



Description: downlight LED, circular in shape, suitable for recessed installation. Supplied fixing springs to the false ceiling.

Body: body and ring in white painted aluminum with epoxy powders stabilized to UV rays, thermosetting at 180 ° C, after degreasing, phosphating and washing treatment. The device is supplied complete with adjustable brackets for fixing to the false ceiling.

Optical group: internal reflector in matt white painted aluminum to optimize light output. MOT diffuser in opal PMMA, recessed with respect to the frame.

Glow-wire test 650 ° C.

Protection degree IP44 / 20 (IP44 on the visible part, IP20 on the embedded part).

Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm² and PVC-HT sheath resistant to 90 ° C according to CEI 20-20 standards. Terminal block with maximum allowed cable cross section of 2.5 mm². Insulation class I. Suitable for installation on normally flammable surfaces.

- LED version with fixed output electronic driver for independent use, included
- LED DALI dimmable version, with DALI standard digital dimmable electronic driver for independent use, included.

On request available:

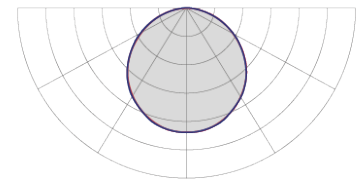
- Versions with emergency kit 1/3 hours autonomy.

Luminous source: High efficiency LEDs arranged on rigid modules, color rendering IRC > 80, color temperature 3000K and 4000K (LED diode selected 3 MacAdam ellipses in order to guarantee uniform chromaticity).

Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.



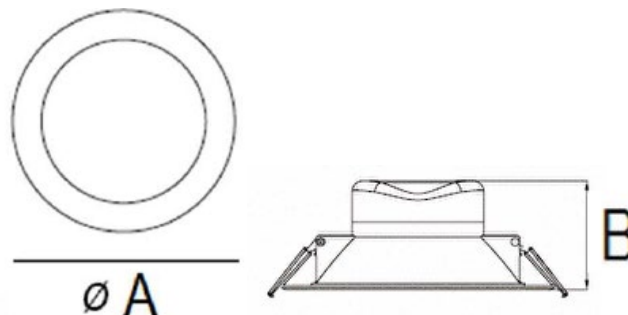
Demonstration image



Photometric curve

Regulations: appliance complies with the following standards:

- | | | |
|-----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-2 |
| • EN 55015 | • EN 60061-1 | • EN 62471 (risk class 0) |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • EN 60968 |
| • EN 61347-1 | • EN 60598-1 | • CEI 76-10 |
| • EN 61347-2-13 | • EN 60598-2-1 | • EN 60529 |





Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Dimensions [mm]			Code / Wiring	
					A	B	Ø recessed	LED	LED DALI
8	3000	>80	800	100	90	78	80	557400049	557400050
8	4000	>80	900	112	90	78	80	557400053	557400054
10	3000	>80	1200	120	140	76	120	557400057	557400058
10	4000	>80	1300	130	140	76	120	557400061	557400062
12	3000	>80	1150	95	170	74	150	557400001	557400003
12	4000	>80	1240	103	170	74	150	557400009	557400011
18	3000	>80	1550	86	170	74	150	557400005	557400007
18	4000	>80	1650	91	170	74	150	557400013	557400015
10	3000	>80	1070	107	190	74	170	557400073	557400074
10	4000	>80	1118	111	190	74	170	557400077	557400078
15	3000	>80	1380	92	190	74	170	557400081	557400082
15	4000	>80	1451	96	190	74	170	557400085	557400086
19	3000	>80	2220	116	220	74	200	557400017	557400019
19	4000	>80	2323	122	220	74	200	557400025	557400027
22	3000	>80	2463	111	220	74	200	557400021	557400023
22	4000	>80	2584	117	220	74	200	557400029	557400031
25	3000	>80	2660	106	255	74	235	557400033	557400035
25	4000	>80	2800	112	255	74	235	557400041	557400043
29	3000	>80	3130	107	255	74	235	557400037	557400039
29	3300	>80	3300	113	255	74	235	557400045	557400047
21	3000	>80	2200	104	330	74	310	557400065	557400066
21	4000	>80	2300	109	330	74	310	557400069	557400070

* Actual flow may have a tolerance of ± 10%.