CRC

LED Cleanroom Corner Mount

CERTOLUX by VISCOR

Project:	Catalogue #:	Type:
Notes:		

Product Description

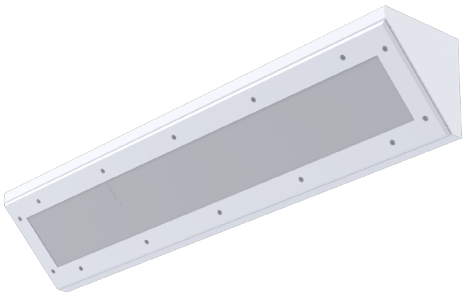
The CRC series by Certolux is a specification-grade LED luminaire for Cleanroom applications. The overlapping single piece door design provides for a continuous seal to the sealed housing. The luminaire can be corner mounted is IP65 certified and vermin proof. NSF/ANSI 2 Food Zone, Splash Zone and Non-Food Zone Applications (see ordering key).

Approvals

Approved to CSA and UL standards.
ETL Certified to IEC 60529 IP65.
NSF Listed (see ordering key).

Featured Options

- Emergency LED Battery Pack
- Red LED Array



Housing

Precision formed, TIG welded, 18 gauge cold rolled steel housing. PEM studs are used in order to mount components.

Door Frame

One piece 60° beveled perimeter door frame, fabricated from 18 gauge, cold rolled steel with TIG welded corners. It is retained by stainless steel aircraft cable when opened. Specialized, military grade, flat head, stainless steel, captive fasteners with integral silicone o-rings easily secure door frame to housing through use of floating cage nuts. Silicone o-rings offer superior performance and longer life over comparable teflon bushings. Custom shaped, extruded closed cell silicone gasketing is used throughout to ensure precise, seals between door assembly and housing. Vulcanized corners ensure continuity of the seal on the frame gasket. Continuous retention-mounts mechanically secure and evenly distribute force against both gasketing and diffuser.

Lens & Lens Retention

The standard lens assembly is made with a tempered safety glass which is sealed to the door frame with silicone sealant and a pattern #12 acrylic lens overlay which is mechanically secured. Other lens options available. (see product ordering guide)

Finish

The luminaire is in a polyester powder painted white finish and offers a high reflectivity coating for improved lighting performance and efficiency.

Electrical

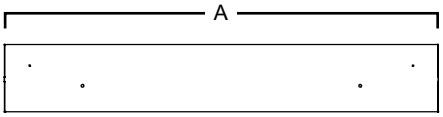
Long life LED's coupled with high efficiency drivers provide quality illumination. Rated to deliver an L80 performance >50,000 hours. The standard driver comes standard low-voltage dimming (0-10v, 1%). and has a THD of <10%. All electrical components are CSA or UL approved. A ½" EMT hole is provided for wiring connections.

Warranty

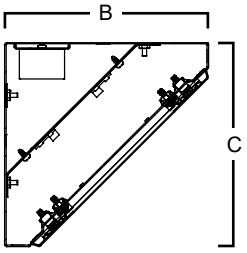
5 year limited warranty. For complete warranty terms visit:
http://viscor.com/assets/Viscor_LED_Warranty.pdf

Dimensions

Top View



End View



	A	B	C
24"	24"	7.75"	7.75"
48"	48"	7.75"	7.75"

Consult installation guide for exact dimensions.

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Project:	Catalogue #:	Type:
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Order Key

CRC - 3519 [ ] [ ] / [ ] LED 8 [ ] [ ] [ ] - [ ] Options

Series: CRC

Type: 3519

Size (Width x Length)
24
48

Door/Housing Gauge
A - 18 Ga. CRS - Painted*
E - 18 Ga. SS #304 - Painted
H - 18 Ga. SS #316 - #4 Brushed**
L - 18 Ga. SS #316 - Painted
J -16 Ga. SS #304 - #4 Brushed

*Standard door frame and housing material.
**Not available as housing material

CRI
8 - (80-89)

CCT
30K - 3000 K
35K - 3500 K
40K - 4000 K
50K - 5000 K

Nominal Lumens
26L - 2600
39L - 3900
52L - 5200
78L - 7800
104L- 10400

Voltage
UNV - 120-277V
347 - 347V

Lumen & Watts

Size	Delivered Lumens	Watts
24	2600	25
	3900	36
	5200	47
48	2600	25
	5200	47
	7800	75
	10400	98

Red LED Array - Lumen & Watts

Size	Rows of LED	Lumens	Watts
24	1	1020	27
	2	2045	54
48	1	2045	54
	2	4090	108

Driver Options
B02 Dimming Addressable Digital (DALI)
B39 Emergency Lighting Battery Pack - LED

Packaging Options
K0 Bulk Pack/Pallet Packed and/or Wrapped

Lens Options
P46 Lens Clear Polycarbonate 0.187" Thick
P56 Lens Clear Acrylic
P06 Lens Clear Glass Tempered
P11 Lens .156 Acrylic - P19
P13 Lens Prismatic Acrylic - P12 .125" Thick
P14 Lens Clear Glass Tempered with Prismatic Acrylic Overlay
P15 Lens Prismatic Impact Acrylic - P12 .140" Thick
P16 Lens Prismatic Polycarbonate - P12
P82 White Translucent Acrylic .080

Fusing and Breaker Options
T6 Fuseholder, In-line Single Pole

Wiring Options
V25 Radio Frequency Filter
V58 Sealed Wireway straight connector w/10ft Liquid Type Flex 3/14Ga. Wire
V80 LED Red array - One Row
V81 LED Red array - Two Rows
V33 Two circuits/drivers

Approval and Rating Options
X5 NSF (National Sanitation Foundation)
X8 IP65 Rated

Other options may be available, consult factory. Specifications and data subject to change without notice.