

RML-12 Series



Product features



Outer ring: GB 12# environmental-friendly aluminum is adopted and is overall die-cast to take shape, with beautiful structural design.



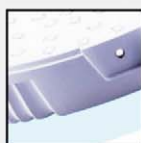
Reflective sheeting: the Hp LCD TV backlight reflective sheeting has superstrong light reflection, with thickness of 0.25mm-0.5mm.



Diffuser plate: PS material from Japan Mitsubishi is used. The 1.5mm ultrathin diffuser plate has a light transmittance of up to 92%, and its even and gentle light diffusion can effectively reduce fatigue and create the healthy light environment.



Aluminum substrate: high-conductivity aluminum is used to accelerate heat dissipation.



Rear cover: GB 12# environmental-friendly aluminum is adopted and is overall die-cast to take shape. This kind of aluminum is more environmental-friendly and durable, and has more strength and malleability than those of normal aluminum material. The arc design of the back can accelerate air convection and greatly enhance heat dissipation effect.



Power line: silica gel is used externally, and it has the joint lock ring design which is easy for installation and disassembly. Pure copper core line is used internally, which has a small resistance, with resistance to bend, flame retardancy, and resistance to high temperature and aging.



Plate spring: it is made of the superior stainless steel, with strong elasticity, accurate bending angle and corrosion resistance, which is not easy to damage and is high in use security.



I-shaped protective ring: to protect the friction between the power line and the base and avoid damage of the power line.



Driver: low-voltage constant-current intelligent IC driver is used, which is of integrated design and made of the imported PC material, with dust prevention, compression resistance and high temperature resistance. Ambient temperature for working: -20°C-85°C

Wire clip of panel light: to better fix the power line and fasten it to avoid coming off.

RML-12 Series

Applications

- Convention Center
- Hotels
- Boutiques
- Bussiness Center
- Museums
- Home
- Offices
- Hospitals
- Leisure Space. Etc



Part number system

RML-12 - DL R - 15W - 30K
X1 X2 X3 X4 X5

X1=Series
X2=Product type

DL=Down light
SPL=Surface-Mount Downlight
PL=Panel light

X3=Shape

R=Round type
SQ=Square type

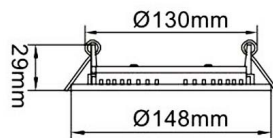
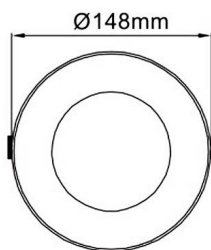
X4=Rate Power

5W=5 Watts
10W=10 Watts
15W=15 Watts
22W=22 Watts
30W=30 Watts

X5=Color temperature

30K=3000K
40K=4000K
65K=6500K

Dimensions



Dimensions: $\phi 148 \times 29$ mm.

Cut-Out: $\phi 130$ mm.



Ø130

Specifications

Specifications RML-12 ROUND (15W)

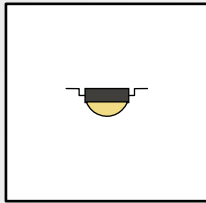
Rated power	15 W
Power factor	≥ 0.9
LED Qty.	75 pcs.
Power-Supply Efficiency	$\geq 88\%$
Color rendering index	$RA \geq 75$
Current	300 mA/45-80 V
Using Temperature	-20°C - 50°C

RML-12 Series

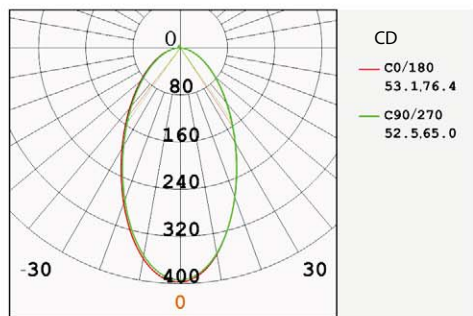
Illuminance for different color

Product Part Number	Beam Angle	Color	Color Temperature	Luminous Flux
RML-12-DLR-15W-30K	120 °	Warm White	3000 K	1250-1350 Lm
RML-12-DLR-15W-40K		Neutral White	4000 K	
RML-12-DLR-15W-65K		Daylight	6500 K	

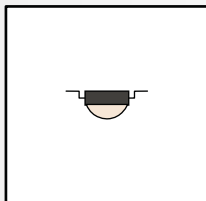
Light distribution curve



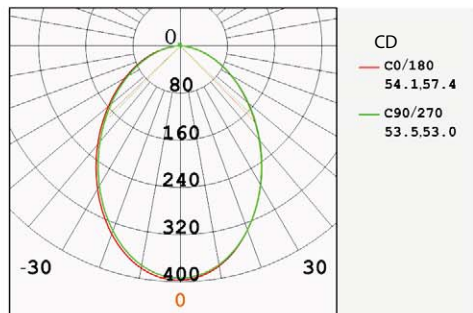
LED
Warm White
3000 K



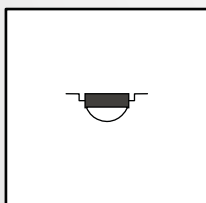
Light Distribution Curve
15W 1250-1350lm



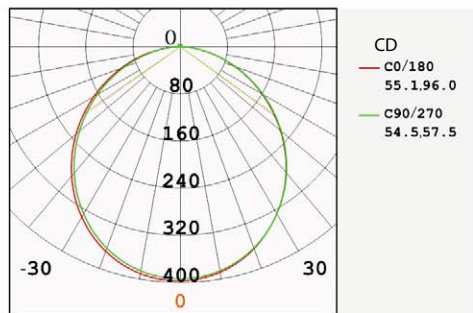
LED
Neutral White
4000 K



Light Distribution Curve
15W 1250-1350lm



LED
White
6500 K



Light Distribution Curve
15W 1250-1350lm