

CLD Series

**HALO**



**3**  
seleCCTable™  
colors

CLD  
LED Surface Luminaire

**EATON**

*Powering Business Worldwide*



3000K • 4000K • 5000K



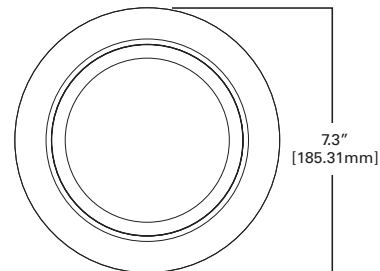
The Halo™ CLD is a low profile, high performance surface mount luminaire that offers the added flexibility of 3 field selectable color temperatures at time of installation.

# CLD LED Surface Luminaire



SAMPLE NUMBER: CLD7089SWHR

Models	Lumens	CRI / CCT	Finish	Packaging
<b>CLD7</b> = 7-Inch surface light	<b>08</b> = 800 lumen (nominal)	<b>9S</b> = 90 CRI minimum, selectable 3000, 4000 or 5000K CCT	<b>WH</b> = matte white flange	<b>R</b> = recyclable unit carton suitable for merchandising display













- 7" low profile surface mounting luminaire
- 800 lumen package is available with 3 field SeleCCTable CCT - 3000K|4000K|5000K
- 11.2W, Integral 120V 60 Hz constant current driver
- 90 CRI minimum as standard
- L70 @ 50,000 Hrs
- Dimmable to 5% with many 120V leading-edge and trailing-edge phase control dimmers
- Five-year limited warranty

- Installs in many 3-1/2" and 4" ceiling junction boxes as well as pancake boxes
- Retrofits 6" recessed downlight housings
- UL Certified for US and Canada
- Damp Location Listed for walls
- Wet Location Listed for showers and outdoor protected ceilings
- AIR-TITE™ certified per ASTM-E283



Refer to ENERGY STAR® Certified Products List.  
Can be used to comply with California Title 24 High Efficacy requirements.  
Certified to California Appliance Efficiency Database under JA8.

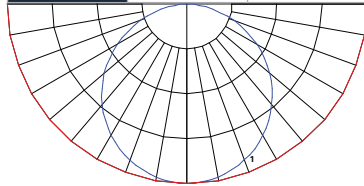
## Compatible Junction Boxes\*

				
<b>Octagon</b> steel light fixture / fan box	<b>Square</b> steel deep box	<b>Round</b> new work fixture box (plastic)	<b>Round</b> new work ceiling box (plastic)	<b>Round</b> old work fixture box (plastic)
4" x 4" x 2-1/8"	4" x 4" x 2-1/8"	4" diameter x 2-3/16"	3-1/2" diameter x 2-3/4"	4" diameter x 2-3/16"
4" x 4" x 1-1/2"	4" x 4" x 1-1/2"			
				
<b>Round</b> new work fixture box (plastic) with bar hanger	<b>Round</b> surface mount	<b>Round</b> ceiling pan	<b>TP316</b> Eaton's Crouse-Hinds junction box for non-metallic cable	<b>TP317</b> Eaton's Crouse-Hinds junction box for metal clad cable
4" diameter x 2-3/16"	4" diameter x 1-1/2"	4" diameter x 13/16"	4" x 2-1/8"	4" x 2-1/8"

\*This is a representative list of compatible junction boxes only. Information contained in this literature about other manufacturers' products is from published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Eaton makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must determine that site conditions are suitable to allow proper installation of the mounting bracket in the box.

Energy Data	
Lumens	810
Wattage	11.2W
Input Current	0.088
Efficacy	72.3 LpW
THD	≤ 20%
Frequency	60 Hz
T Ambient	-30° - +40°C
Voltage	120V
Sound Rating	Class A
Power Factor	0.99

CLD7089SWHR - 3000K		
Luminaire lumens	805	
Input watts	11.2	
LER (LPW)	71.9	
Spacing Criteria	0-180	1.26
	90-270	1.26
	Diagonal	1.38
Beam angle (degrees)	113.2	
Field angle (degrees)	161.7	
Zonal lumen	Lumens	% Lumens
0-30	218	27.1
0-40	357	44.4
0-60	635	78.8
0-90	805	100

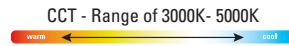


Color Metric Summary-3000K	
TM-30-15	Rf = 89
	Rg = 97
CRI/CIE	Ra = 94
	R9 = 67

Color Metric Summary-4000K	
TM-30-15	Rf = 88
	Rg = 97
CRI/CIE	Ra = 94
	R9 = 94

Color Metric Summary-5000K	
TM-30-15	Rf = 86
	Rg = 96
CRI/CIE	Ra = 93
	R9 = 94

Catalog Number	CCT	Lumens	Power (W)	LPW
CLD7089SWR	3000K	805	11.2	71.9
	4000K	810	11.2	72.3
	5000K	810	11.2	72.3



\*Additional photometric ies files available online.



## Lighting Control Solution

Eaton dimmers offer versatile options to set the mood and reduce energy consumption. These compatible LED dimmers are ideal for both residential and light commercial applications and are compatible with decorator (screw-less) style devices and wallplates. Refer to [www.eaton.com](http://www.eaton.com) for additional information.



**Decorator**  
WBSD-DEC-\*



**Slide**  
WBSD-SLD-\*



**Toggle**  
WBSD-TOG-\*



**Smart**  
WBSD-SMT-\*

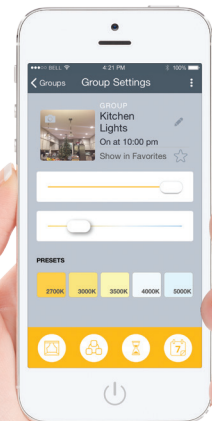


### HALO Home In-wall Smart Dimmer

HIWMA1BLE40AWH

Controls standard lighting fixtures with dimmer or HALO Home mobile app.

- ON/OFF
- Dim
- Group
- Scene
- Schedule



# HALO HOME™

## **Eaton**

1121 Highway 74 South  
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P: 770-486-4800  
[www.eaton.com/lighting](http://www.eaton.com/lighting)

### Canada Sales

5925 McLaughlin Road  
Mississauga, Ontario L5R 1B8  
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F: 905-501-3172

## **Our Lighting Product Lines**

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

## **Our Controls Product Lines**

Fifth Light Technology  
Greengate  
iLight (International Only)  
iLumin  
Zero 88

## **Connected Lighting Systems**

Distributed Low-Voltage Power  
HALO Home  
iLumen Plus  
LumaWatt Pro  
WaveLinx

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