



# MAGIC WAND® CLT O-OBM

surface mounted multi-function accent light



Magic Wand CLT O-OBM  
with Ring Baffle (OG)

Magic Wand CLT O-OBM  
with Open Aperture (OH)



aperture view



aperture view

Magic Wand CLT O-OBM is an accent light designed for mounting on a 4" octagonal outlet box (by others). Fixture is powered by one of a number of Cree chip-on-board LED's. See tables below for wattages and efficacies.

- **Fixture function can be changed with your choice of Quick Change Cartridge** – which can be removed from the fixture easily – and your choice of 'twist and lock' [reflector](#).
- **Quick Change Cartridge / Reflector choices**
  - **Quick Change Cartridge with a ring baffle (OG)** for enhanced shielding; for use with a 10°, or 20° or 36° reflector
  - **Quick Change Cartridge with an open aperture (OH)** for maximum efficacy; for use with a 10°, 20° or 36° reflector
- **Fixture is ordered with a single Quick Change Cartridge and a single reflector.** Additional Quick Change Cartridges and reflectors may be ordered as accessories.
- **Optical Accessories:** Each Quick Change Cartridge accepts one of a number of spread lenses, color filters and screens. A complimentary Beam Smoother is included.
- **Concealed swivels** provide 350° of horizontal rotation and vertical adjustment from 0° to 90°. The swivels are permanently tensioned, allowing the fixture to remain fixed at any aiming angle.
- **For more information, [click here](#).**

## PRODUCT CODE

For complete product code, list basic unit and select one item from each following box.

<b>Basic Unit</b> .....	MW-CLT-OB
<b>Quick Change Cartridge</b>	
Ring Baffle .....	OG
Open Aperture .....	OH
<b>Reflector</b>	
10° narrow spot .....	- 10D
20° spot .....	- 20D
36° flood .....	- 36D
<b>Driver (DMP):</b> Fixture includes a driver which is	
• dimmable to 10% with a an incandescent or electronic low voltage (ELV) dimming on 120-volt track (2C) – and –	
• not dimmable at all on 277-volt track (HC).	
For a model that dims wirelessly, see <a href="#">Magic Wand CLT O-OBM Bluetooth</a>	
<b>Light Source Output (Lumens)</b>	
800L / CRI 98 .....	not available for 277v ... 2700K & 3000K only ... - L08A
1200L .....	2700K & 3000K only .. - L12A
1100L / CRI 80+ .....	not available for 277v .....
1500L .....	- L15S
<b>Light Color</b>	
2700K .....	- 27K
3000K .....	- 30K
3500K .....	not available with all Light Outputs (see above)..... - 35K
4000K .....	not available with all Light Outputs (see above)..... - 40K
5000K .....	not available with all Light Outputs (see above)..... - 50K
<b>Finish</b>	
white: white paint, white lead cord, matte aluminum heat sink .....	- WH
black: black paint, black lead cord, black heat sink .....	- BL
Industrial Silver: silver paint, black lead cord, black heat sink .....	- SI
custom color: include physical chip with order and select one from below	
• white lead cord, matte aluminum heat sink .....	- CCW
• black lead cord, black heat sink .....	- CCB
• any other combination requires a special order	

## EXTRA REFLECTORS & CARTRIDGES

Specify as separate line items.

<b>Reflector</b>	
10° narrow spot .....	MW-CLT-10D
20° spot .....	MW-CLT-20D
36° flood .....	MW-CLT-36D
<b>Quick Change Cartridge</b>	
Open Aperture .....	MW-CLT-OH
Ring Baffle .....	MW-CLT-OG

## OPTICAL ACCESSORIES ▼ See next page

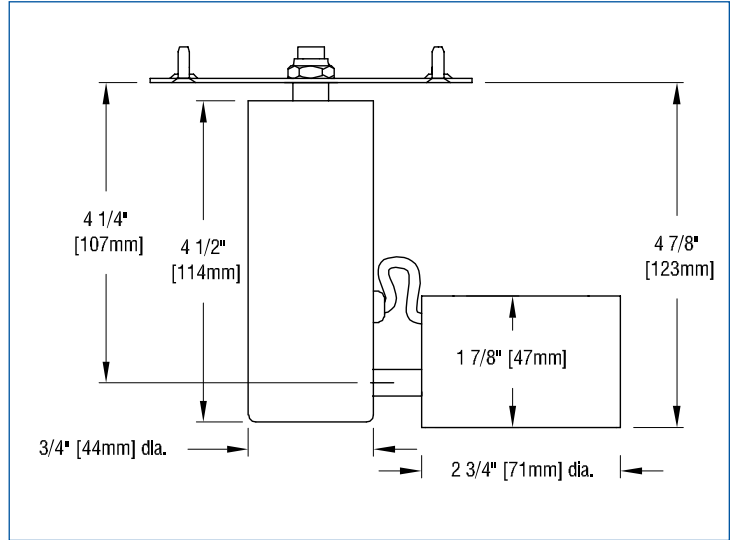


## OPTICAL ACCESSORIES

Specify as separate line items.

