WPLED18 RCL

Ultra-high efficiency LED 18 Watt wallpack. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

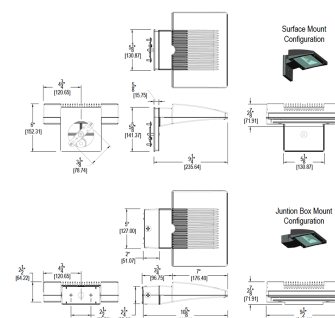Color: Bronze   Weight: 7.5 lbs

LED Info

Watts:	18W
Color Temp:	5000K (Cool)
Color Accuracy:	66
L70 Lifespan:	100000
LM79 Lumens:	2,044
Efficacy:	103 LPW

Driver Info

Type:	Constant Current
120V:	0.17A
208V:	0.11A
240V:	0.09A
277V:	0.08A
Input Watts:	20W
Efficiency:	91%

Technical Specifications

cUL Listing:
Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

Lifespan:
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LED:
Multi-chip, high-output, long-life LED

Driver:
Constant Current, Class 2, 100-277V, 50/60 Hz, 4 kV surge protection, 500mA, 100-240VAC: 0.3-0.15A, 277VAC: 0.15A, Power Factor: 99%

THD:
10.3% at 120V

Ambient Temperature:
Suitable for use in 40°C (104°F) ambient temperatures.

Cold Weather Starting:
The minimum starting temperature is -40°F/-40°C.

Thermal Management:
Superior heat sinking with external Air-Flow fins

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Finish:
Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Reflector:
Semi-specular, vacuum-metalized polycarbonate

Gaskets:
High-temperature silicone gaskets

Color Stability:
LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:
RC's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Housing:
Die-cast aluminum housing, lens frame and mounting arm

Mounting:
Heavy-duty mounting arm with "O" ring seal & stainless steel screws

Green Technology:
Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Replacement:
The WPLED18 replaces 150W Metal Halide Wallpacks.

IESNA LM-79 & LM-80 Testing:
RC LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

Dark Sky Approved:
The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

For Use on LEED Buildings:
IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Patents:
The design of WPLED18 is protected by US patent D608,040, Canada patent 138280, and China patent CN301649064S.

DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

Warranty:
RC warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.