

Project

Date

Product Code

Type

Designer



# MAGIC WAND® CLT O

track mounted multi-function accent light



Magic Wand CLT O is a track mounted accent light powered by one of a number of Cree chip-on-board LED's. See tables below for wattages and efficacies.

- Fixtures may be configured to mount to any of eighteen 20-amp, 12-volt track systems – or – to any of six 277-volt track systems.
- 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.

Basic Unit .....	MW-CLT
<b>Track Configuration</b>	
120-volt track (e.g. SightLine) .....	- 2C
277-volt track (e.g. HighLine) .....	- no switch option; not dimmable - HC
<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).	
<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 paint number or physical chip with order and select one from below	
• white lead cord, matte aluminum heat sink, white switch (if any) .....	- CCW
• black lead cord, black heat sink, black switch (if any) .....	- CCB
• any other combination requires a special order	

## OPTIONS Specify by adding to the product code.

rocker type on/off switch in track adapter; for use on 120-volt track only; track adapter lengthened to 7 5/8" .....	- SW
white switch for white fixture; black for Silver or black fixture; white or black switch for custom color fixture, see Finish box above	

## 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



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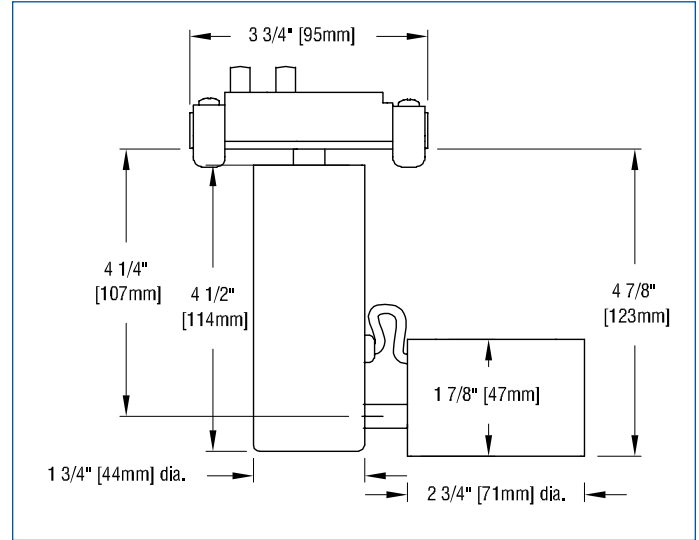
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## OPTICAL ACCESSORIES

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 mounting on Edison Price Lighting 120-volt or 277-volt track.

## 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

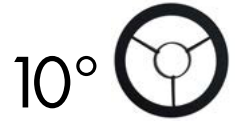
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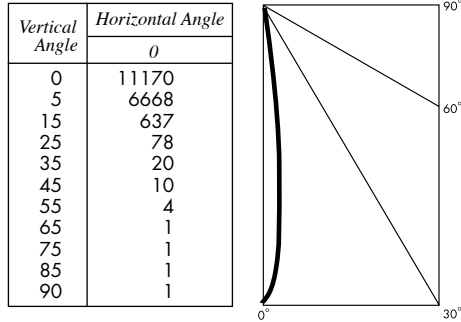
## PHOTOMETRIC REPORT with 10° reflector and OG Cartridge (tested per IESNA LM-79-2008)

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

Luminaire ..... track-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 (Candela)



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

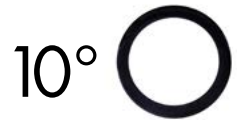
LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
800 Lumens 98 CRI (L08A)	365*	5808*	41*	9
1200 Lumens 98 CRI (L12A)	534*	8489*	38*	14
1100 Lumens 80 CRI (L11S)	484*	7707*	54*	9
1500 Lumens 80 CRI (L15S)	702	11170	51	14

\*estimated values

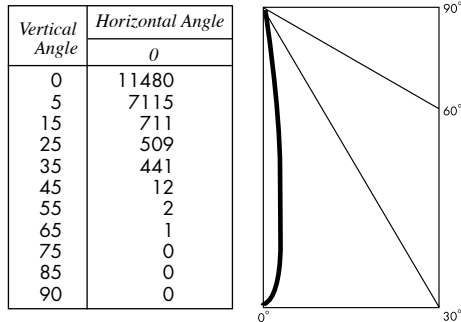
## PHOTOMETRIC REPORT with 10° reflector and OH Cartridge (tested per IESNA LM-79-2008)

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

Luminaire ..... track-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 (Candela)



### 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

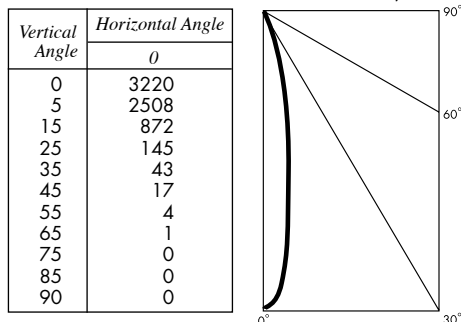
## PHOTOMETRIC REPORT with 20° reflector and OG Cartridge (tested per IESNA LM-79-2008)

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

Luminaire ..... track-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 (Candela)



### 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

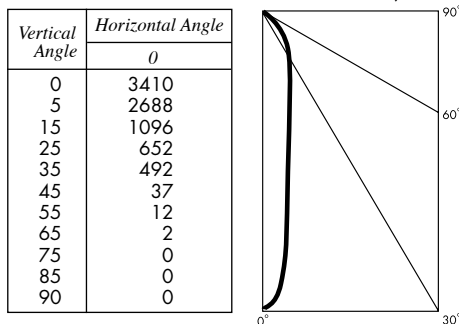
## PHOTOMETRIC REPORT with 20° reflector and OH Cartridge (tested per IESNA LM-79-2008)

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

Luminaire ..... track-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 (Candela)



### 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

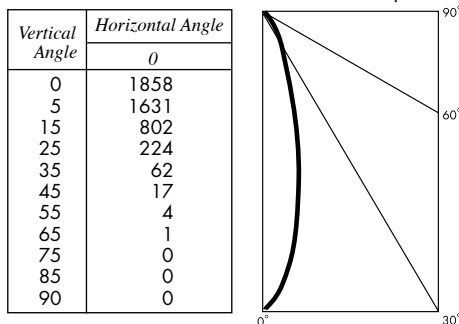
## PHOTOMETRIC REPORT with 36° reflector and OG Cartridge (tested per IESNA LM-79-2008)

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

Luminaire ..... track-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 (Candela)



### 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

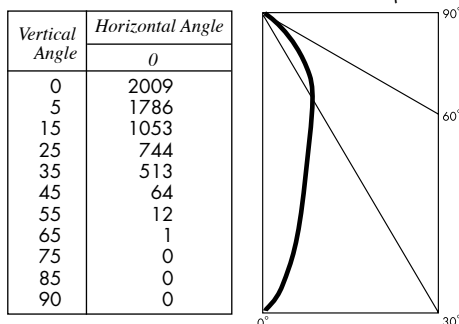
## PHOTOMETRIC REPORT with 36° reflector and OH Cartridge (tested per IESNA LM-79-2008)

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

Luminaire ..... track-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 (Candela)



### 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