



Description: Round recessed LED downlight with direct light.

Body: body in die-cast aluminum, painted white with epoxy powders UV stabilized, thermosetting at 180 ° C, after degreasing treatment, phosphating and washing. The device is supplied complete with brackets for fixing to the countertop.

Optical group: internal reflector in metallized aluminum and **POL** diffuser in opal polycarbonate. Glow-wire test 850 ° C. Protection degree **IP44 / 20** (IP44 on the visible part, IP20 on the embedded part).

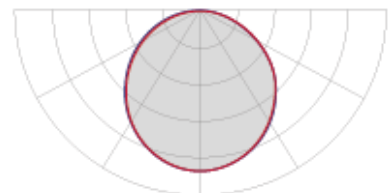
Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm² and PVC sheath resistant to 90 ° C according to CEI 20-20 standards. Insulation class II. Suitable for installation on normally flammable surfaces.

- LED version with fixed output electronic driver for independent use, included
 - DALI LED dimmable version, with standard digital dimmable electronic driver DALI for independent use, included.
- On request available:
- Versions with 1/3 hour autonomy emergency kit.

Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI > 80 (CRI > 90 available on request), color temperature 3000K or 4000K (LED diode selected 3 MacAdam ellipses in order to guarantee uniform chromaticity), duration > 50000 hours L80 / F10 at Ta = 25 ° C.



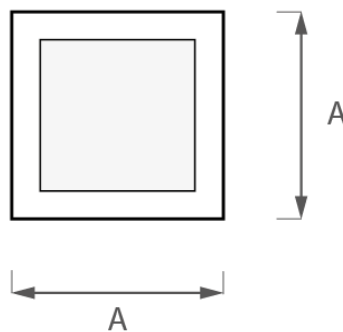
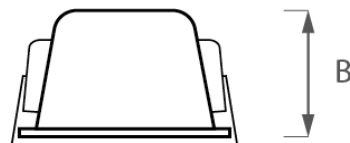
Demonstration image



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 |
| • 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 |





Side L=120 mm

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm]			Code / Wiring	
						A	B	∅ recessed	LED	LED DALI
15	3000K	>80	1418	94	A++	120	70	105x105	575100013	575100016
15	4000K	>80	1476	98	A++	120	70	105x105	575100019	575100022
20	3000K	>80	1976	98	A++	120	70	105x105	575100014	575100017
20	4000K	>80	2059	102	A++	120	70	105x105	575100020	575100023
28	3000K	>80	2689	96	A++	120	70	105x105	575100015	575100018
28	4000K	>80	2801	100	A++	120	70	105x105	575100021	575100024

Side L=160 mm

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm]			Code / Wiring	
						A	B	∅ recessed	LED	LED DALI
20	3000K	>80	1976	98	A++	160	101	148x148	575100037	575100040
20	4000K	>80	2059	102	A++	160	101	148x148	575100043	575100046
28	3000K	>80	2689	96	A++	160	101	148x148	575100038	575100041
28	4000K	>80	2801	100	A++	160	101	148x148	575100044	575100047
35	3000K	>80	3362	96	A++	160	101	148x148	575100039	575100042
35	4000K	>80	3506	100	A++	160	101	148x148	575100045	575100048

Side L=205 mm

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm]			Code / Wiring	
						A	B	∅ recessed	LED	LED DALI
20	3000K	>80	1976	98	A++	205	101	188x188	575100061	575100064
20	4000K	>80	2059	102	A++	205	101	188x188	575100067	575100070
28	3000K	>80	2689	96	A++	205	101	188x188	575100062	575100065
28	4000K	>80	2801	100	A++	205	101	188x188	575100068	575100071
42	3000K	>80	3845	91	A++	205	101	188x188	575100063	575100066
42	4000K	>80	4003	95	A++	205	101	188x188	575100069	575100072

Side L= 230 mm

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm]			Code / Wiring	
						A	B	∅ recessed	LED	LED DALI
20	3000K	>80	1976	98	A++	230	117	218x218	575100089	575100093
20	4000K	>80	2059	102	A++	230	117	218x218	575100097	575100101
28	3000K	>80	2689	96	A++	230	117	218x218	575100090	575100094
28	4000K	>80	2801	100	A++	230	117	218x218	575100098	575100102
42	3000K	>80	3845	91	A++	230	117	218x218	575100091	575100095
42	4000K	>80	4003	95	A++	230	117	218x218	575100099	575100103
50	3000K	>80	4529	90	A++	230	117	218x218	575100092	575100096
50	4000K	>80	4723	94	A++	230	117	218x218	575100100	575100104

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