

ARE-EDR-3M-DL

Cree Edge™ Round Area Luminaire - Type III Medium - Direct Arm Mount Long

Product Description

Slim, low profile design minimizes wind load requirements. Luminaire sides are rugged cast aluminum with integral, weatherlight LED driver compartments, spun vented cover and high performance aluminum heat sink. Convenient, interlocking mounting method. Mounting housing is rugged die cast aluminum and mounts to 3/4" (19.05mm) square or round pole. Luminaire is secured by two 5/16-18 UNC bolts spaced on 2.375" (60.3mm) centers.

Performance Summary

- Utilizes BetaLED™ Technology
- Patented Nano-Cast™ Product Technology
- Made in the U.S.A. of U.S. and Imported parts
- CRB Minimum 70 CRI
- CCT: 5700K (+/- 500K) Standard, 4000K (+/- 300K)
- Limited Warranty: 10 years on luminaire / 10 years on Colorfast DataGuard™ Finish
- EPA and Weight: Reference EPA and Weight spec sheet

Accessories

- Field Installed Accessories
- XA-BRDSPK Bird Spikes

Ordering Information

Part No. ARE-EDR-3M-DL-04-EUL-SV-350-OPTIONS

Product	Date	Mounting	LED Count (LED)	Series	Voltage	Color Options	Driver Current	Options
ARE-EDR	3M	DL	40	E	UL Universal 50-277V W UL 30-480V 34	SP Silver Standard BK Black BR Bronze PL Platinum Bronze WH White	350T 300mA S25 350mA 700T 300mA	40K 4000K Color Temperature Color temperature per luminaire DIM-0-DIM Dimming Curtain by others Refer to drawing spec sheet for details Can't exceed specified drive current F. Note: When code disconnection fuse, use time delay fuse Not available with HL, options. Refer to HL spec sheet for availability with HL, options HL HL / Low DP / 150 / 125 Dual Circuit Input Refer to HL spec sheet for details Sensor not included P. Photocell Not available with all HL, options. Refer to HL spec sheet for availability with HL, options Not available with HL, options H. HMI Photocell Receptacle Not available with HL, options. Refer to HL spec sheet for availability with HL, options Photocell in others HL, HMI, Low Refer to HL spec sheet for details

* See www.cree.com/lighting/products/nomenclature for warranty terms
 ** Available on luminaires with 0-10V dimming
 *** Available on luminaires with 0-10V dimming
 **** Available on luminaires with 0-10V dimming



SOLID STATE AREA LIGHTING

CIRCULUX SERIES-LED

SPECIFICATIONS

LUMINAIRE

One piece high impact polycarbonate lens provided with durable corrosion resistant cast aluminum filter base. Heavy gauge formed aluminum reflector. Top is hinged for access. Base has 3" I.D. opening for tenon mounting. All hardware is Stainless Steel.

LED POWER ARRAY™

Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED's and is mechanically fastened to a radial aluminum heat sink. An acrylic lens and end cap protects the LED Tube's internal components.

VERTICAL POWER ARRAY™ WITH GLASS REFRACTOR: LED Tubes are aligned vertically and arranged radially to produce an even row light distribution that simulates standard light sources. Array is secured within a 6" Prismatic Glass Refractor which provides the optical control. Used in conjunction with a clear smooth globe.

VERTICAL POWER ARRAY™: LED Tubes are aligned vertically and arranged radially to produce an even row light distribution that simulates standard light sources. Produces a minimal glare, symmetric diffuse light distribution. Used in conjunction with an opal smooth diffusing globe.

LED EMITTERS

High Output LED's are driven at 350mA for nominal 1 Watt output each. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVERS

UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60Hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4kV of internal surge protection, 10kV & 20kV Surge Protector optional. Dimming and High-Low Driver options available.

FINISH

Polyester powder coat incorporates four step iron phosphate process to pre-treat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.



CLXA PATENT PENDING

1910LED/5RLM PARK RIDGE SERIES

SPECIFICATIONS

LUMINAIRE DESIGN

- The luminaire shall be a decorative downlight fixture which consists of a decorative cast aluminum filter base, a spun aluminum shade and lens.
- The luminaire shall have LED light sources with down-lighting optics.
- The luminaire shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines.
- The luminaire shall be U.L. or E.T.L. Listed in U.S. and Canada.

POST FITTER

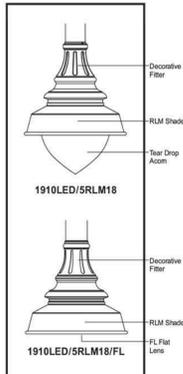
- The fitter shall be heavy wall cast aluminum for high tensile strength.
- The fitter shall have an inside diameter opening of 9 1/4" to accept the RLM/LED assembly.
- The large end of the fitter shall have four (4) stainless steel, allen head set screws which secure the RLM/LED assembly.
- When ordered with a Sternberg candy cane pole, the fitter shall be welded to the arm or tenon for safety and to ensure the luminaire will remain plumb and level over the luminaire lifetime.

DRIVER

- The LED driver shall be securely mounted inside the fitter to provide high capacity heat sinking for driver temperatures.
- The optional driver shall be mounted in the pole or base for optimized performance and longevity.
- The LED driver shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation.

LIGHT SOURCES

- The luminaire shall use high output, high brightness LEDs.
- The LEDs shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface.
- The LEDs shall be attached to the printed circuit board with not less than 90% pure silver to insure optimal electrical and thermal conductivity.
- The LEDs and printed circuit boards shall be protected from moisture and corrosion by a conformal coating of 1 to 3 mils.
- The LEDs and printed circuit board construction shall be environmentally friendly and



1910LED/5RLM18
EPA = 0.83 (ft)
WEIGHT = 24 LBS
1910LED/5RLM18/FL
EPA = 0.6 (ft)
WEIGHT = 22 LBS

LIST NO. 1910LED/5RLM PARK RIDGE SERIES
 (Continued on next page)

Height: 17'-0" to 5' min.

Height: 12'-0"

Height: Match Existing