All are 2 3/8" (60mm) dia. Lenses and filters are glass; screens are aluminum.

<b>diffuse glass</b> .....	DGS/2.375
<b>prismatic lens</b> (Solite) .....	PLS/2.375
<b>55° spread lens</b> .....	LENS/2.375
<b>40° x 70° spread lens</b> .....	LENS/2.375-4070
<b>beam smoother</b> included with fixture .....	CLR/2.375
<b>color filters</b>	
Daylight Blue .....	DAY/2.375
Surprise Pink .....	PNK/2.375
amber .....	AMB/2.375
blue .....	BLU/2.375
green .....	GRN/2.375
red .....	RED/2.375
<b>33% light reduction screen</b> .....	SCR33/2.375
<b>50% light reduction screen</b> .....	SCR50/2.375



## APPLICATIONS

Luminaire is suitable for highlighting vertical or horizontal surfaces, as well as objects in museums, galleries, showrooms, residences, offices and stores.

Luminaire is listed for Damp Location mounting on a standard 4" octagonal outlet box (by others).

## STANDARD DRIVER INFORMATION (UL Class 2, dry and damp location)

Voltage	120	277
Input Watts (L08A/L12A/L11S/L15S)	9/14/9/14	9/14/9/14
Input Current(A) (L08A/L12A/L11S/L15S)	.08/12/08/12	.03/05/03/05
Output Current (mA)	250-350	250-350
Min. Power Factor	0.90	0.90
Operating Temperature Range (F)	-4 to 122	-4 to 122

## LIGHT OUTPUT MULTIPLIER

(Based on 1500 lumens 80 CRI option)

LED Module Type	Light Output Multiplier
800 Lumens 98 CRI (L08A)	0.52*
1200 Lumens 98 CRI (L12A)	0.76*
1100 Lumens 80 CRI (L11S)	0.69*
1500 Lumens 80 CRI (L15S)	1

\*estimated values

– photometrics continued below –



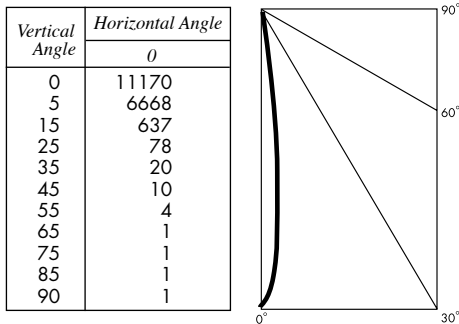
## PHOTOMETRIC REPORT with 10° reflector and OG Cartridge (tested per IESNA LM-79-2008)

Verification Services Report No. 12556986.01 Original test report furnished upon request.

Luminaire ..... surface-mounted LED accent light with 10° reflector and black ring-baffle (no Lens)  
 Lamp ..... CREE LED 1500 lumens, 3000K CCT, 80 CRI  
 Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request



### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

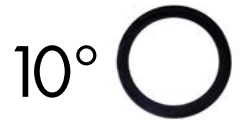
LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
800 Lumens 98 CRI (L08A)	365*	5808*	41*	9
1200 Lumens 98 CRI (L12A)	534*	8489*	38*	14
1100 Lumens 80 CRI (L11S)	484*	7707*	54*	9
1500 Lumens 80 CRI (L15S)	702	11170	51	14

\*estimated values

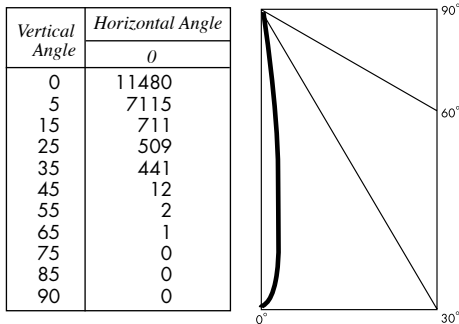
## PHOTOMETRIC REPORT with 10° reflector and OH Cartridge (tested per IESNA LM-79-2008)

Verification Services Report No. 12556986.04 Original test report furnished upon request.

