















- Round luminaire for installation on wall, ceiling or ground – recessed.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. AISI 316L or aluminium cap, open frame and cover (see the catalogue pages for reference). Diffuser: polycarbonate or methacrylate transparent or sandblasted (see the catalogue pages for reference).
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which 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 which 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: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. In-ground version: the cable is integrated with an H2O STOP device. Sigma is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation in solid surfaces requires a dedicated box for installation to be purchased separately, installation in panels is only possible with the version with springs. It is important to provide for the in-ground version a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- Parallel wiring
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

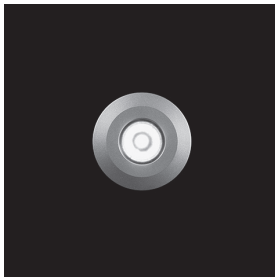
## EU Regulation 874/2012 - Illumination equipment energy classes

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

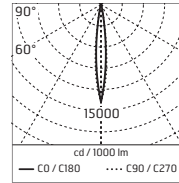


	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Recessed ceiling fitting
	Installation requires a 20cm water drainage layer (gravel).		Pre-wired with approx 200mm of cable
	Protection against water ingress from the cable (only for in-ground recessed versions)		Remote device required.
	Static load: 500Kg walk over (version with frame) Static load: 2000Kg walk over (version with cover)		Glass surface temperature <70°C
	Protection against impact. IK 06 - 1,00 joule (version with frame) IK 08 - 5,00 joule (version with cover)		Glow wire test: 850°C

### Sigma Power LED / 316L Stainless Steel Frame - Version With Springs - Narrow Beam 10°

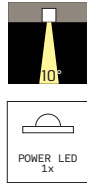
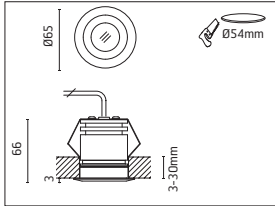


**518005** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≠ lm OUTPUT 138  
 CRI >80  
 Remote electronic power supply  
 to be ordered



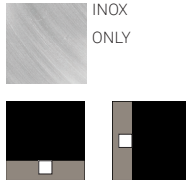
m	lux	
	Max	Med
1.00	1989	1220
2.00	497	305
3.00	221	136
4.00	124	76
5.00	80	49

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

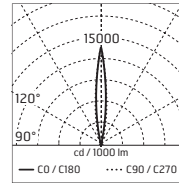


**518006** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≠ lm OUTPUT 127  
 CRI >80  
 Remote electronic power supply  
 to be ordered

### Sigma Power LED / 316L Stainless Steel Frame - Narrow Beam 10°

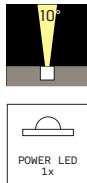
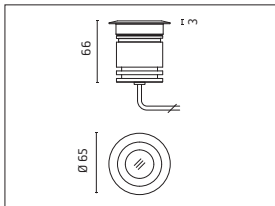


**518002** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≠ lm OUTPUT 138  
 CRI >80  
 Remote electronic power supply  
 to be ordered



m	lux	
	Max	Med
5.00	80	49
4.00	124	76
3.00	221	136
2.00	497	305
1.00	1989	1220

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

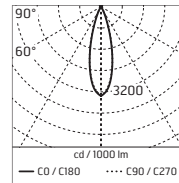


**518003** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≠ lm OUTPUT 127  
 CRI >80  
 Remote electronic power supply  
 to be ordered

### Sigma Power LED / 316L Stainless Steel Frame - Version With Springs - Medium Beam 30°

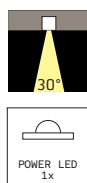
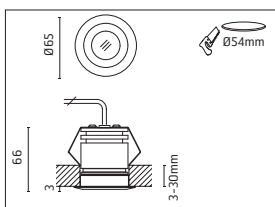


**518008** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≠ lm OUTPUT 125  
 CRI >80  
 Remote electronic power supply  
 to be ordered



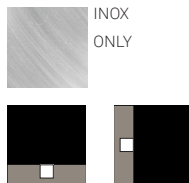
m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

