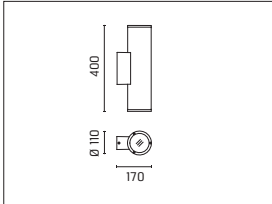


1170242.A **D**
QPAR20 2x50W E27

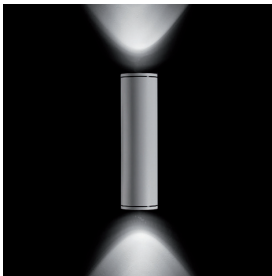


m	lux	
	Max	Med
1.00	972	546
2.00	243	136
3.00	108	61
4.00	61	34
5.00	39	22

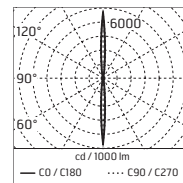
$\alpha = 11.0^\circ + 11.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$



Emma110 / Bidirectional - Narrow Beam 10°

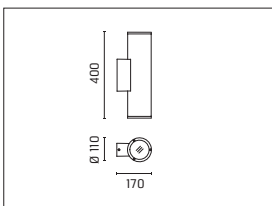


11715012.A **A A+**
HIT-TC-CE 2x20W G8.5
Electronic ballast



m	lux	
	Max	Med
1.00	23240	14074
2.00	5810	3519
3.00	2582	1567
4.00	1453	880
5.00	930	563

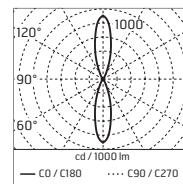
$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$



Emma110 / Bidirectional - Medium Beam 30°

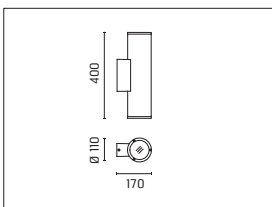


11715042.A **A A+**
HIT-TC-CE 2x20W G8.5
Electronic ballast

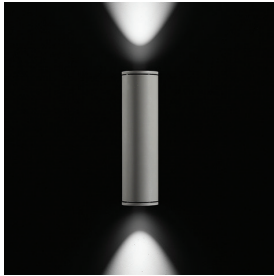


m	lux	
	Max	Med
1.00	3740	2263
2.00	935	566
3.00	416	251
4.00	234	151
5.00	150	91

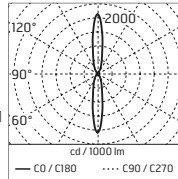
$\alpha = 15.0^\circ + 14.0^\circ$



Emma110 CoB LED / Bidirectional - Narrow Beam 20°

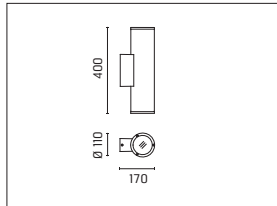


117268148.A **A A+ A++**
 NATURAL WHITE 4000K
 CoB LEDs
 24W/220÷240V
 Total power 30W
 Lm LED 2x1829 ≠ Lm OUTPUT 2x1641
 CRI>80
 Integral electronic power supply



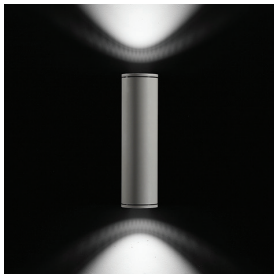
m	lux	
	Max	Med
1.00	6546	4085
2.00	1662	1021
3.00	738	454
4.00	415	255
5.00	266	163

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

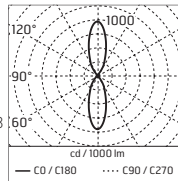


117269148.A **A A+ A++**
 WARM WHITE 3000K
 CoB LEDs
 24W/220÷240V
 Total power 30W
 Lm LED 2x1744 ≠ Lm OUTPUT 2x1564
 CRI>80
 Integral electronic power supply

