

MAGIC CYLINDER LIGHT

Monopoint Pendant / Surface / Spotlight /Track Light



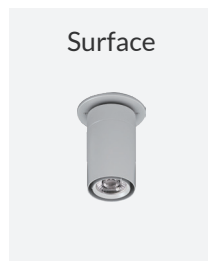
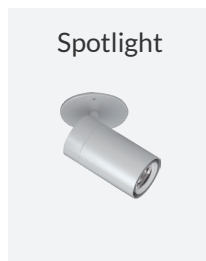
This architectural Magic Cylinder Light is designed for accent lighting and features a state-of-the-art design. Thanks to the detachable tool-less modular design, the luminaire can be used as commercial pendant light, surface mounted light, monopoint spotlight, and track light. The anti-glare design allows for ideal control of visual comfort. It is widely used in shops and other commercial areas.

TECHNICAL DATA

Wattage	10W, 15W, 22W
CRI	90 Ra
CCT	2700K, 3000K, 3500K, 4000K, 5000K
Input Voltage	120V, 50/60Hz
Operating Temp.	-4°F to 104°F(-20°C to 40°C)
Driver	Triac dimming
Certifications	cETLus conforms to UL Std. 1598 Cert. to CSA Std. C22.2 No.250.0 RoHS compliant Suitable for dry locations
Power Factor	>0.9 at full load
Ambient	-4°F to 104°F(-20°C to 40°C)
Harmonic Distortion	<20% at full load
Projected Lifetime	L70 - 100,000 Hours

FEATURES

- **Modular Design & Mounting:** Tool-less modular design with versatile monopoint pendant, surface, and track mounted options.
- **Optical Performance:** Interchangeable 15°/24°/38°/60° beam spreads with anti-glare design to reduce glare light.
- **Dimming & Electrical:** Triac dimmable (compatible with MLV/ELV dimmers) featuring integral driver and isolated circuit.
- **Adjustability:** 350° horizontal rotation and 90° vertical adjustment for precise aiming.