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



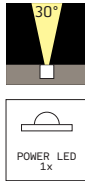
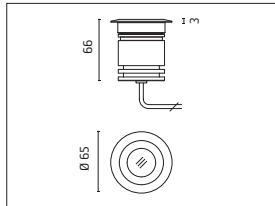
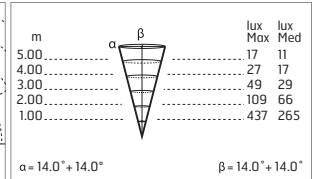
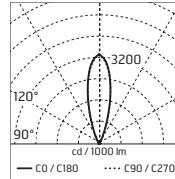
**518009** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≠ lm OUTPUT 114  
 CRI >80  
 Remote electronic power supply  
 to be ordered

### Sigma Power LED / 316L Stainless Steel Frame - Medium Beam 30°



#### 518012 A A+ A++

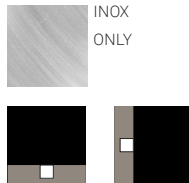
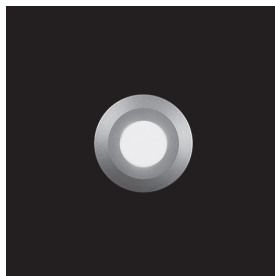
NATURAL WHITE 4000K  
POWER LED  
2,2W/24Vdc  
Total power 3,4W  
lm LED 198 ≈ lm OUTPUT 125  
CRI >80  
Remote electronic power supply  
to be ordered



#### 518013 A A+ A++

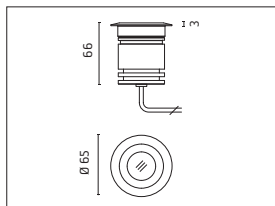
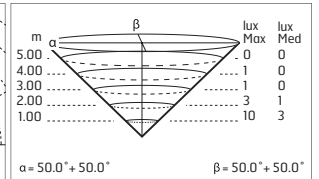
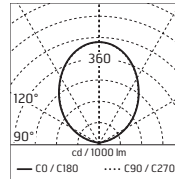
WARM WHITE 3000K  
POWER LED  
2,2W/24Vdc  
Total power 3,4W  
lm LED 182 ≈ lm OUTPUT 114  
CRI >80  
Remote electronic power supply  
to be ordered

### Sigma Power LED / 316L Stainless Steel Frame - Polycarbonate Sandblasted Diffuser



#### 518034 A A+ A++

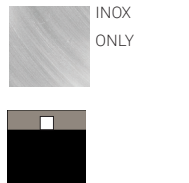
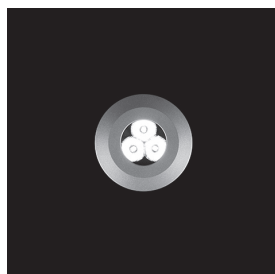
NATURAL WHITE 4000K  
POWER LED  
2,2W/24Vdc  
Total power 3,4W  
lm LED 360 ≈ lm OUTPUT 24  
CRI >80  
Remote electronic power supply  
to be ordered



#### 518035 A A+ A++

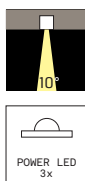
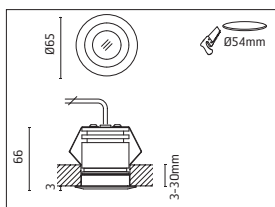
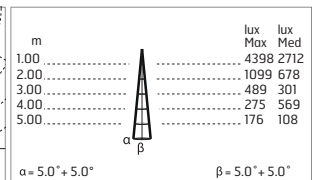
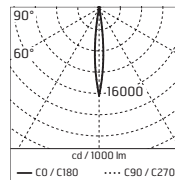
WARM WHITE 3000K  
POWER LED  
2,2W/24Vdc  
Total power 3,4W  
lm LED 182 ≈ lm OUTPUT 22  
CRI >80  
Remote electronic power supply  
to be ordered