Emma110 CoB LED / Bidirectional - Medium Beam 40°

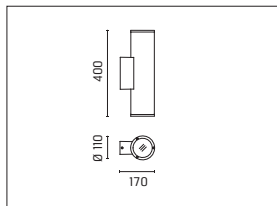


117268149.A **A A+ A++**
 NATURAL WHITE 4000K
 CoB LEDs
 24W/220÷240V
 Total power 30W
 Lm LED 2x1829 ≠ Lm OUTPUT 2x1628
 CRI>80
 Integral electronic power supply



m	lux	
	Max	Med
1.00	3190	1852
2.00	797	463
3.00	354	206
4.00	199	116
5.00	128	74

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

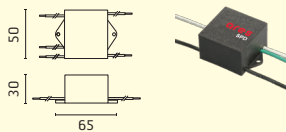


117269149.A **A A+ A++**
 WARM WHITE 3000K
 CoB LEDs
 24W/220÷240V
 Total power 30W
 Lm LED 2x1744 ≠ Lm OUTPUT 2x1552
 CRI>80
 Integral electronic power supply

.A

Accessories: Emma110

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



acc. code	237
prod. code	
1170121.A	
1170242.A	
1176612.A	
1176621.A	
11715012.A	
11715042.A	
117268146.A	●
117268147.A	●
117268148.A	●
117268149.A	●
117269146.A	●
117269147.A	●
117269148.A	●
117269149.A	●



EMMA 150

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium fixing base and frames, EN AB-47100 alloy (low copper content), extruded aluminium body. Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66.
- In compliance with EN 60598-1 standards.
- Class of insulation: I.
- Installation: wiring through two cable holders (8mm\times12mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



METAL HALIDE VERSION:

Class A+
HIT-TC-CE/G8,5



FLUORESCENT VERSION:

Class A
TC-TEL/GX24q-3



HALOGEN VERSION:

Class D
QPAR30S/E27



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting

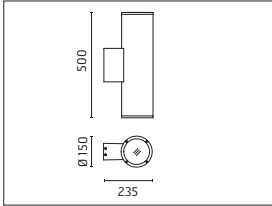


The fitting is equipped with 2 cable input

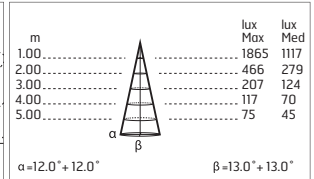
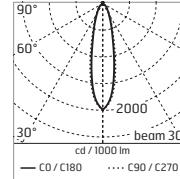


Protection against impact.
IK 08 - 5,00 joule

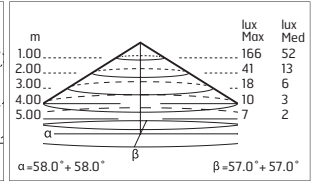
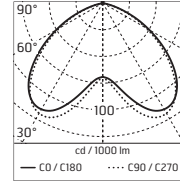
Emma150 / Unidirectional



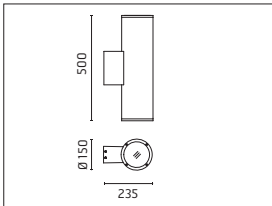
1180121.A D
QPAR30S 75W E27



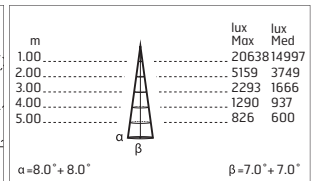
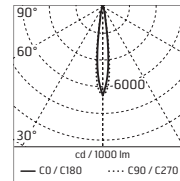
1189821.A A
TC-TEL 26W GX24 q-3
Electronic ballast



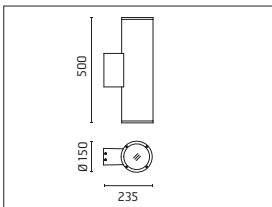
Emma150 / Unidirectional - Narrow Beam 16°



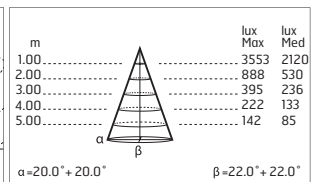
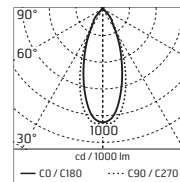
1186712.A A*
HIT-TC-CE 35W G8.5
Electronic ballast



