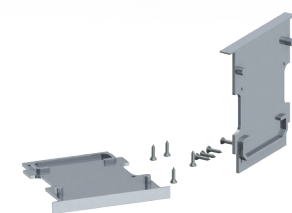


AL-RPL55
AL-RPL55-INS
MC-SPR-B
30-DURIS-NW
AB-PL55 or AB-PR155



AL-RPL55-INS
AB-PL55 or AB-PR155
EC-RPL55



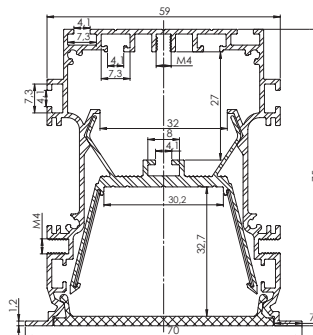
Aluminum end caps
EC-RPL55

RPL55 LED PROFILE

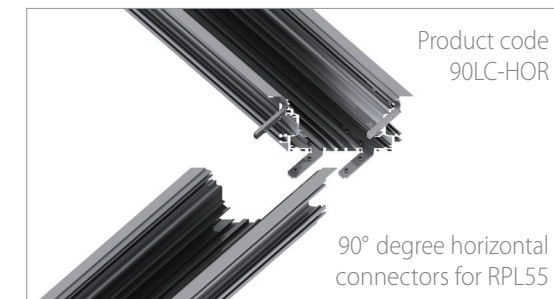
RPL55; 70 x 75 mm

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.

- 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.
- In the second stage, we install LED strips or plates on the heatsink module, which then clicks-in to the base profile.

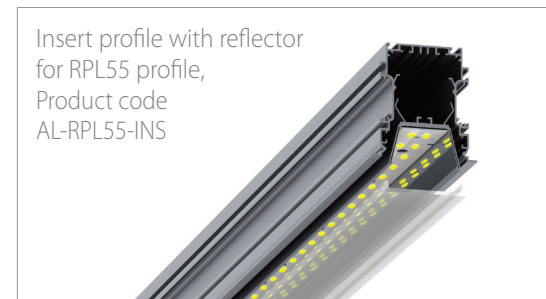


The interior of the heat sink is profiled in a special way that makes it easier for the light to reflect and therefore reduces the loss to a minimum. The radiator also acts as a reflector because it is equipped with dedicated mirrors made from polished high density aluminium (Vega 95) as standard to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



Product code
90LC-HOR

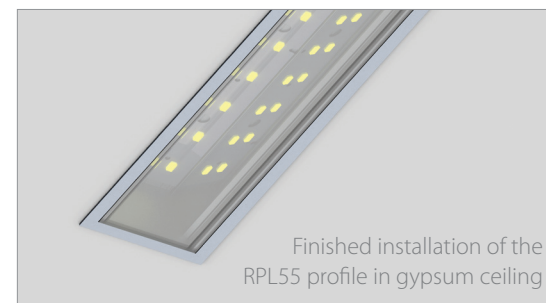
90° degree horizontal
connectors for RPL55



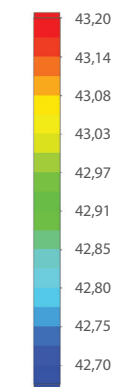
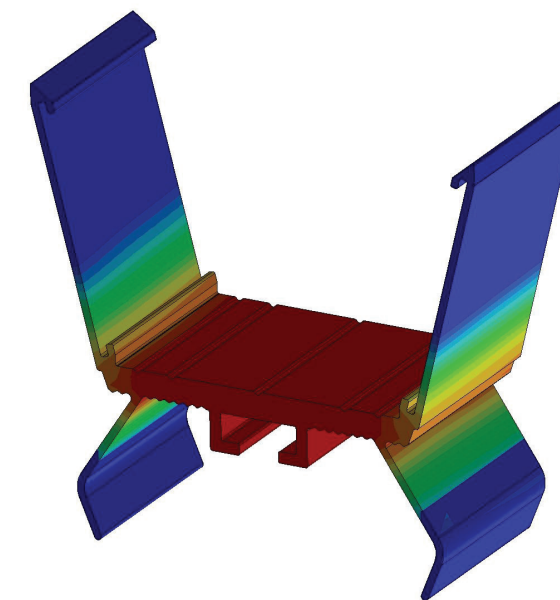
Insert profile with reflector
for RPL55 profile,
Product code
AL-RPL55-INS



