

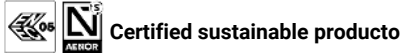
Hat

Technical datasheet

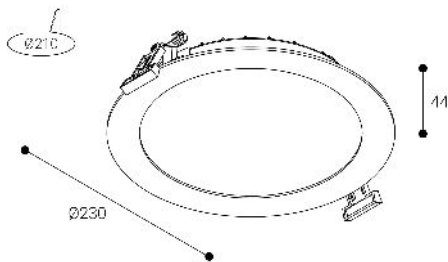
Recessed downlights
Ref. EH23B



Recessed
Mounting



Dimensions (mm):



Installation: Keep a minimum 50 mm security distance between the luminaire and the ceiling to ensure its correct performance.

Photometric data:

Separación [m]	Diámetro cónico [m]	E ₀ (0°)	E ₀ (CD)	41.8°	3013
0.5	0.89	E ₀ (0°)	E ₀ (CD)	41.8°	625
1.0	1.79	E ₀ (0°)	E ₀ (CD)	41.8°	793
1.5	2.68	E ₀ (0°)	E ₀ (CD)	41.8°	156
2.0	3.58	E ₀ (0°)	E ₀ (CD)	41.8°	335
2.5	4.47	E ₀ (0°)	E ₀ (CD)	41.8°	69
3.0	5.36	E ₀ (0°)	E ₀ (CD)	41.8°	188
		E ₀ (0°)	E ₀ (CD)	41.8°	39
		E ₀ (0°)	E ₀ (CD)	41.8°	121
		E ₀ (0°)	E ₀ (CD)	41.8°	25
		E ₀ (0°)	E ₀ (CD)	41.8°	84
		E ₀ (0°)	E ₀ (CD)	41.8°	17

Separación [m] Diámetro cónico [m] Intensidad lumínica [lx]

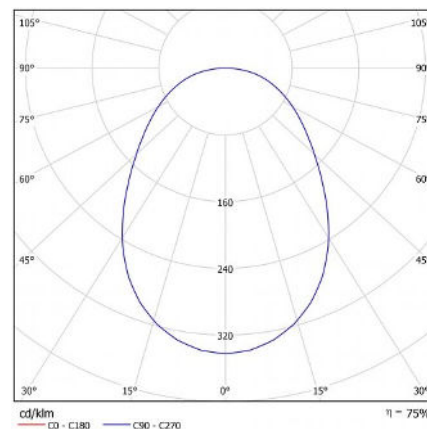
— C0 - C180 (Semiángulo de dispersión: 83.6°)

* The manufacturer reserves the right to make changes in the design and / or technical specifications.
* Guarantee expendable to 5 years depending of the project. Consult conditions.

Recessed downlights: Hat. Epoxi-polyester high performance lacquered die casting aluminium frame and heatsink. Resistant to UV rays and corrosion Diffuser: Opal prismatic polycarbonate. Color: White.

Gross lumen output	2300 lm
Net lumen output	1727 lm
Color temperatures (K)	3000
CRI	80
Hours Life L80B10 *	72.000h
Hours Life L70B10 **	72.000h
Macadam ellipses	3
Beam angle	84
Photobiological security	0
Power consumption (W)	22,55
Power (W)	20,5
Voltage	220-240V 50/60Hz
Power factor	0,95
Class	II
IP	20-54
IK	07
Weight (Kg)	0,8
Operating temperature (°C)	-20 to 40
Energy efficiency	E

* Variable UGR according to project
* Photobiological safety = 0/1: Risk free



* L80B10 indicates that, after 72.000 hours of functioning, 90% of the luminaires will have a lumen output of at least 80% of the initial value.
** L70B10 indicates that, after 72.000 hours of functioning, 90% of the luminaires will have a lumen output of at least 70% of the initial value.