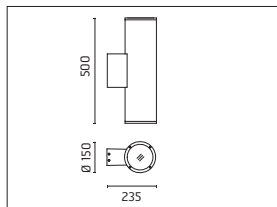
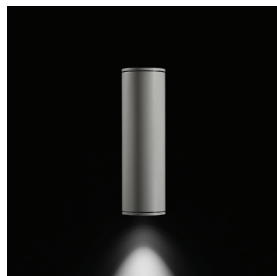
Emma150 / Unidirectional - Medium Beam 40°



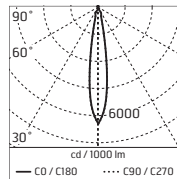
1186721.A A*
HIT-TC-CE 35W G8.5
Electronic ballast



Emma150 CoB LED / Unidirectional - Narrow Beam 20°



118271150.A A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 17W/220÷240V
 Total power 20W
 Lm LED 2632 ≠ Lm OUTPUT 2102
 CRI>80
 Integral electronic power supply

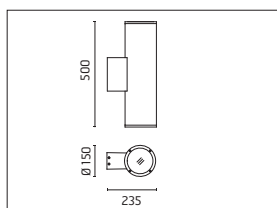
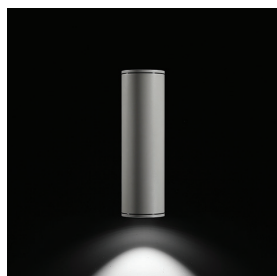


m	lux	
	Max	Med
1.00	13609	8438
2.00	3402	2109
3.00	1512	938
4.00	851	527
5.00	544	338

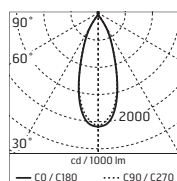
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

118272150.A A A+ A++
 WARM WHITE 3000K
 CoB LED
 17W/220÷240V
 Total power 20W
 Lm LED 2567 ≠ Lm OUTPUT 2050
 CRI>80
 Integral electronic power supply

Emma150 CoB LED / Unidirectional - Medium Beam 40°



118271151.A A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 17W/220÷240V
 Total power 20W
 Lm LED 2632 ≠ Lm OUTPUT 2121
 CRI>80
 Integral electronic power supply



m	lux	
	Max	Med
1.00	4435	2625
2.00	1109	656
3.00	493	292
4.00	277	164
5.00	177	105

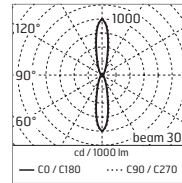
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

118272151.A A A+ A++
 WARM WHITE 3000K
 CoB LED
 17W/220÷240V
 Total power 20W
 Lm LED 2567 ≠ Lm OUTPUT 2068
 CRI>80
 Integral electronic power supply

Emma150 / Bidirectional

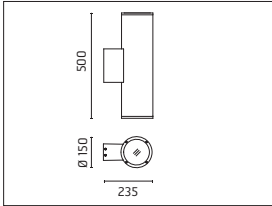


1180242.A D
QPAR30S 2x75W E27

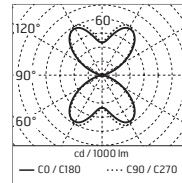


m	lux	
	Max	Med
1.00	1866	1118
2.00	467	279
3.00	207	124
4.00	117	70
5.00	75	45

$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 13.0^\circ + 13.0^\circ$



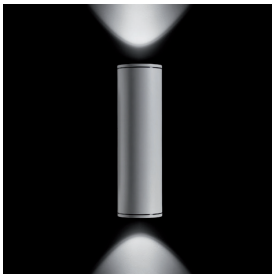
11815142.A A
TC-TEL 2x26W GX24 q-3
Electronic ballast



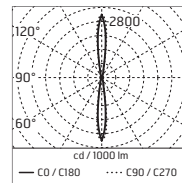
m	lux	
	Max	Med
1.00	166	52
2.00	42	13
3.00	18	6
4.00	10	3
5.00	7	2