### Sigma Power LED / 316L Stainless Steel Frame - Version With Springs - Narrow Beam 10°



#### 518015 A A+ A++

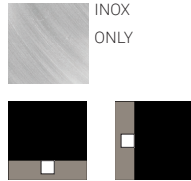
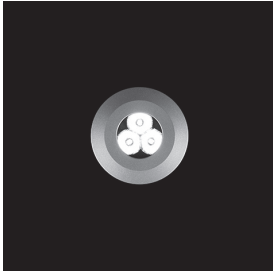
NATURAL WHITE 4000K  
POWER LEDs  
3,3W/24Vdc  
Total power 4,5W  
lm LED 360 ≈ lm OUTPUT 258  
CRI >80  
Remote electronic power supply  
to be ordered



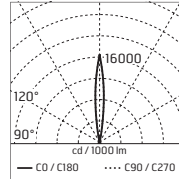
#### 518016 A A+ A++

WARM WHITE 3000K  
POWER LEDs  
3,3W/24Vdc  
Total power 4,5W  
lm LED 330 ≈ lm OUTPUT 236  
CRI >80  
Remote electronic power supply  
to be ordered

## Sigma Power LED / 316L Stainless Steel Frame - Narrow Beam 10°

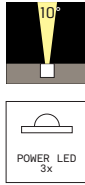
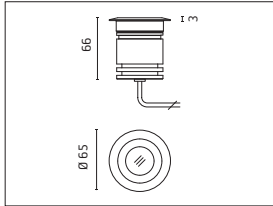


**518022** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 360 ≈ lm OUTPUT 258  
 CRI >80  
 Remote electronic power supply  
 to be ordered



m	lux	
	Max	Med
5.00	176	108
4.00	275	169
3.00	489	301
2.00	1099	678
1.00	4398	2712

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

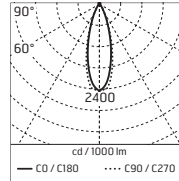


**518023** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 330 ≈ lm OUTPUT 236  
 CRI >80  
 Remote electronic power supply  
 to be ordered

## Sigma Power LED / 316L Stainless Steel Frame - Version With Springs - Medium Beam 30°

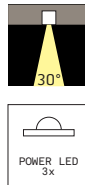
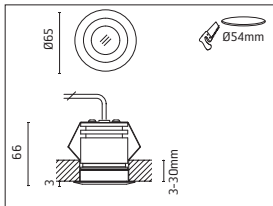


**518025** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 360 ≈ lm OUTPUT 207  
 CRI >80  
 Remote electronic power supply  
 to be ordered



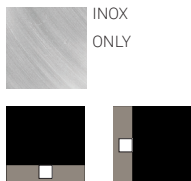
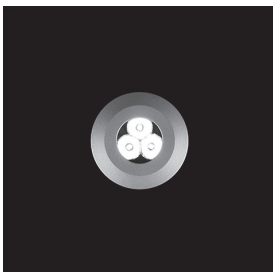
m	lux	
	Max	Med
1.00	527	319
2.00	132	80
3.00	59	35
4.00	33	20
5.00	21	13

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

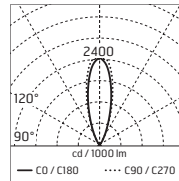


**518026** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 330 ≈ lm OUTPUT 189  
 CRI >80  
 Remote electronic power supply  
 to be ordered

## Sigma Power LED / 316L Stainless Steel Frame - Medium Beam 30°

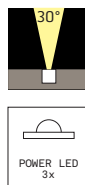
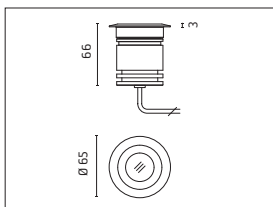


**518032** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 360 ≈ lm OUTPUT 207  
 CRI >80  
 Remote electronic power supply  
 to be ordered



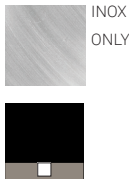
m	lux	
	Max	Med
5.00	21	13
4.00	33	20
3.00	59	35
2.00	132	80
1.00	527	319