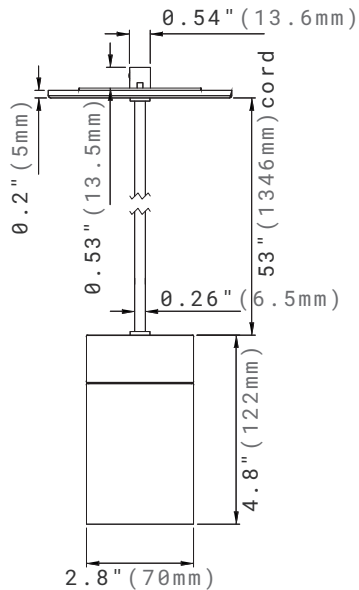
MAGIC CYLINDER LIGHT

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SPECIFICATION

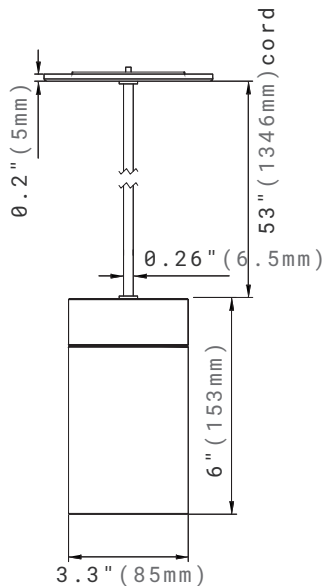
10W/15W Pendant

Net. Weight: 1.5lbs



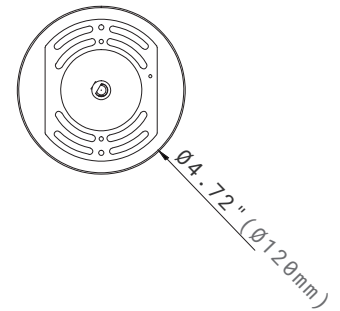
22W Pendant

Net. Weight: 2.1lbs



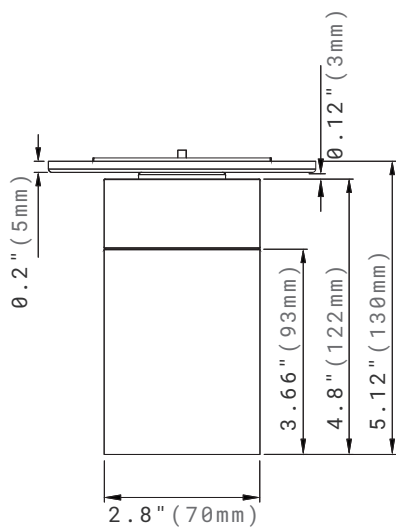
Mount Canopy

for 10W/15W/22W



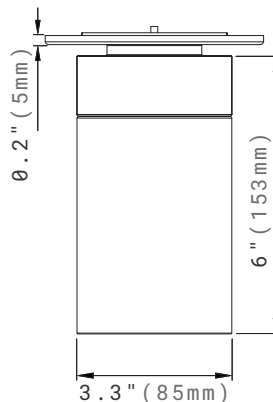
10W/15W Surface

Net. Weight: 1.3lbs



22W Surface

Net. Weight: 1.9lbs



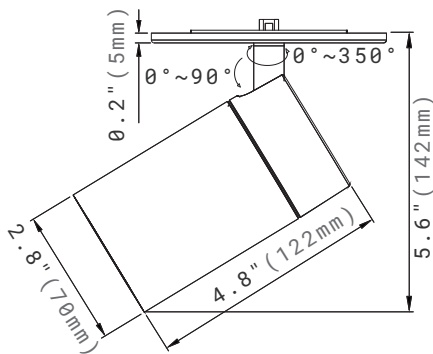
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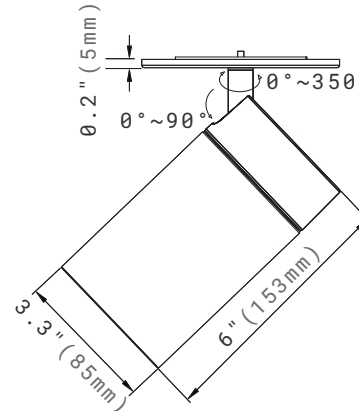
10W/15W Spotlight

Net. Weight: 1.3lbs



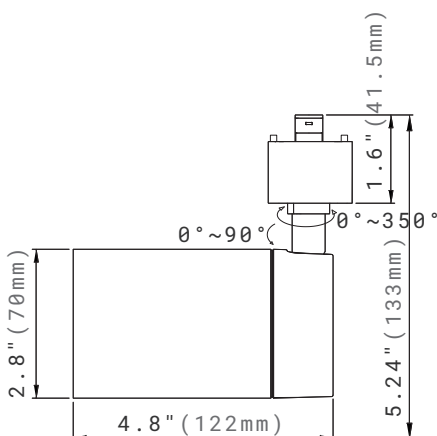
22W Spotlight

Net. Weight: 1.9lbs



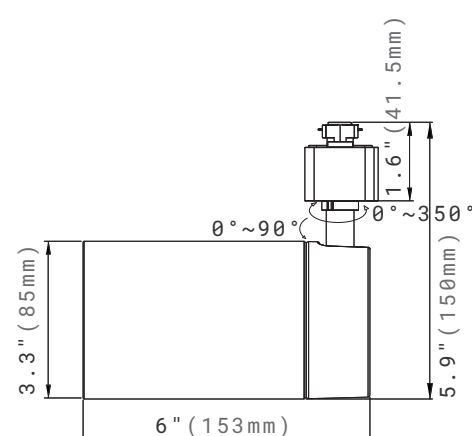
10W/15W Track Light

Net. Weight: 1.1lbs



22W Track Light

Net. Weight: 1.7lbs



ORDERING INFORMATION

EXAMPLE: MCL22-30904-38-MBK

MCL							
Series	Wattage	CCT & CRI	Voltage	Beaming Angle ²	Installation	Controls	Finish ⁷
MCL	10 10W 15 15W 22 22W	2790 2700K 90Ra 3090 3000K ¹ 90Ra 4090 4000K 90Ra 3590 3500K 90Ra 5090 5000K 90Ra	4 120V	15 15 degree 24 24 degree 38 38 degree 60 60 degree	<i>Ordered and shipped separately³</i> MCL-PMK MCL-SMK MCL-STMK MCL-HTMK⁴ MCL-JTMK⁵ MCL-LTMK⁶	BLANK Triac Dimming	MBK Matt Black MWH Matt White

