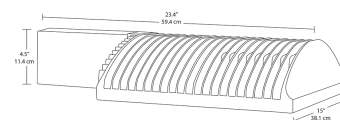


ALED2T78 RCL

Specification Grade Area lights available in IES Type II distributions. For use in parking lots, roadways, pathways and general area lighting. Mounts to 4" square steel poles at 15-25'. Designed to replace 250W Metal Halide Area Lights. Patent Pending thermal management system. 5 Year Warranty.

Color: Bronze

Weight: 32.0 lbs



LED Info

Watts: 78W
 Color Temp: 5100K (Cool)
 Color Accuracy: 67
 L70 Lifespan: 100000
 LM79 Lumens: 7,716
 Efficacy: 97 LPW

Driver Info

Type: Constant Current
 120V: 0.66A
 208V: 0.41A
 240V: 0.35A
 277V: 0.30A
 Input Watts: 79W
 Efficiency: 98%

Technical Specifications

cUL Listing:

Suitable for wet locations as a downlight.

Lumen Maintenance:

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

IES Classification:

The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

LEDs:

Six (6) Multi-chip, 13W, high-output, long-life LEDs.

Driver:

Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

THD:

5.0% at 120V, 12.3% at 277V

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Surge Protection:

4kV

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Thermal Management:

Superior heat sinking with external Air-Flow fins.

Effective Projected Area:

EPA = 0.75

Housing:

Die cast aluminum housing, lens frame and mounting arm.

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warranted 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 C78.377-2008.

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High temperature silicone gaskets.

Finish:

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

Surge Protector:

ALED78 is available with a 6kV surge protector (SP6). SP6 available .

Green Technology:

Mercury and UV free.



ALED2T78 RCL - continued

IESNA LM-79 & IESNA LM-80 Testing:

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

Replacement:

The ALED78 replaces 250W Metal Halide Area Lights.

California Title 24:

See ALED2T78/D10, ALED2T78/BL, ALED2T78/PCS, ALED2T78/PCS2, or ALED2T78/PCT for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

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.

Patents:

The ALED design is protected by patents in the U.S. Pat. 668,370, Canada Pat. 144956, China ZL201230100154.X, and Mexico Pat. 38423. Pending patents in Taiwan.

For use on LEED Buildings:

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

Dark Sky Approved:

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

