



Description: Round recessed LED downlight with direct light.

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

Optical group: internal reflector in metallized polycarbonate with protective lens of the LED source. 55 ° symmetrical opening beam.
Degree of protection IP40 / 20 (IP40 on the visible part, IP20 on the embedded part).

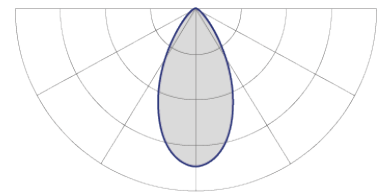
Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm² and sheath of PVC-HT resistant to 90 ° C according to CEI 20-20 standards.
Insulation class II.
Suitable for installation on normally flammable surfaces.

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

Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI > 80 and CRI > 90, color temperature 3000K or 4000K (LED diode selected 3 MacAdam ellipses in order to guarantee uniform chromaticity), duration > 150,000 hours L80 / B20 at Ta = 25 ° C.



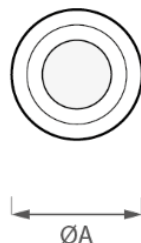
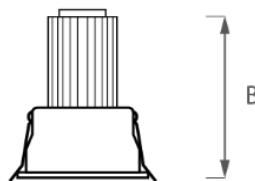
Demonstration image



Photometric curve

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 | |





| 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 |
| 5 | 3000 | >80 | 693 | 138 | A++ | 83 | 93 | 72 | 571200148 | 571200149 |
| 5 | 4000 | >80 | 727 | 145 | A++ | 83 | 93 | 72 | 571200150 | 571200151 |
| 7 | 3000 | >80 | 904 | 129 | A++ | 83 | 93 | 72 | 571200152 | 571200153 |
| 7 | 4000 | >80 | 949 | 135 | A++ | 83 | 93 | 72 | 571200154 | 571200155 |
| 9 | 3000 | >80 | 1106 | 122 | A++ | 83 | 93 | 72 | 571200156 | 571200157 |
| 9 | 4000 | >80 | 1160 | 128 | A++ | 83 | 93 | 72 | 571200158 | 571200159 |
| 11 | 3000 | >80 | 1298 | 118 | A++ | 83 | 113 | 72 | 571200160 | 571200161 |
| 11 | 4000 | >80 | 1365 | 124 | A++ | 83 | 113 | 72 | 571200162 | 571200163 |
| 13 | 3000 | >80 | 1486 | 114 | A++ | 83 | 113 | 72 | 571200164 | 571200165 |
| 13 | 4000 | >80 | 1555 | 119 | A++ | 83 | 113 | 72 | 571200166 | 571200167 |

| 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 |
| 5 | 3000 | >90 | 535 | 107 | A++ | 83 | 93 | 72 | 571200168 | 571200173 |
| 5 | 4000 | >90 | 660 | 132 | A++ | 83 | 93 | 72 | 571200178 | 571200183 |
| 7 | 3000 | >90 | 698 | 99 | A++ | 83 | 93 | 72 | 571200169 | 571200174 |
| 7 | 4000 | >90 | 862 | 123 | A++ | 83 | 93 | 72 | 571200179 | 571200184 |
| 9 | 3000 | >90 | 854 | 94 | A++ | 83 | 93 | 72 | 571200170 | 571200175 |
| 9 | 4000 | >90 | 1053 | 117 | A++ | 83 | 93 | 72 | 571200180 | 571200185 |
| 11 | 3000 | >90 | 1001 | 91 | A++ | 83 | 113 | 72 | 571200171 | 571200176 |
| 11 | 4000 | >90 | 1059 | 96 | A++ | 83 | 113 | 72 | 571200181 | 571200186 |
| 13 | 3000 | >90 | 1141 | 87 | A++ | 83 | 113 | 72 | 571200172 | 571200177 |
| 13 | 4000 | >90 | 1207 | 92 | A++ | 83 | 113 | 72 | 571200182 | 571200187 |

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