

# CLC Series 8" Cylindrical Recessed

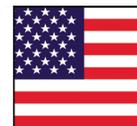
RECESSED MOUNT LIGHTING

**48V  
DC**

**100-  
277V**

**LM79  
LM80**

**IP51**



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

## DESCRIPTION

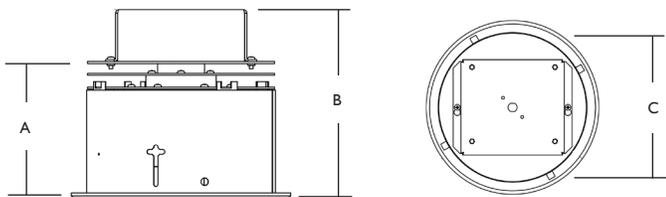
The ActiveLED® CLC Series 8" Cylindrical Recessed Can Light is designed to give clean even light in any indoor space. Made of fabricated solid aluminum with an IP66 rating, this fixture could also be used in certain protected outdoor spaces including canopies and soffits.

Applications include: Hallways, Offices, Board Rooms, and Reception Areas.



CLC08 with Bezel (Bezel Sold Separately)

## DIMENSIONS

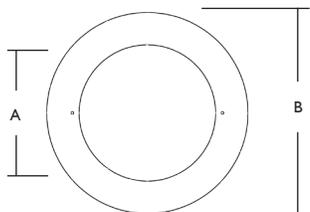


A	B	C
5.37"	9.87"	8"
13.63 cm	25.07 cm	20.32 cm

## FEATURES

- ActiveREST™ Dimming Technology - Depending on the LED Driver used, the fixture may be automatically dimmed when full light levels are not required. EXAMPLE - Dimming level 40 equates to less than 9% of actual watts being consumed.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LightSpace® Lighting Controls - Depending on the LED Driver used, the fixture is capable of being programmed and controlled either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. See page 2 for additional warranty information.

## ACCESSORIES / MOUNTING OPTIONS



BEZEL-08 (Bezel Sold Separately)

	A	B
BEZEL-0807	8"	9.38"
	20.32 cm	23.82 cm
BEZEL-0808	8"	10.45"
	20.32 cm	26.54 cm

LIGHT OUTPUT

**2,678** lm

WATTS

**25.7** W

LUMENS per WATT

**104** lm/W

LIGHT COLOR (CCT)

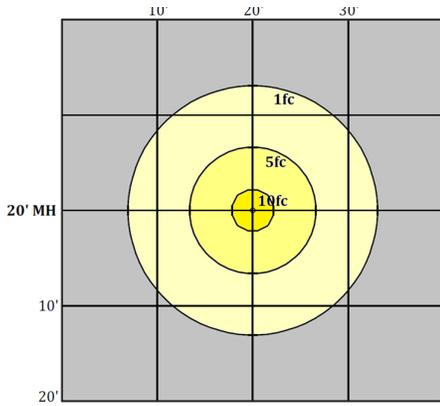
**5,000** K

NOTE: Lighting Facts shown for CLC07, 24W only.

**ActiveLED®**  
Energy Efficient Lighting and Controls



## PHOTOMETRICS



## PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)

NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

NOTE: Photometrics shown for CLC07, 24W only. Contact company for photometrics on other sizes.

## GENERAL SPECIFICATIONS

Input Voltage	Dependant on LED Driver	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Input Power	08, 14, 26, or 38 Input watts, 06, 12, 24 or 36 LED watts	Housing	Fabricated aluminum 0.90 thickness for heat sinking parts, electroplated galvanized steel for cylinder, stainless steel hardware
Driver	Integral or remote driver with aluminum housing, integral heatsink	Finish	Powder coated after fabrication
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Dimensions	8" Diameter x 9.87" Total Height x 5.37" can height (20.32 x 25.07 x 13.63 cm)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)	Weight	6.4 pounds with Bezel (3 kg), 2.6 lbs (1.2 kg) without power supply
LED Optics	IP51 rated, precision aluminum reflector/heat sink, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system		

## WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation.

## LISTINGS AND TESTS

cUL listed, CE, suitable for damp locations. RoHS compliant. IP51 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA - ARRA Compliant. DLC does not list Down Lights.

## FIXTURE ORDERING INFORMATION

Example: CLC08U-C-50R12

CLC08					
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Style	Voltage	Mount	CCT	Watts	Options
<b>CLC08</b> 8" Cylindrical Can	<b>U</b> - 100-277 VAC, 50/60 Hz <b>I</b> - 100/120 VAC, Single Voltage 60 Hz <b>2</b> - 277 VAC, Single Voltage 60 Hz <b>3</b> - 100 VAC, Single Voltage 60 Hz <b>4</b> - 208 VAC, Single Voltage 60 Hz <b>5</b> - 240 VAC, Single Voltage 50 Hz <b>N</b> - None <sup>1</sup> <b>E</b> - 45/48 VDC Driver <sup>2</sup>	<b>C</b> - Ceiling Recessed <b>D</b> - Damp Proof Ceiling Recessed <b>P</b> - Pendant Mount <b>S</b> - Surface / Rafter Mount <b>W</b> - Wall Mount	<b>50</b> - 5,000K <b>40</b> - 4,000K <b>35</b> - 3,500K <b>30</b> - 3,000K <b>27</b> - 2,700K	<b>R06</b> 6W LED, 8W Max 600 Lumens at 5,000K <b>R12</b> 12W LED, 14W Max 1200 Lumens at 5,000K <b>R24</b> 24W LED, 26W Max 2400 Lumens at 5,000K <b>R36</b> 36W LED, 38W Max 3600 Lumens at 5,000K	<b>P</b> Pigtail, 6' AC Whip

<sup>1</sup> Requires remote driver. Consult factory.

<sup>2</sup> No AC Support.

## BEZEL ORDERING INFORMATION

Example: BEZEL-08-07AWH

BEZEL-08			
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Style	Size	Diffuser	Color
<b>BEZEL-08</b> 8" Can Light Bezel	<b>07</b> - 9.38" O/D <b>08</b> - 10.45" O/D	<b>A</b> - Prismatic <b>B</b> - Translucent <b>F</b> - Clear Low-Fe Glass <b>N</b> - No Diffuser	<b>BK</b> - Black, <b>BR</b> - Brown, <b>BZ</b> - Bronze, <b>CG</b> - Charcoal, <b>SL</b> - Silver, <b>WH</b> - White, <b>X</b> - Custom