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

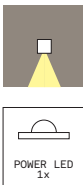
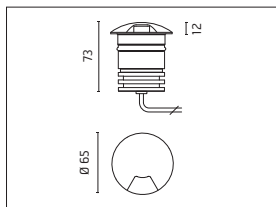
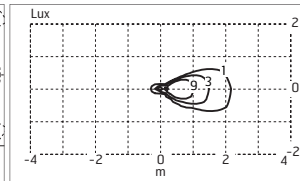
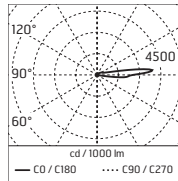


**518033** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 330 ≈ lm OUTPUT 189  
 CRI >80  
 Remote electronic power supply  
 to be ordered

### Sigma Power LED / 316L Stainless Steel Cover - One Emission

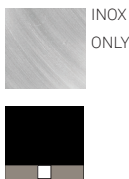
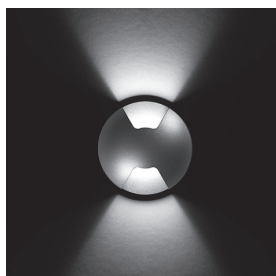


**518042** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≈ lm OUTPUT 18  
 CRI >80  
 Remote electronic power supply  
 to be ordered

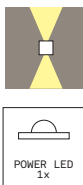
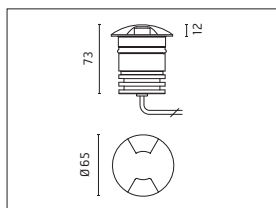
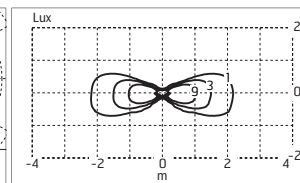
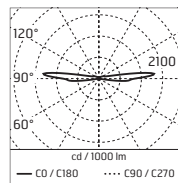


**518043** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≈ lm OUTPUT 16  
 CRI >80  
 Remote electronic power supply  
 to be ordered

### Sigma Power LED / 316L Stainless Steel Cover - Two Emissions

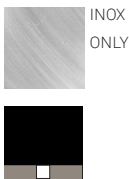
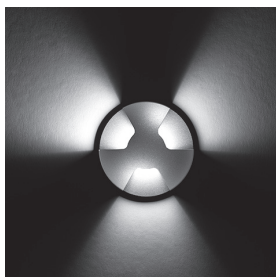


**518052** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≈ lm OUTPUT 2x18  
 CRI >80  
 Remote electronic power supply  
 to be ordered

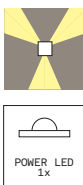
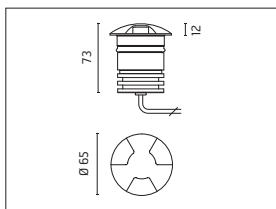
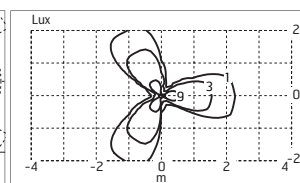
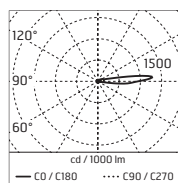


**518053** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≈ lm OUTPUT 2x16  
 CRI >80  
 Remote electronic power supply  
 to be ordered

### Sigma Power LED / 316L Stainless Steel Cover - Three Emissions

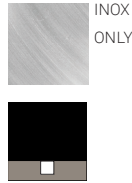
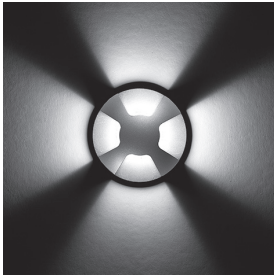


**518062** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≈ lm OUTPUT 3x18  
 CRI >80  
 Remote electronic power supply  
 to be ordered

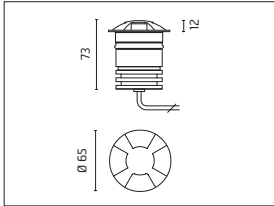
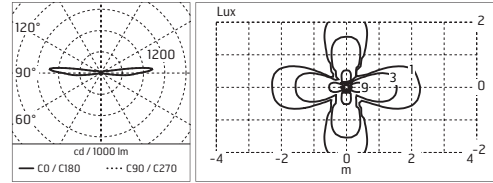


