



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

Body: body and ring in die-cast aluminum, painted in white RAL 9003 (gray and black colors available on request), UV stabilized, with thermosetting epoxy powders at 180 ° C, after degreasing, phosphating and washing treatment. Integrated passive heatsink. The device is supplied complete with brackets for fixing to the false ceiling.

Optical group: internal reflector in metallized aluminum with light emission with 45 ° beam, lower cover in transparent glass **VTR**.

Controlled light emission optics with luminance values <1500 cd / m² for emission angles above 65 ° on all planes (UGR> 19) and therefore compliant to be installed in environments with the use of video terminals according to UNI EN 12464- 1.

Diffuser accessory in transparent glass or opal glass to protect the LED source.

Protection degree **IP40 / 20** (IP40 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.

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 DALI standard digital dimmable electronic driver for independent use, included.

On request available:

- Versions with 1/3 hour autonomy emergency kit.

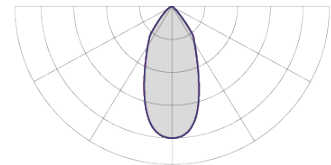
Luminous source: High efficiency LEDs arranged on rigid modules, color rendering IRC> 80 or IRC> 90, color temperature 3000K or 4000K, selected LED diode 3 MacAdam ellipses in order to guarantee uniform chromaticity, duration> 50000 hours L80 / F10 at Ta = 25 ° C.

Regulations: appliance complies with the following standards:

- | | | |
|----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-13 |
| • 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 60529 | • EN 60598-1 | |



Demonstration image



Photometric curve





Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm]			Code / Wiring	
						Ø A	B	Ø Recessed	LED	LED DALI
10	3000K	>80	1200	120	A++	150	132	140	575900001	575900005
10	4000K	>80	1250	125	A++	150	132	140	575900009	575900013
19	3000K	>80	2300	121	A++	150	132	140	575900002	575900006
19	4000K	>80	2400	126	A++	150	132	140	575900010	575900014
26	3000K	>80	3100	119	A++	150	132	140	575900003	575900007
26	4000K	>80	3250	125	A++	150	132	140	575900011	575900015
33	3000K	>80	4100	124	A++	150	132	140	575900004	575900008
33	4000K	>80	4300	130	A++	150	132	140	575900012	575900016
10	3000K	>90	1000	100	A++	150	132	140	575900017	575900021
10	4000K	>90	1120	112	A++	150	132	140	575900025	575900029
19	3000K	>90	1900	100	A++	150	132	140	575900018	575900022
19	4000K	>90	2150	114	A++	150	132	140	575900026	575900030
30	3000K	>90	2900	97	A++	150	132	140	575900019	575900023
30	4000K	>90	3200	107	A++	150	132	140	575900027	575900031
39	3000K	>90	4000	103	A++	150	132	140	575900020	575900024
39	4000K	>90	4250	109	A++	150	132	140	575900028	575900032

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

ACCESSORIES



Opal glass diffuser to protect the LED source.

COD. DF57590003VSB