$\alpha = 58.0^\circ + 58.0^\circ$ $\beta = 57.0^\circ + 57.0^\circ$

Emma150 / Bidirectional - Narrow Beam 16°

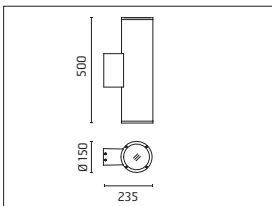


11815212.A A+
HIT-TC-CE 2x35W G8.5
Electronic ballast



m	lux	
	Max	Med
1.00	20643	15000
2.00	5161	3750
3.00	2294	1667
4.00	1290	938
5.00	826	600

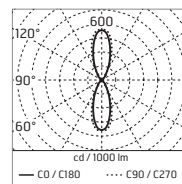
$\alpha = 8.0^\circ + 8.0^\circ$ $\beta = 7.0^\circ + 7.0^\circ$



Emma150 / Bidirectional - Medium Beam 40°

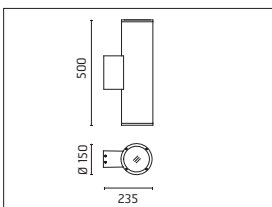


11815242.A A+
HIT-TC-CE 2x35W G8.5
Electronic ballast

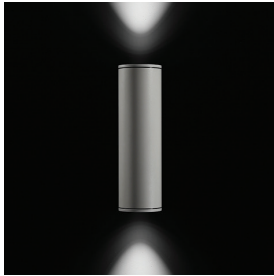


m	lux	
	Max	Med
1.00	3558	2123
2.00	890	531
3.00	395	236
4.00	222	133
5.00	142	85

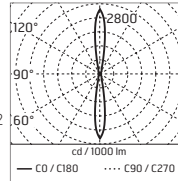
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$



Emma150 CoB LED / Bidirectional - Narrow Beam 20°

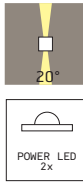
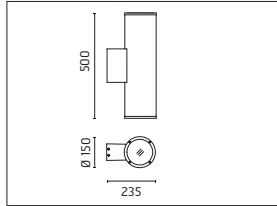


118271152.A A A+ A++
 NATURAL WHITE 4000K
 CoB LEDs
 34W/220÷240V
 Total power 40W
 Lm LED 2x2632 ≠ Lm OUTPUT 2x2102
 CRI>80
 Integral electronic power supply



m	lux	
	Max	Med
1.00	13609	8438
2.00	3402	2109
3.00	1512	938
4.00	851	527
5.00	544	338

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

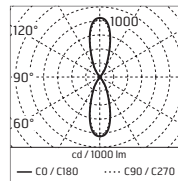


118272152.A A A+ A++
 WARM WHITE 3000K
 CoB LEDs
 34W/220÷240V
 Total power 40W
 Lm LED 2x2567 ≠ Lm OUTPUT 2x2050
 CRI>80
 Integral electronic power supply

Emma150 CoB LED / Bidirectional - Medium Beam 40°

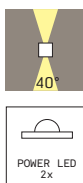
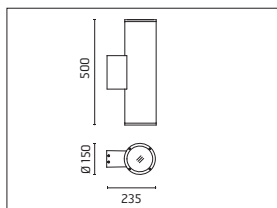


118271153.A A A+ A++
 NATURAL WHITE 4000K
 CoB LEDs
 34W/220÷240V
 Total power 40W
 Lm LED 2x2632 ≠ Lm OUTPUT 2x2121
 CRI>80
 Integral electronic power supply



m	lux	
	Max	Med
1.00	4435	2625
2.00	1109	656
3.00	493	292
4.00	277	164
5.00	177	105

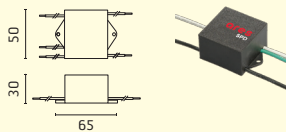
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



118272153.A A A+ A++
 WARM WHITE 3000K
 CoB LEDs
 34W/220÷240V
 Total power 40W
 Lm LED 2x2567 ≠ Lm OUTPUT 2x2068
 CRI>80
 Integral electronic power supply

Accessories: Emma150

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



acc. code	
237	
prod. code	
1180121.A	
1180242.A	
1186712.A	
1186721.A	
1189821.A	
11815142.A	
11815212.A	
11815242.A	
118271150.A	●
118271151.A	●
118271152.A	●
118271153.A	●
118272150.A	●
118272151.A	●
118272152.A	●
118272153.A	●

