

Polart

Technical datasheet

Recessed downlights
Ref. P02XB



Recessed
Mounting

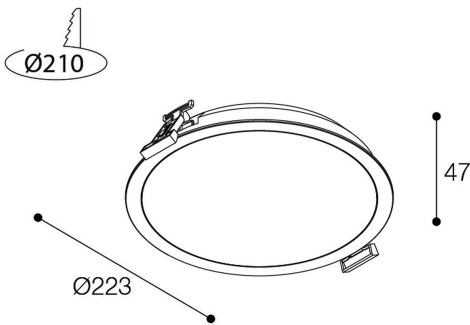


Recessed downlights: Polart. Body made of technical polycarbonate injection and high-performance ABS, resistant to UV rays. Translucent polycarbonate reflector and fastening flanges with technical polycarbonate injection casing and metal springs. Diffuser: Frosted polycarbonate. Color: White.

Gross lumen output	2750 lm
Net lumen output	2037 lm
Color temperatures (K)	3000-5000
CRI	80
Hours Life L80B10 *	72.000h
Hours Life L70B10 **	72.000h
Macadam ellipses	3
Beam angle	114
Photobiological security	0
Power consumption (W)	21
Power (W)	17,9
Voltage	220-240V 50/60Hz
Power factor	0,95
Class	II
IP	20-52
IK	07
Weight (Kg)	0,4
Operating temperature (°C)	-20 to 35
Energy efficiency	C

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

Dimensions (mm):



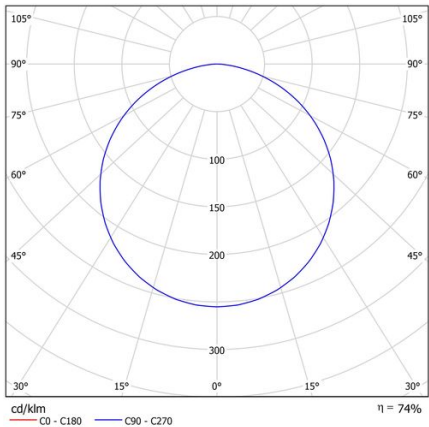
Installation: Keep a minimum 50 mm security distance between the luminaire and the ceiling to ensure its correct performance.

Photometric data:

0.5	1.55	E(0°) E(CD)	2807 223
1.0	3.10	E(0°) E(CD)	702 56
1.5	4.66	E(0°) E(CD)	312 25
2.0	6.21	E(0°) E(CD)	175 14
2.5	7.76	E(0°) E(CD)	112 9
3.0	9.31	E(0°) E(CD)	78 6

Distance [m] Cone Diameter [m] Illuminance [lx]
— C0 - C180 (Half-value Angle: 114.4°)

* 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.



* 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.