NOTE:

- 3000K is standard. All the other CCT has MOQ requirement. Please contact Customer Service for details.
- 38° and 60° are standard. 15° and 24° has MOQ requirement. Please contact Customer Service for details.
- Mount kits need to be bought and shipped separately. Please check the accessory table for details. If these mount kits need to be installed on fixture before shipping please contact Customer Service in advance.
- H type - operates on Halo Cooper Single Circuit track or Powergear track.
- J type - operates on Juno Single or Dual Circuit Track System but works as single circuit track.
- L type - operates on Lightolier Signify Single Circuit Track.
- White and black finish are standard. Additional charge will apply for other customized finish colors and longer lead time.

ACCESSORIES (ORDERED AND SHIPPED SEPARATELY)



MCL-PMK-10/15-MWH

MCL-PMK-22-MWH

MCL-PMK-10/15-MBK

MCL-PMK-22-MBK

Pendant Mount Kits for
Magic Cylinder Light.



MCL-SMK-10/15-MWH

MCL-SMK-22-MWH

MCL-SMK-10/15-MBK

MCL-SMK-22-MBK

Surface Mount Kits for
Magic Cylinder Light.



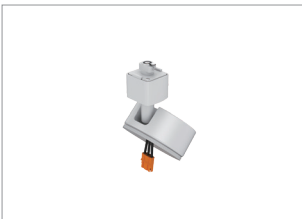
MCL-STMK-10/15-MWH

MCL-STMK-22-MWH

MCL-STMK-10/15-MBK

MCL-STMK-22-MBK

Spotlight Mounted Kits for
Magic Cylinder Light.



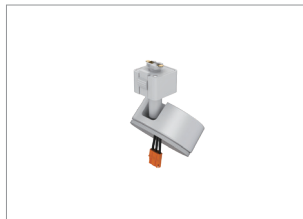
MCL-HTMK-10/15-MWH

MCL-HTMK-22-MWH

MCL-HTMK-10/15-MBK

MCL-HTMK-22-MBK

H-type Single Circuit
Track Mount Kits for
Magic Cylinder Light.



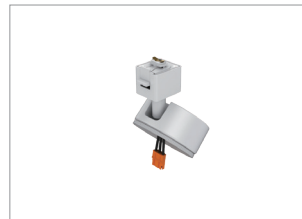
MCL-JTMK-10/15-MWH

MCL-JTMK-22-MWH

MCL-JTMK-10/15-MBK

MCL-JTMK-22-MBK

J-type Single Circuit
Track Mount Kits for
Magic Cylinder Light.



MCL-LTMK-10/15-MWH

MCL-LTMK-22-MWH

MCL-LTMK-10/15-MBK

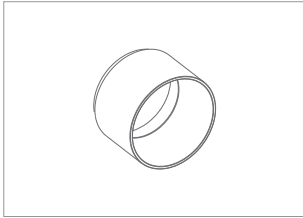
MCL-LTMK-22-MBK

L-type Single Circuit
Track Mount Kits for
Magic Cylinder Light.

ACCESSORIES (ORDERED AND SHIPPED SEPARATELY)

NOTE:

1. All these following accessories have MOQ requirement. Please contact Customer Service for details.



MCL-ST-10/15-MWH

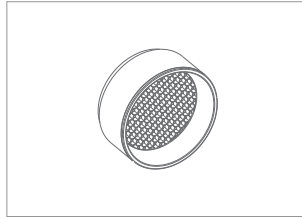
MCL-ST-10/15-MBK

Snoot for 10W/15W
Magic Cylinder Light.

MCL-ST-22-MWH

MCL-ST-22-MBK

Snoot for 22W
Magic Cylinder Light.



