

**BCLED**  
LED Wall Bracket

**Metalux**



# Metalux

Metalux's BCLED is a versatile LED ceiling and wall mount series which can be used in a broad range of commercial and industrial applications. This series provides customers with a high quality luminaire utilizing the latest LED, solid state lighting and electronic driver technology for optimal performance and maximized energy efficiency. With a traditional opal white lens, the BCLED produces a 180 degree, uniform light distribution and is a perfect alternative to traditional fluorescent solutions.

## Construction

- Ceiling and Wall: 4 ft. and 2 ft.
- Depth: 4.25"
- Sustainable materials
- cULus, damp location rated
- ROHS compliant
- Five-year warranty

## Performance

- Smooth, frost lens offers even illumination
- Excellent performance, ranging up to 98 lm/W
- Energy savings in excess of 30% compared to traditional fluorescent products
- Three Correlated Color Temperatures (3000K, 3500K and 4000K)
- 4 ft.: L70 @ 60,000 hrs.,  
2 ft.: L70 @ 60,000 hrs.
- Binning: Per ANSI, 3-step MacAdam ellipse

## Options

- 12 - MTO lumen packages in three different CCTs
- 0 to 10V dimmable driver (standard) with optional DALI solutions
- Emergency – EL (700), EL10W (10 Watts) and EL14 (1400)
- Convenience outlet is available
- Fuse options available

## Controls

- BCLED includes 0-10V (analog) dimming for control using wall dimmers, Greengate Room Controllers, occupancy and/or daylight sensors and lighting controls panels from Cooper Lighting Solutions.
- BCLED is available with native Fifth Light DALI drivers for complete digital energy management using the capable and scalable Fifth Light controllers and software.



LM79 / LM80  
Compliant



# Ordering Information

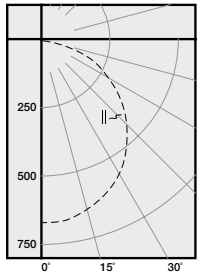
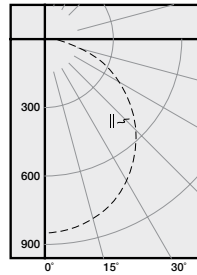
Sample Number: 4BCLED-LD4-40SL-F-UNV-L835-CD1-U

Rating	Width	Series	LED Type	LED Lumens Output <sup>3</sup>			Shielding
[Blank]=Standard	2=2 ft. Width 4=4 ft. Width	BCLED=LED Wall Bracket	LD4=LED 4.0	8SL=800 Lumens <sup>5</sup> 16SL=1600 Lumens <sup>5</sup> 20SL=2000 Lumens <sup>5</sup> 24HL=2400 Lumens <sup>5</sup>	28HL=2800 Lumens <sup>5</sup> 28SL=2800 Lumens <sup>7</sup> 32SL=3200 Lumens <sup>5</sup> 36SL=3600 Lumens	40SL=4000 Lumens 44HL=4400 Lumens 48HL=4800 Lumens	F=Frost Acrylic (standard)
Voltage <sup>1</sup>		Options				Driver Type	
347V=347 Volt 480V=480 Volt UNV=Universal Voltage 120-277 <sup>2</sup> UNC=Universal Voltage 347/480 <sup>7</sup>		GL=Single Element Fuse GM=Double Element Fuse	Emergency <sup>6</sup> EL7W=7-watt, 120V-277V emergency battery pack installed <sup>4</sup> EL14W=14-watt 120V-277V emergency battery pack installed <sup>4</sup>			CCT L830=3000K L835=3500K L840=4000K	CD=0-10V Dimming Driver SD=Step-dim Driver (Bi Level) <sup>7,8</sup> 5LTD=Fifth Light (DALI) Driver <sup>7,8</sup>
Number of Drivers	Options	Packaging	Accessories (Order Separately)				
1=1 Driver	CO=Convenience Outlet (120V only) RS1=Rotary Switch (1 Circuit, 120V only) PS1=Pull Switch (1 Circuit)	U=Unit Pack	AVC=Chain/Set=36" Chain Hanger (Use 1 Set Per Fixture) SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) SCA=Adjustable 48" Stem Set A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture)				

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Not available when specifying emergencies, voltage must be specific. 3. Nominal lumen output. 4. With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. 5. 2 ft. model. 6. No integral emergency for 2 ft. models. 7. Only available in 4 ft. models. 8. Step dim and DALI only available in 3600, 4000, 4400 and 4800 lumen packages.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

# Photometrics

BCLED 4', 3000 Lumens	BCLED 4', 4000 Lumens
 <p>Electronic Driver Linear LED 3500K Spacing criterion: (II) 1.3 x mtg height, (⊥) 1.4 x mtg height Lumens = 3171 Input Watts = 32.5W Efficacy = 97.6 lm/W Test: 4BCLED-LD4-32SL-F-UNV-L835-CD1-U.IES</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (II) 1.3 x mtg height, (⊥) 1.4 x mtg height Lumens = 3990 Input Watts = 42.5W Efficacy = 93.9 lm/W Test: 4BCLED-LD4-40SL-F-UNV-L835-CD1-U.IES</p>

2' Lumen Maintenance		
Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
35°C	> 86%	165,000

4' Lumen Maintenance		
Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
35°C	> 91%	169,000

Certification Data			
cULus - Damp Location	LM79/LM80 Compliant	ROHS Compliant	NOM Compliant

### **Lighting Brands**

Ametrix  
AtLite  
Corelite  
Ephesus  
Fail-Safe  
Halo  
Halo Commercial  
Invue  
io  
Iris  
Lumark  
Lumière  
McGraw-Edison  
Metalux  
MWS  
Neo-Ray  
Portfolio  
RSA  
Shaper  
Streetworks  
Sure-Lites

### **Controls Brands**

Greengate  
Fifth Light

### **Connected Lighting Systems**

HALO Home  
WaveLinx

### **IoT Platform**

Trellix



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