**518063** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≈ lm OUTPUT 3x16  
 CRI >80  
 Remote electronic power supply  
 to be ordered

## Sigma Power LED / 316L Stainless Steel Cover - Omnidirectional

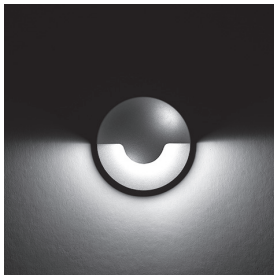


**518072** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≈ lm OUTPUT 4x18  
 CRI >80  
 Remote electronic power supply  
 to be ordered

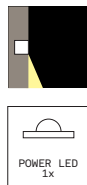
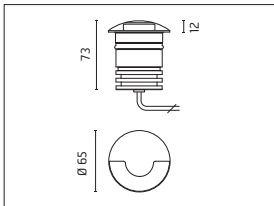
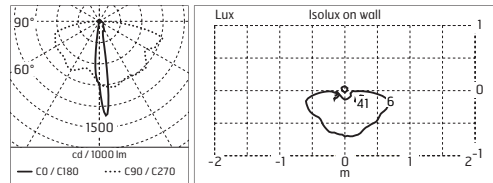


**518073** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≈ lm OUTPUT 4x16  
 CRI >80  
 Remote electronic power supply  
 to be ordered

## Sigma Power LED / 316L Stainless Steel Cover - 180° emission



**518082** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≈ lm OUTPUT 54  
 CRI >80  
 Remote electronic power supply  
 to be ordered

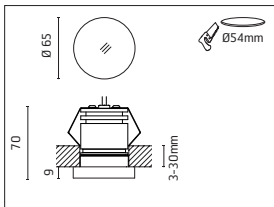
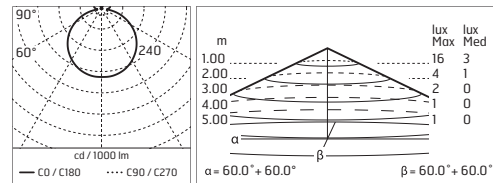


**518083** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≈ lm OUTPUT 50  
 CRI >80  
 Remote electronic power supply  
 to be ordered

## Sigma Power LED / Version With Springs - Round Methacrylate Diffuser

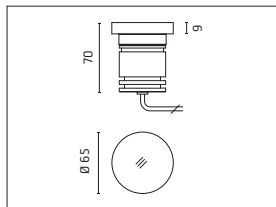


**518085** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 360 ≈ lm OUTPUT 60  
 CRI >80  
 Remote electronic power supply  
 to be ordered



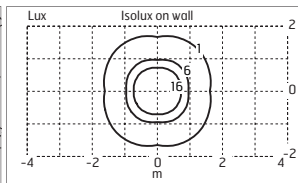
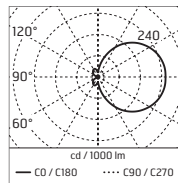
**518086** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 330 ≈ lm OUTPUT 55  
 CRI >80  
 Remote electronic power supply  
 to be ordered

### Sigma Power LED / Round Methacrylate Diffuser

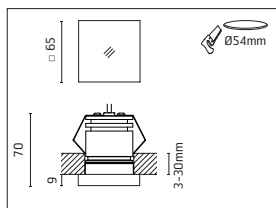
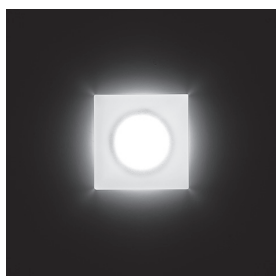


**518092** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 360 ≈ lm OUTPUT 60  
 CRI >80  
 Remote electronic power supply  
 to be ordered

**518093** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 330 ≈ lm OUTPUT 55  
 CRI >80  
 Remote electronic power supply  
 to be ordered