MCL-HCL-10/15-MWH

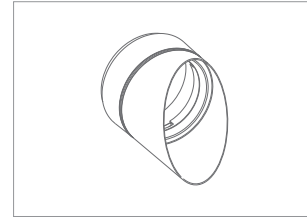
MCL-HCL-10/15-MBK

Honey Comb Louver for
10W/15W Magic Cylinder Light.

MCL-HCL-22-MWH

MCL-HCL-22-MBK

Honey Comb Louver for
22W Magic Cylinder Light.



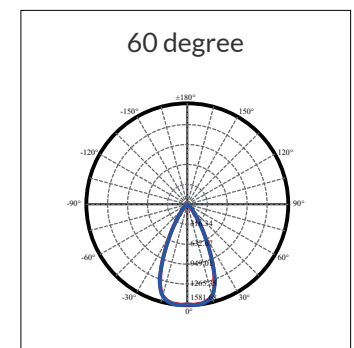
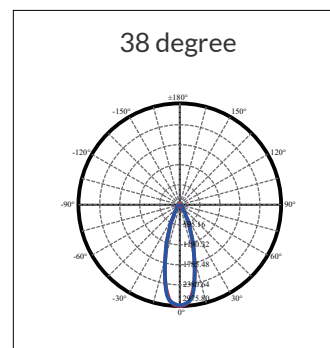
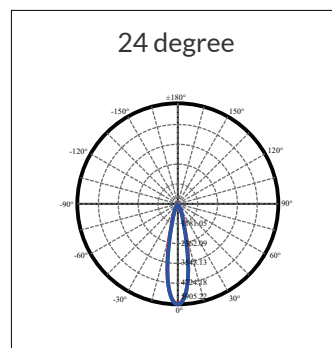
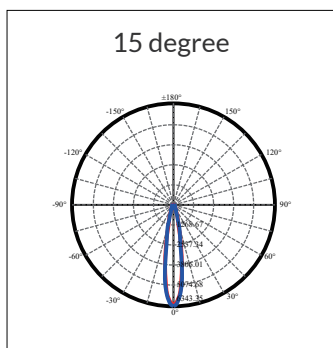
MCL-WW-10/15-MWH

MCL-WW-10/15-MBK

Wall Washer for 10W/15W
Magic Cylinder Light.

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Nominal Wattage	Lumen Output	CRI	AC Input 120V	CCT	LPW
10W	830lm	90	0.08A	3000K	83
15W	1240lm	90	0.13A	3000K	83
22W	2090lm	90	0.18A	3000K	95

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -4°F to 104°F (-20°C to 40°C).

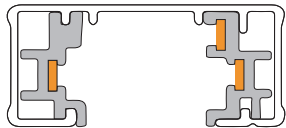
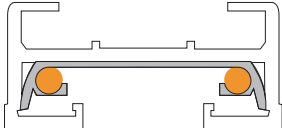
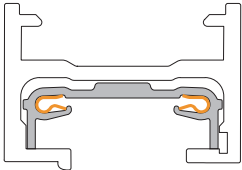
Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.06
10	50	1.03
20	68	1.01
25	77	1.00
30	86	0.99
40	104	0.97

BUG RATING TABLE

Performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory.

Model	BUG Rating	Model	BUG Rating
MCL10-30904-38	B3-U0-G2	MCL22-30904-15	B3-U0-G3
MCL15-30904-15	B3-U0-G2	MCL22-30904-24	B4-U0-G3
MCL15-30904-24	B3-U0-G2	MCL22-30904-38	B4-U0-G3
MCL15-30904-38	B3-U0-G1	MCL22-30904-60	B5-U0-G1

TRACK SYSTEM COMPATIBILITY

Track Style	H-Style	J-Style	L-Style
Track Rail			
Wire/Buss Bars	3 wires	2 wires	2 wires
Circuit	Single	Single	Single
Remark	H type - operates on Halo Cooper Single Circuit track or Powergear track. J type - operates on Juno Single or Dual Circuit Track System but works as single circuit track. L type - operates on Lightolier Signify Single Circuit Track. Note: 1. Dural Circuit and 2C2N (Two-Circuit Two-Neutral) System is available as special requirement. Please contact Customer Service in advance.		

WARRANTY

5 years limited warranty.
Specifications subject to change without notice.

Ref#: 20250928