Linear connectors for
RPL55, product code LC-LIN

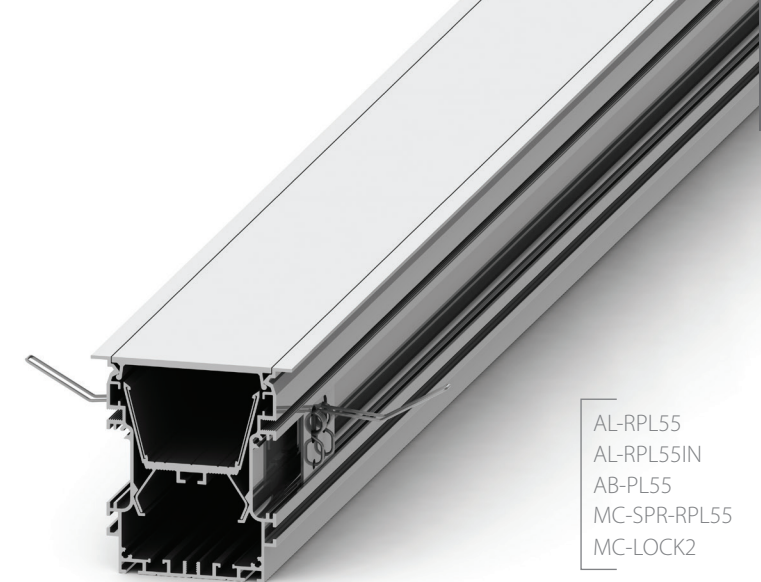
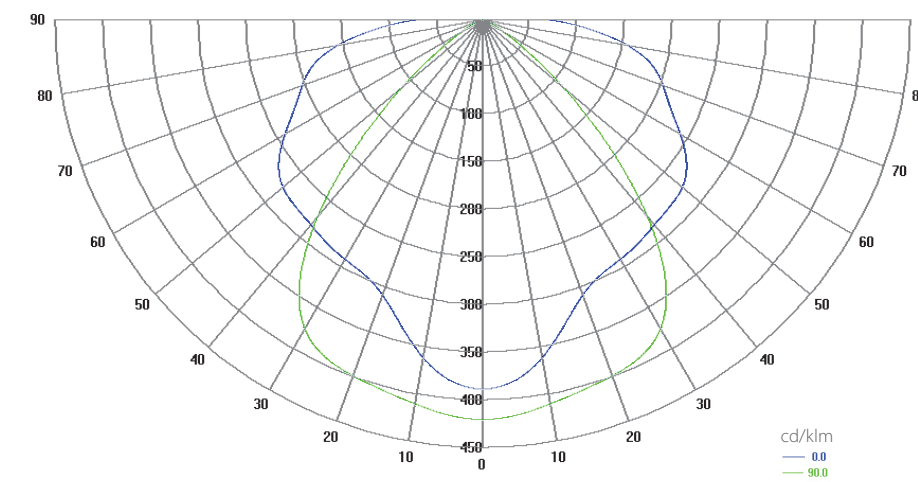


Finished installation of the
RPL55 profile in gypsum ceiling

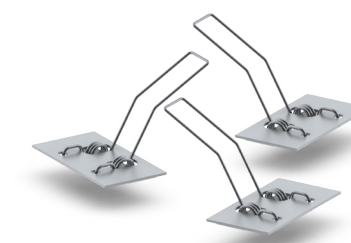


Temperature (Solid) [°C]
Temperature ambient: 25°C
Total power: 35W/m (72 LEDs)
LED stripe: 30-DURIS

Polar Candela Distribution Plot
Using Missed Rays



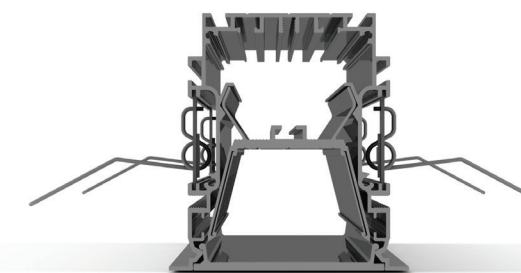
AL-RPL55
AL-RPL55IN
AB-PL55
MC-SPR-RPL55
MC-LOCK2



MC-SPR-B



MC-KEY-RPL55



Cross section view
AL-RPL55