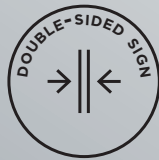
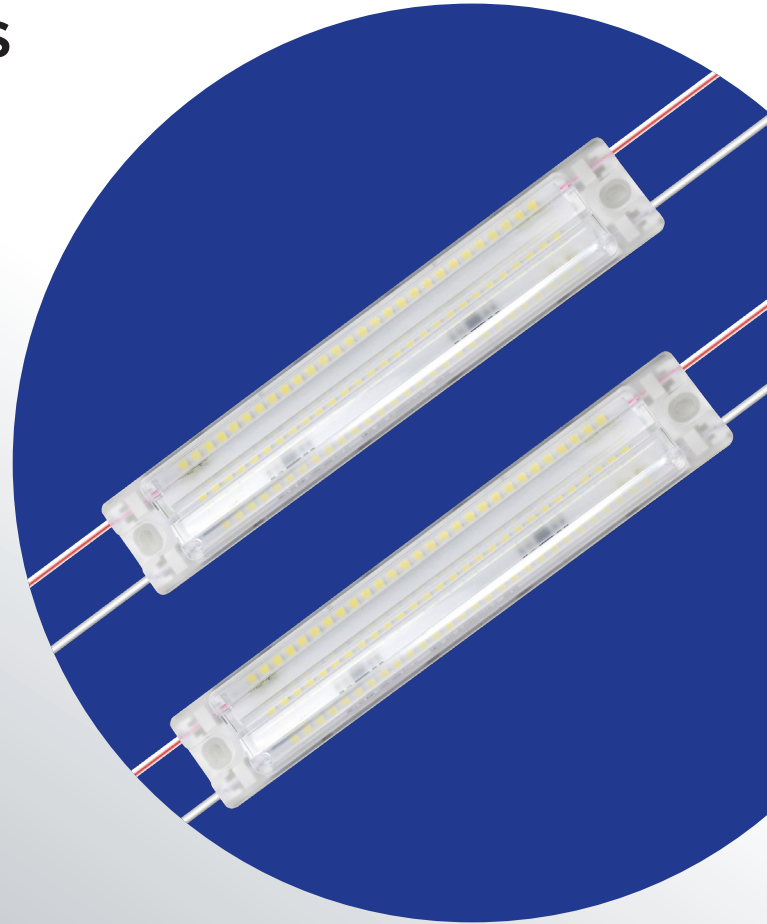


ModulBox[®] Linear

SIGNAGE - Light Box

800

New innovation V optics lens design, excellent homogeneous



7 YEARS
70.000hrs
L70

- Up to 835 lm/modules
- Up to 130 lm/W efficiency
- Injection material: PVC
- IP67

ModulBox[®] Linear SIGNAGE - Light Box

800



20880256

7 YEARS
70.000hrs
L70



IP67



15x85°



20 MOD. MAX
IN SERIES



CUTTABLE
EVERY 1 MOD.



