



**ECO
LIGHT**
INDUSTRIAL LED

**LED
COMMERCIAL
HIGH
BAY**

LEDIL24-180SEN

COMMERCIAL LED HIGH BAY LIGHT – 180W

This commercial 180W high powered LED high bay is a direct replacement to the traditional 400W Metal Halide high bay. Designed specifically for retail applications, it comes with an inbuilt dimmable Meanwell driver to optimise power savings when working in conjunction with “daylight harvesting” and “motion control” systems.

This unit boasts a robust IP65 anodized oxide white coated aluminium housing and acrylic diffuser with bottom plate, and is glass-free. It comes with 4500K colour temperature LED chips with colour rendering of 80 to 85. It is well suited for most high bay environments. The LEDIL24-180 comes with a mounting ring to ensure easy installation with optimum mounting height being 4m to 8m`.

LIGHT SENSOR

Designed to work in buildings and warehouses that have clear roof panels, the daylight sensor (fitted to the top of the light) dims the light down when sufficient daylight is coming through. This simple, yet effective solution to automatic dimming requires no additional controls or wires - simply plug in and the light will do the rest. Significant additional savings are achievable with this feature.



TECHNICAL SPECIFICATIONS

Fixture/Part No.	LEDIL24-180SEN
Total Power	185W
LED Power	180W
LED Lumens	16,917 lm
Fixture Lumens	15,900lm
LED Configuration	3 x 60W Epistar chips
Colour Temperature	4500K
Colour Rendering (Ra)	80-85
IP Rating	IP65
Life Span	>50,000
Eco-friendly	No UV, IR, Lead or Mercury
Operating Temperature	-40°C ~ 60°C
Weight	12.35kg
Beam Angle	90°
Suggested Working Height	4m to 8m
Size	626mm x 495mm Dia
Dimmable	Yes
Power Factor	≥ 0.95
Input Voltage Range	100~240 V AC
Power Cable	5m lead with 3 pin plug
Sensor Light	1-10V



SDOC is available on our website: www.ecolight.co.nz

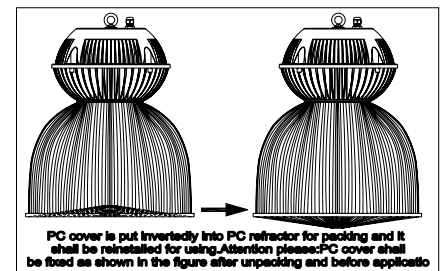
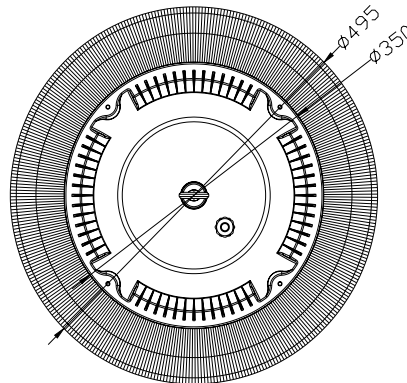
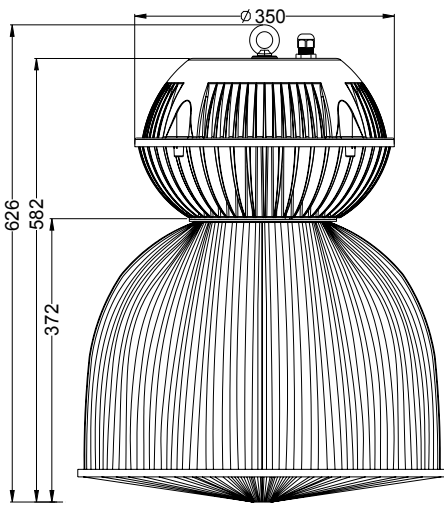
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BENEFITS

- >50,000hr life span
- Reduces energy consumption and prolongs life spans of peripheral cooling units (AC, Refrigeration)
- Over 50% power savings and greater savings achieved when utilising dimming*