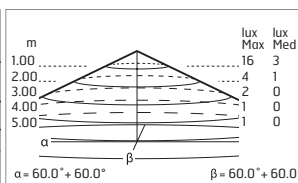
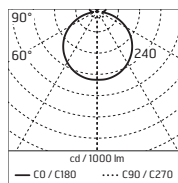


### Sigma Power LED / Version With Springs - Square Methacrylate Diffuser

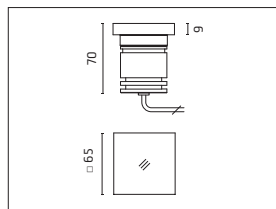
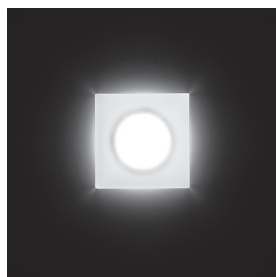


**518095** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 360 ≈ lm OUTPUT 60  
 CRI >80  
 Remote electronic power supply  
 to be ordered

**518096** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 330 ≈ lm OUTPUT 55  
 CRI >80  
 Remote electronic power supply  
 to be ordered

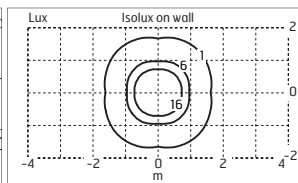
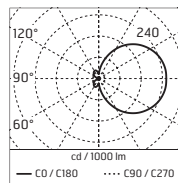


### Sigma Power LED / Square Methacrylate Diffuser



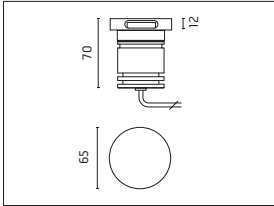
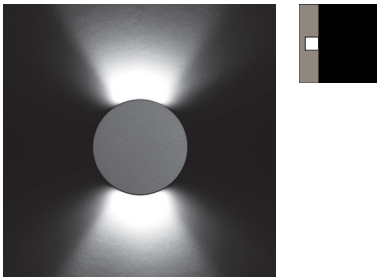
**518102** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 360 ≈ lm OUTPUT 60  
 CRI >80  
 Remote electronic power supply  
 to be ordered

**518103** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LEDs  
 3,3W/24Vdc  
 Total power 4,5W  
 lm LED 330 ≈ lm OUTPUT 55  
 CRI >80  
 Remote electronic power supply  
 to be ordered

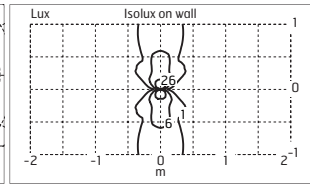
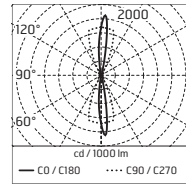




## Sigma Power LED / Round Aluminium Frame

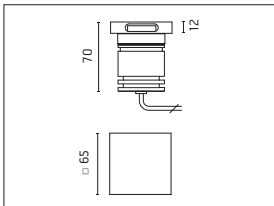
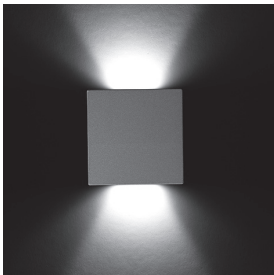


**518112** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≠ lm OUTPUT 31  
 CRI >80  
 Remote electronic power supply  
 to be ordered

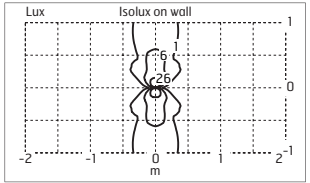
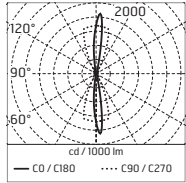


**518113** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≠ lm OUTPUT 29  
 CRI >80  
 Remote electronic power supply  
 to be ordered

