

CLD Series

HALO



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.

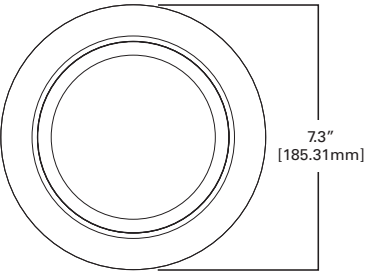


CLD LED Surface Luminaire



SAMPLE NUMBER: CLD7089SWHR

Models	Lumens	CRI / CCT	Finish	Packaging
CLD7 = 7-Inch surface light	08 = 800 lumen (nominal)	9S = 90 CRI minimum, selectable 3000, 4000 or 5000K CCT	WH = matte white flange	R = 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.

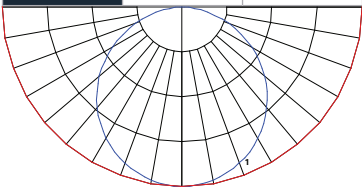
Compatible Junction Boxes*

				
Octagon steel light fixture / fan box	Square steel deep box	Round new work fixture box (plastic)	Round new work ceiling box (plastic)	Round 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"			
				
Round new work fixture box (plastic) with bar hanger	Round surface mount	Round ceiling pan	TP316 Eaton's Crouse-Hinds junction box for non-metallic cable	TP317 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	

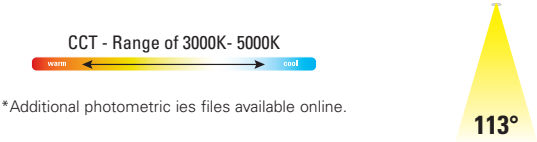


Color Metric Summary-3000K	
TM-30-15	Rf = 89
	Rg = 97
CRI/CIE	Ra = 94
	R9 = 67

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



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 for additional information.



Decorator
WBSD-DEC-*



Slide
WBSD-SLD-*



Toggle
WBSD-TOG-*

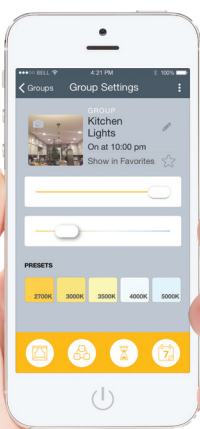


Smart
WBSD-SMT-*



HALO Home In-wall Smart Dimmer
HIWMA1BLE40AWH
Controls standard lighting fixtures with dimmer or HALO Home mobile app. Features include:

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



Eaton

1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Canada Sales

5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
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

Eaton

1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

© 2019 Eaton
All Rights Reserved
Printed in USA
Publication No. BR518061EN
March 2019

Products, specifications and
compliances are subject to
change without notice.

Eaton is a registered trademark.

All other trademarks are property
of their respective owners.



Powering Business Worldwide