NO NEED



24V



CC WITH IC



5 TO 3
MOD./ML



10 TO 4
Mod./M²

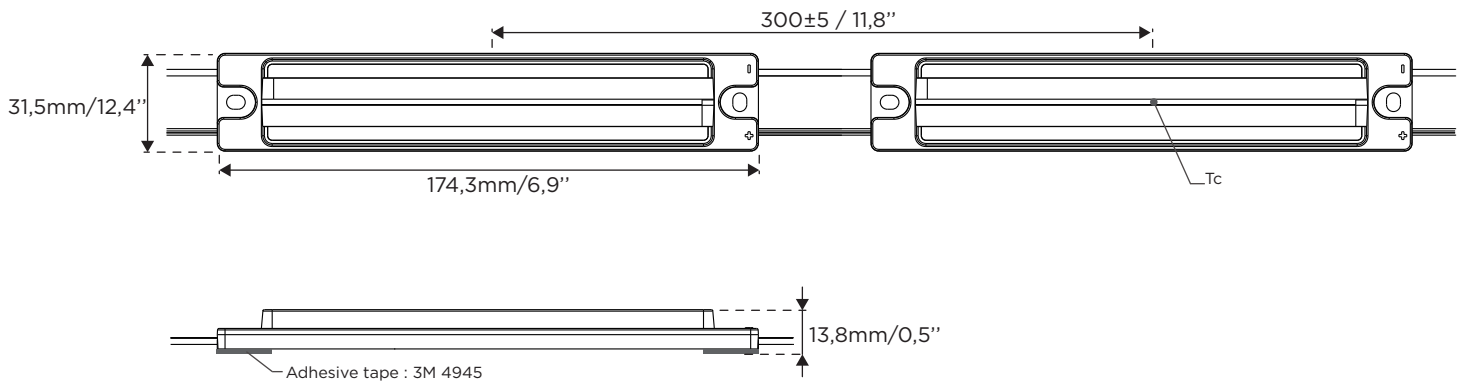


-25/+55°C

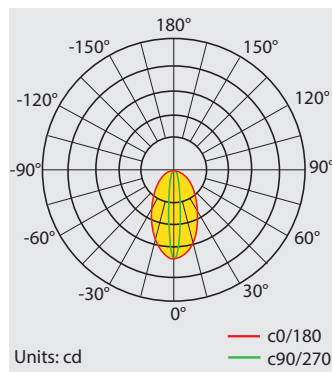
TECHNICAL DATA

| Code | Designation | Color Temperature / Wavelength | Typical power / mod (W) | Lumen output (lm/mod.) | Efficiency (lm/W) | Mod/chain | Mod distance - axe to axe (mm / in) |
|----------|---|--------------------------------|-------------------------|------------------------|-------------------|-----------|-------------------------------------|
| 20880256 | ModulBox Linear 800 WDL 15x 85° 20mod 300mm 6,4W 24V IP67 | WDL 6000-7000K | 6,4 | 835 | 130 | 20 | 300±5/11,8' |
| 20880257 | ModulBox Linear 800 R 15x 85° 20mod 300mm 5,8W 24V IP67 | R 615-625nm | 5,8 | 260 | 45 | 20 | 300±5/11,8' |