Luminaire ..... surface-mounted LED accent light with 10° reflector and black lens holder (no Lens)  
 Lamp ..... CREE LED 1500 lumens, 3000K CCT  
 Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request



### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
800 Lumens 98 CRI (L08A)	645*	5970*	72*	9
1200 Lumens 98 CRI (L12A)	942*	8725*	67*	14
1100 Lumens 80 CRI (L11S)	856*	7921*	95*	9
1500 Lumens 80 CRI (L15S)	1240	11480	90	14

\*estimated values

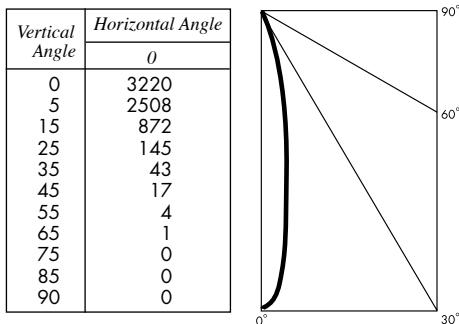
## PHOTOMETRIC REPORT with 20° reflector and OG Cartridge (tested per IESNA LM-79-2008)

Verification Services Report No. 12556986.02 Original test report furnished upon request.

Luminaire ..... surface-mounted LED accent light with 20° reflector and black ring-baffle (no Lens)  
 Lamp ..... CREE LED 1500 lumens, 3000K CCT  
 Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request



### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
800 Lumens 98 CRI (L08A)	294*	1674*	33*	9
1200 Lumens 98 CRI (L12A)	429*	2447*	31*	14
1100 Lumens 80 CRI (L11S)	390*	2222*	43*	9
1500 Lumens 80 CRI (L15S)	565	3220	41	14

\*estimated values

## PHOTOMETRIC REPORT with 20° reflector and OH Cartridge (tested per IESNA LM-79-2008)

Verification Services Report No. 12556986.05 Original test report furnished upon request.

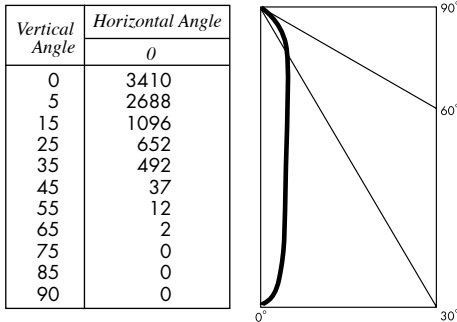
Luminaire ..... surface-mounted LED accent light with 20° reflector and black lens holder (no Lens)

Lamp ..... CREE LED 1500 lumens, 3000K CCT

Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request



### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
800 Lumens 98 CRI (L08A)	628*	1773*	70*	9
1200 Lumens 98 CRI (L12A)	917*	2592*	66*	14
1100 Lumens 80 CRI (L11S)	833*	2353*	93*	9
1500 Lumens 80 CRI (L15S)	1207	3410	88	14

\*estimated values

## PHOTOMETRIC REPORT with 36° reflector and OG Cartridge (tested per IESNA LM-79-2008)

Verification Services Report No. 12556986.03 Original test report furnished upon request.

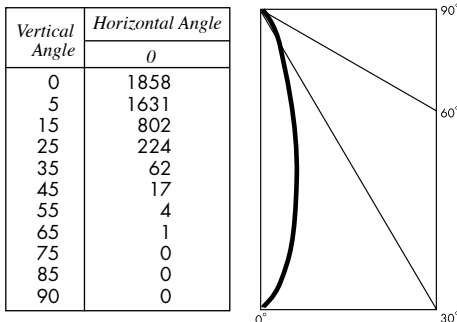
Luminaire ..... surface-mounted LED accent light with 36° reflector and black ring-baffle (no Lens)

Lamp ..... CREE LED 1500 lumens, 3000K CCT

Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request



### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
800 Lumens 98 CRI (L08A)	277*	971*	31*	9
1200 Lumens 98 CRI (L12A)	405*	1420*	29*	14
1100 Lumens 80 CRI (L11S)	368*	1289*	41*	9
1500 Lumens 80 CRI (L15S)	533	1868	39	14

\*estimated values

## PHOTOMETRIC REPORT with 36° reflector and OH Cartridge (tested per IESNA LM-79-2008)

Verification Services Report No. 12556986.06 Original test report furnished upon request.

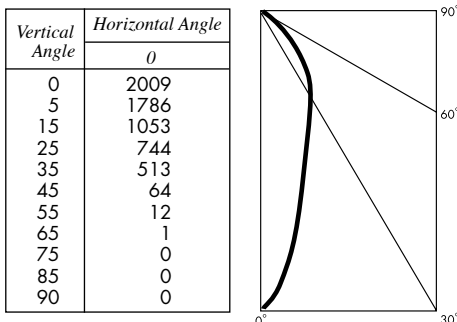
Luminaire ..... surface-mounted LED accent light with 36° reflector and black lens holder (no Lens)

Lamp ..... CREE LED 1500 lumens, 3000K CCT

Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request



### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
800 Lumens 98 CRI (L08A)	624*	1045*	69*	9
1200 Lumens 98 CRI (L12A)	912*	1527*	65*	14
1100 Lumens 80 CRI (L11S)	828*	1386*	92*	9
1500 Lumens 80 CRI (L15S)	1200	2009	87	14

\*estimated values