





LED-EC-RPL55

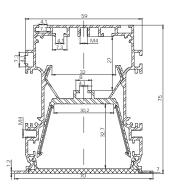


RPL55 LED PROFILE

RPL55; 70 x 75 mm

RPL55 is a high-quality product made of two aluminum profiles designed for mounting LED light sources. The RPL55 is designed to be installed in gypsum-plaster ceilings with special springs that facilitate quick and reliable operation, and above all, without the need to use any fitting tools. The base profile has space for inserting springs, linear and angular connectors.

- Y Assembly of the profile is divided into two stages, the first is the assembly of the base profile, carrier, at this stage we do all the "dirty" work that does not come in contact with the LED.
- Ÿ In the second stage, we install LED strips or plates on the heatsink module, which then clicks-in to the base profile.



The interior of the heat sink is profiled in a special way that makes it easier for the light to reflect and therefore reduces the loss to a minimum. The radiator also acts as a reflector because it is equipped with dedicated mirrors made from polished high density aluminium (Vega 95) as standard to improve the reflection coe ciency and thus increase the luminous e ciency of the luminaire by about 10-18% (Depending on the applied light sources).





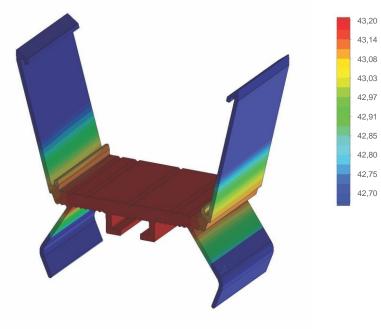




^{*} Parameters tolerance +/- 7%



RPL55 LED PROFILE



Temperature (Solid) [°C]

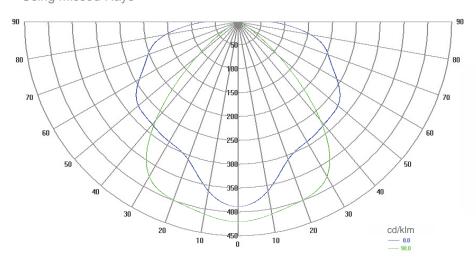
Temperature ambient: 25°C Total power: 35W/m (72 LEDs)

LED strip@0-DURIS



LED-MC-SPR-RPL55

Polar Candela Distribution Plot Using Missed Rays

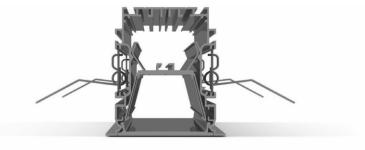




LED-MC-SPR-B



LED-MC-KEY-RPL55



Assembled Cross section view

^{*} Parameters tolerance +/- 7%