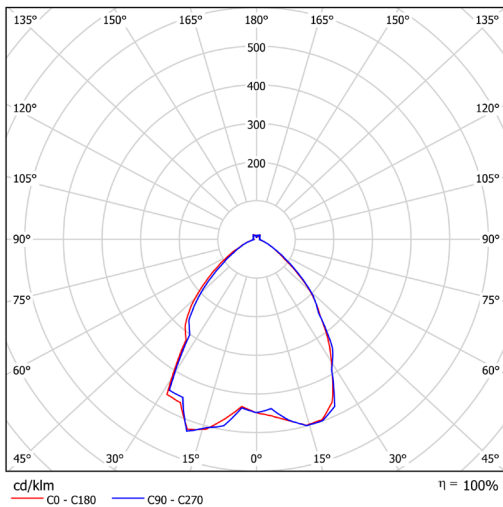
* = vs 400W Metal Halide fixture

DIMENSIONS



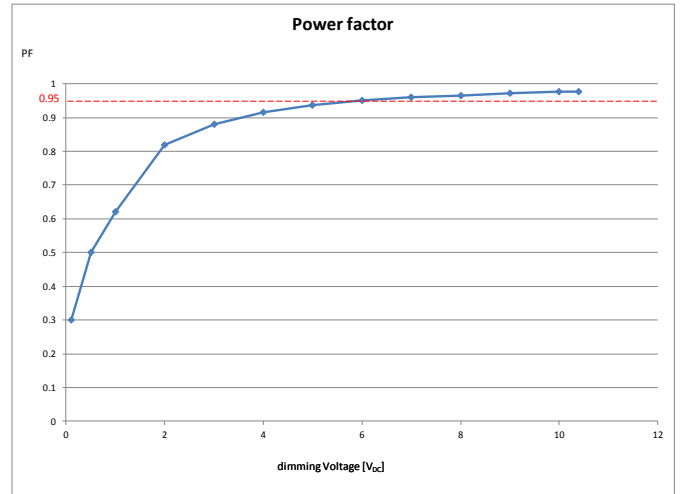
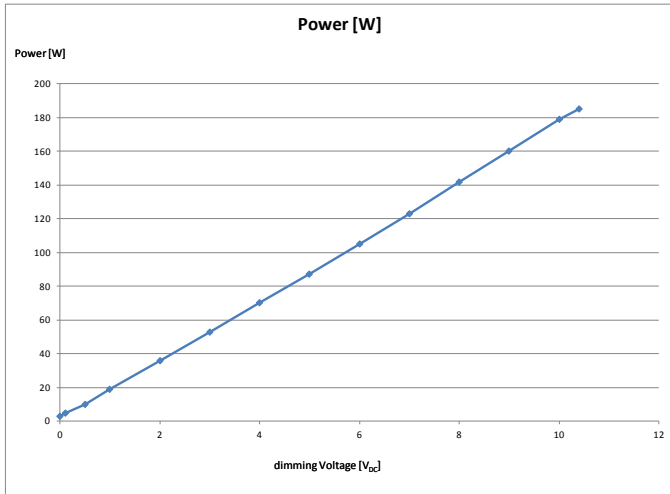
PHOTOMETRICS

Light Distribution



20 Neilpark Drive
East Tamaki
Auckland.
NEW ZEALAND
phone: 64 9 272 5619

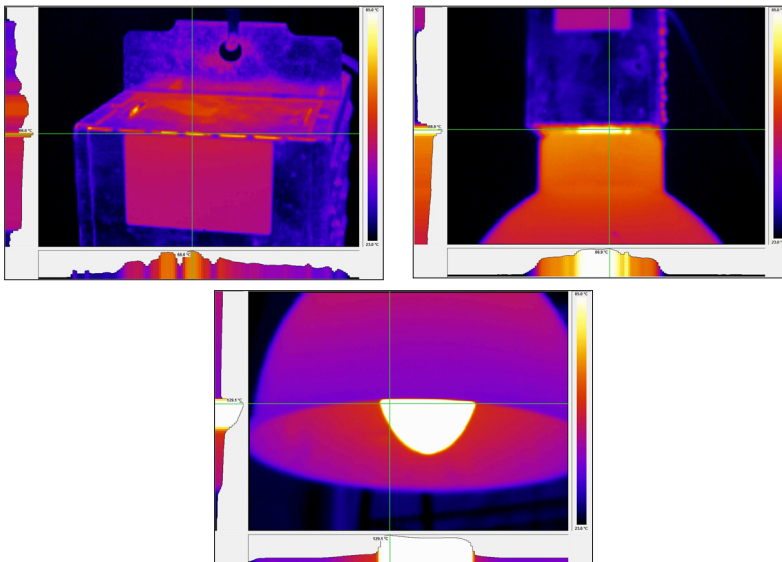
DIMMING PROFILE



THERMOGRAPHY IMAGES

LED vs Metal Halide

Metal Halide = 129°C



LED = 49.4°C

