

Description: Square 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 **VTR** diffuser in transparent glass.

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 PVCHT 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.

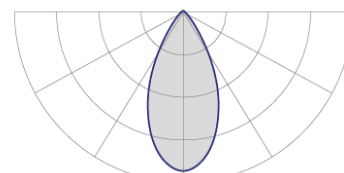
Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 (CRI> 90 available on request), color temperature 3000K or 4000K (LED diode selected 3 MacAdam ellipses in order to guarantee uniform chromaticity), duration> 50000 hours L80 / F10 at Ta = 25 ° C.

Regulations: appliance complies with the following standards:

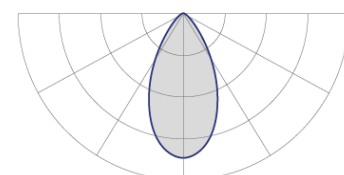
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|-----------------|------------------|----------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-2 |
| • EN 55015 | • EN 60061-1 | • EN 62471 |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • EN 60968 |
| • EN 61347-1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



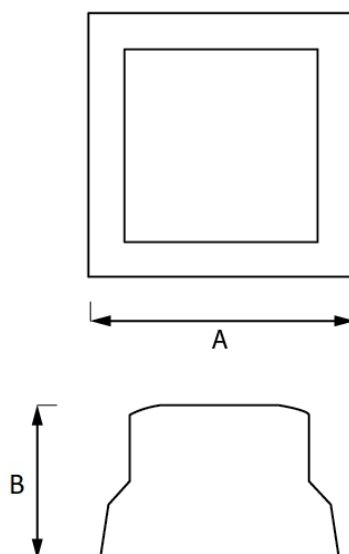
Demonstration image



Photometric curve 50°



Photometric curve 60°



Side L= 120 mm						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A	B	Ø recessed	LED	LED DALI
15	3000K	>80	1773	118	A++	120	70	105x105	575100001	575100004
15	4000K	>80	1845	123	A++	120	70	105x105	575100007	575100010
20	3000K	>80	2471	123	A++	120	70	105x105	575100002	575100005
20	4000K	>80	2574	128	A++	120	70	105x105	575100008	575100011
28	3000K	>80	3362	120	A++	120	70	105x105	575100003	575100006
28	4000K	>80	3501	125	A++	120	70	105x105	575100009	575100012

Side L=160 mm						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A	B	Ø recessed	LED	LED DALI
20	3000K	>80	2471	123	A++	160	101	148x148	575100025	575100028
20	4000K	>80	2574	128	A++	160	101	148x148	575100031	575100034
28	3000K	>80	3362	120	A++	160	101	148x148	575100026	575100029
28	4000K	>80	3501	125	A++	160	101	148x148	575100032	575100035
35	3000K	>80	4203	120	A++	160	101	148x148	575100027	575100030
35	4000K	>80	4383	125	A++	160	101	148x148	575100033	575100036

Side L=205 mm						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A	B	Ø recessed	LED	LED DALI
20	3000K	>80	2471	123	A++	205	101	188x188	575100049	575100052
20	4000K	>80	2574	128	A++	205	101	188x188	575100055	575100058
28	3000K	>80	3362	120	A++	205	101	188x188	575100050	575100053
28	4000K	>80	3501	125	A++	205	101	188x188	575100056	575100059
42	3000K	>80	4806	114	A++	205	101	188x188	575100051	575100054
42	4000K	>80	5004	119	A++	205	101	188x188	575100057	575100060

Side L=230 mm						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	A	B	Ø recessed	LED	LED DALI
20	3000K	>80	2471	123	A++	230	117	218x218	575100073	575100077
20	4000K	>80	2574	128	A++	230	117	218x218	575100081	575100085
28	3000K	>80	3362	120	A++	230	117	218x218	575100074	575100078
28	4000K	>80	3501	125	A++	230	117	218x218	575100082	575100086
42	3000K	>80	4806	120	A++	230	117	218x218	575100075	575100079
42	4000K	>80	5004	125	A++	230	117	218x218	575100083	575100087
50	3000K	>80	5661	113	A++	230	117	218x218	575100076	575100080
50	4000K	>80	5904	118	A++	230	117	218x218	575100084	575100088

* Actual flow may have a tolerance of $\pm 10\%$.