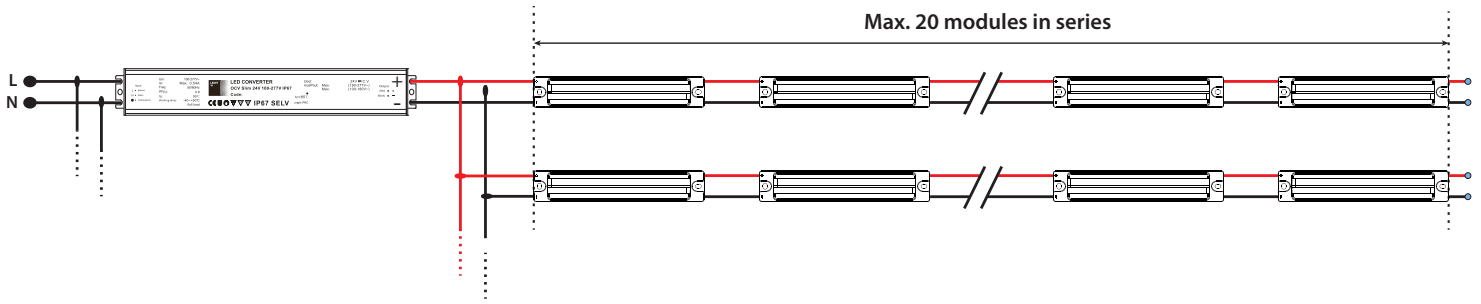
DIMENSIONS



LIGHT DISTRIBUTION

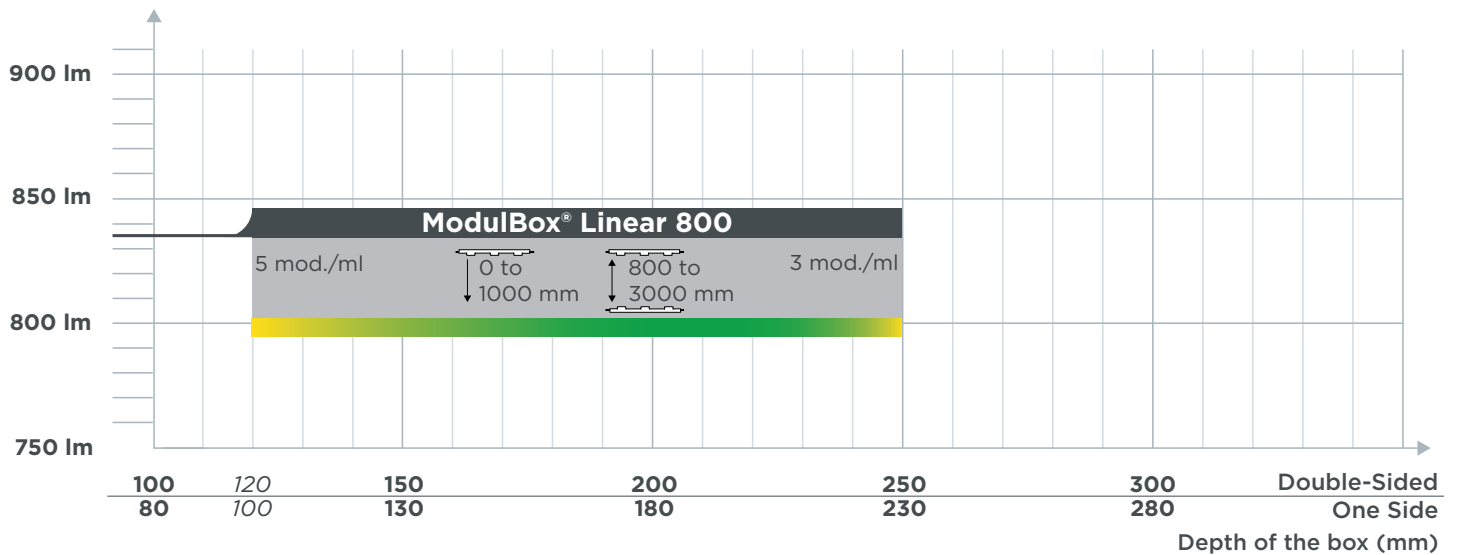


WIRING DIAGRAM

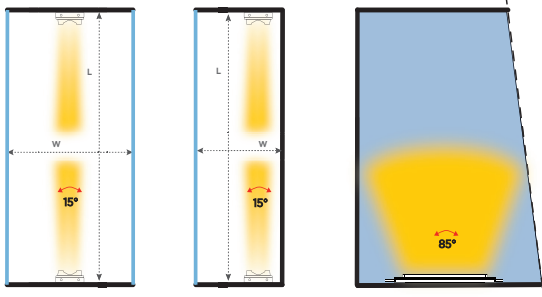


APPLICATION

Lumen output
(lm/module)



Possible under conditions Optimum



Double-Face

Single-Face

INGRESS PROTECTION IP67

“Inbuilt LED module” for Indoors or Outdoors.

The specified environmental protection of the LED module enclosure means that it is protected against dust ingress and water immersion up to 1m deep.

The certification requires products to pass a test 30min long at 1m depth. After 30min of submersion, the product could start to be affected or damaged.

Make sure that the application of the LED modules has proper drain holes for water to exit so that modules and any other electronic component are not submerged exceeding the IP67 certification limits.

NORMS & CERTIFICATES

- ▶ EN 55015:2013+A1:2015
- ▶ EN 61547:2009
- ▶ EN 61000-3-2:2014
- ▶ EN 62031:2020+A11:2021
- ▶ EN 61000-3-3:2013



THERMAL BEHAVIOUR

The temperature limits indicated below are expressed in °C, at full load, after 3h of operation conditions, with natural convection:

- ▶ Operation temperature Ta -25°C to +55°C
- ▶ Storage temperature Ts -40°C to +85°C
- ▶ Max. temperature Tc point +80°C

The life of the module will decrease when the maximum temperature limits are exceeded.

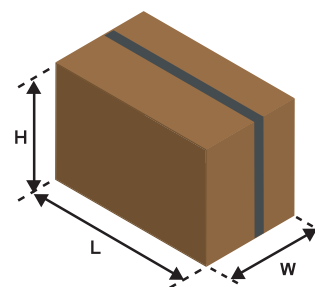
Operating for a continuous extended time at temperatures exceeding the maximum limits, the modules can fail and our warranty will be void.

INSTALLATION

- ▶ Always connect the LED modules to the power supply while it is OFF. Only then you can connect the power supply to electricity and turn it ON.
- ▶ Respect the maximum number of modules in a row.
- ▶ Check compatibility between LED and driver voltage.
- ▶ Install LED on a clean work station connected to the earth. All LEDs are sensitive to static electricity (ESD).
- ▶ Limit the cable length between LED and power supply (voltage drop).
- ▶ Do not make direct pressure on LED chip, this could damage the internal connection.
- ▶ Secure LED module lines with mechanical fixation (screws, glue, etc...) in addition to the adhesive tape.

PACKAGING

| Type | SIZE - LxWxH (cm) | SIZE - LxWxH (ft) | Weight (kg) | Weight (lb) | Unit (chain) |
|----------------------------------|-------------------|-------------------|-------------|-------------|--------------|
| ModulBox [®] Linear 800 | 52 x 37 x 26 | 1,7 x 1,2 x 0,8 | 20,9 | 46,1 | 14 |



(When the min and max values are not indicated, the tolerance range for optical and electrical data is ±15 %.)