## Sigma Power LED / Square Aluminium Frame



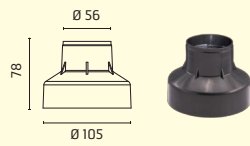
**518122** **A A+ A++**  
 NATURAL WHITE 4000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 198 ≠ lm OUTPUT 31  
 CRI >80  
 Remote electronic power supply  
 to be ordered



**518123** **A A+ A++**  
 WARM WHITE 3000K  
 POWER LED  
 2,2W/24Vdc  
 Total power 3,4W  
 lm LED 182 ≠ lm OUTPUT 29  
 CRI >80  
 Remote electronic power supply  
 to be ordered

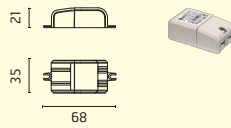
## Accessories: Sigma

**170**  
BOX FOR INSTALLATION  
Ø 105 H 78mm

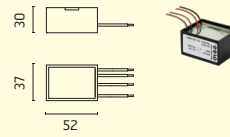


FOR IN-GROUND INSTALLATION  
OR CONCRETE WALL

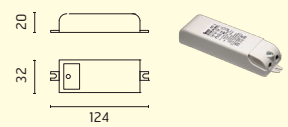
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



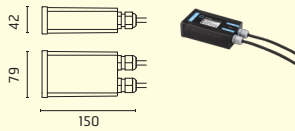
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



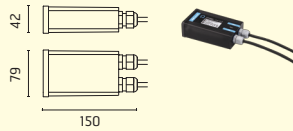
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



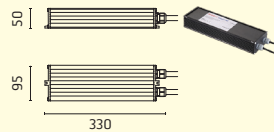
**175**  
POWER SUPPLY 10W/110÷240V - 24Vdc  
IP67 CLASS II SELV.



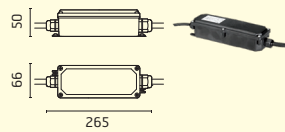
**147**  
POWER SUPPLY 20W/220÷240V - 24Vdc  
IP67 CLASS II SELV.



**155**  
POWER SUPPLY 50W/120÷240V - 24Vdc  
IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V - 24Vdc  
IP67 CLASS II SELV EQ.



acc. code ▶	170	150	106	87	175	147	155	110
prod. code ▼								
518002	●	1	1	2	2	3	9	17
518003	●	1	1	2	2	3	9	17
518005		1	1	2	2	3	9	17
518006		1	1	2	2	3	9	17
518008		1	1	2	2	3	9	17
518009		1	1	2	2	3	9	17
518012	●	1	1	2	2	3	9	17
518013	●	1	1	2	2	3	9	17
518015		1	1	2	2		7	14
518016		1	1	2	2		7	14
518022	●	1	1	2	2		7	14
518023	●	1	1	2	2		7	14
518025		1	1	2	2		7	14
518026		1	1	2	2		7	14
518032	●	1	1	2	2		7	14
518033	●	1	1	2	2		7	14
518034	●	1	1	2	2	3	9	17
518035	●	1	1	2	2	3	9	17
518042	●	1	1	2	2	3	9	17
518043	●	1	1	2	2	3	9	17
518052	●	1	1	2	2	3	9	17
518053	●	1	1	2	2	3	9	17
518062	●	1	1	2	2	3	9	17
518063	●	1	1	2	2	3	9	17
518072	●	1	1	2	2	3	9	17
518073	●	1	1	2	2	3	9	17
518082	●	1	1	2	2	3	9	17
518083	●	1	1	2	2	3	9	17
518085		1	1	2	2		7	14
518086		1	1	2	2		7	14
518092	●	1	1	2	2		7	14
518093	●	1	1	2	2		7	14
518095		1	1	2	2		7	14
518096		1	1	2	2		7	14
518102	●	1	1	2	2		7	14
518103	●	1	1	2	2		7	14
518112	●	1	1	2	2	3	9	17
518113	●	1	1	2	2	3	9	17
518122	●	1	1	2	2	3	9	17
518123	●	1	1	2	2	3	9	17

Max fixtures for each power supply (Vin 220÷240).  
Data in the chart are provided as a guide only.  
Please verify according to your installation.