

Product code	Color
149401	Stainless steel

General Specifications

Product type	: Outdoor recessed
Mounting type	: Ground - recessed
Description	: Recessed upright, flush with the ground, suitable for vehicles and pedestrian traffic, it is designed with materials that preserve them from the aggression of oxidizing agents. The optics are symmetrical, adjustable +/- 7°. A range of professional optics are available as accessories, to get different beam angles. Recessed housing included in the fittings. IP67.
Indoor/outdoor lights	: Outdoor
Applications	: Architectural and natural settings, Façades of buildings, Gardens, Monuments

Lighting specifications

Lamp description	: LED 1800lm 12W 3000K CRI85
Nominal lumens on thermal regime	: 1800
Efficiency L.O.R. (%)	: 85,0
Delivered lumens (lm)	: 1530
Lamp wattage (W)	: 12
Color temperature (K)	: 3000
Average lamp life (h)	: L80B10 50.000
Photobiological risk group	: RG1

Physical Specifications

Body	: Housing and recessed housing in high-resistant thermoplastic material
Reflector	: Mirror metallized technopolymer
Closing Screen	: Tempered glass
Frame	: Stainless steel
Gaskets	: Silicone
Mechanical load (Kg)	: 2000
Screws	: Stainless steel

Electrical Specifications

Dimmable	: Dimmable on the mains
Glow wire (°C)	: 850
Driver	: Included
Driver mounting	: Integrated
Cable gland	: Nickel-plated brass cable gland M12x1, 5
Voltage (V)	: 230/240
Frequency (Hz)	: 50/60

Weight and Dimensions

Shape	: Round
External diameter (mm)	: 190
Height (mm)	: 275
Cutout shape	: Round
Recessed depth (mm)	: 295
Weight (Kg)	: 2.9

Optical Specifications

Aiming	: Adjustable
Light distribution	: Symmetric
Light emission	: Direct
Light beam	: 26°
Temperature max (°C)	: 40
Note	: 15°, 45° (mirror metallized) optics are available on demand.

ACCESSORIES



Product Code : 160821
Name : 10mt Supply cable coil, H05RN-F 2x1 mm²




Product Code : 28-9001-51
Name : Professional optic device 15°
Finish : Mirror metallized
Beam : 15°
Shape : Round



Product Code : N/S
Name : Professional optic device 26°
Finish : Mirror metallized
Beam : 26°
Shape : Round



Product Code : N/S
Name : Professional optic device 45°
Finish : Mirror metallized
Beam : 45°
Shape : Round

Lamps	Lamp categories	Lamp type	Lamp wattage (W)	Nominal lumens on thermal regime (lm)	Color temperature (K)	Color rendering (CRI)
	LED	COB LED	12	1800	3000	85

Photometrics

149401 Gamma Angles	ACHILLE190 LED 12W 1800 lm				R:100%		I.Max:2589 Cd/Klm			
	H[m]	D[m]	Max lux	Med lux	Alpha=28°	H[m]	D[m]	Max lux	Med lux	Beta=28°
105°	1.00	0.51	3969	2385		1.00	0.51	3969	2385	
90°	2.00	1.02	992	596		2.00	1.02	992	596	
75°	3.00	1.53	441	265		3.00	1.53	441	265	
60°	4.00	2.04	248	149		4.00	2.04	248	149	
45°	5.00	2.55	159	95		5.00	2.55	159	95	

Pictures and Applications

