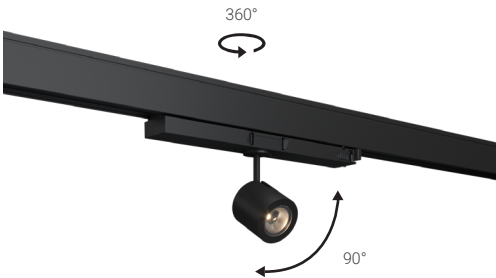


L224-2CT

INTERIOR
Track Mounted Spotlight | For Two Circuit Track

● Dry location



Ordering Information

Clear Form

Date :

Quantity :

Project :

Note :

Type :

Specifications

Luminaire | Example Code: L224-2CT-M-8-W30H-W-2-MA

Product	Canopy ¹	Size	Wattage	CCT & CRI	Beam Angle	Stem Length ³	Input Voltage ⁴	Finish ⁵
L224	2CT	M						
	2CT two circuit track	M medium	4 4W 8 8W For WD only: 6 6W ²	W27H 2700K 90+ W30H 3000K 90+ WD warm dimming ²	S spot 20° N narrow flood 30° F flood 60° W wide flood 100°	2 2" (51mm) X custom length	1 phase dimming (120V) 2 0-10V dimming (120V)	Aluminum Finishes: BA black anodized WH white powder coated

System Components (Ordered Separately)

Remote Driver :

* Consult MP Lighting Website or Factory.

Important Notes

Specification

1. See page 3 - for track dimensions.
2. Warm Dimming only available with 6W and Narrow Flood (30°) beam angle. Cannot be used with HLD accessory or louvers.
3. 1" (25mm) increments to maximum of 3' (914mm). Minimum 4" (102mm) stem for C23 canopy.
4. 1: Integral 120V input with phase dimming. 2: Integral 120V input with 0-10V dimming.
5. Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options. Please consult factory for custom finish for shrouds. WH not available with Super Spot beam angle.

Warranty Notes & Disclaimer

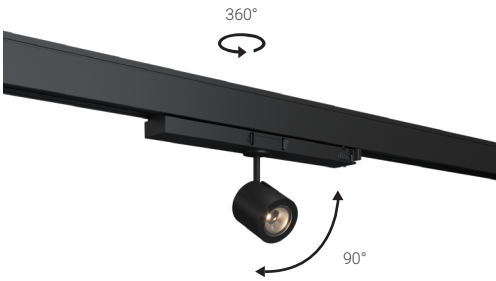
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. MP Lighting reserves the right, at its sole discretion, at any time and without notice, to make design changes to any of our products. Consult MP Lighting website for most updated documentation.

L224-2CT

INTERIOR

Track Mounted Spotlight | For Two Circuit Track

● Dry location



Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
4W	350mA	4W	440 lm	185.5-377 lm
8W	700mA	8W	880 lm	319.5-655 lm
6W (WD)	350mA	6W	660 lm	293.7 lm

Application

Environment	Dry Location approved. IP 20.
Mounting	Mounts to Two Circuit Track with Adapter (included with luminaire).

Electrical

Power Supplies	Integral LED drivers (120V AC input).
Control	On/off control Dimming: ELV, TRIAC or 0-10V dimming with appropriate dimmers.

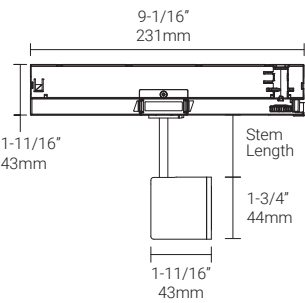
Luminaire Construction

LED Light Source	Colour Consistency: 2-step MacAdam: 2700K, 3000K, 90+ CRI WD = CCT: 1800K~3000K, CRI (Ra): 95+
Weight	N/A
Material	Machined marine-grade aluminum
Supplied with	Standard installation housing
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

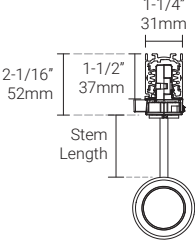
Mounting Options & Dimensions

Luminaire Dimensions

Luminaire



Front View



3D View



Appendix

Aluminum Finishes



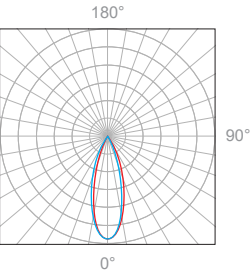
BA black anodized



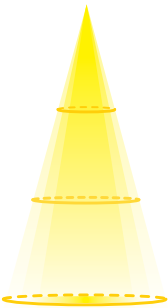
WH white powder coated

WD, 1800K~3000K, CRI (Ra): 95+

Polar Candela Distribution



Beam Width: 30°



Illuminance at a Distance

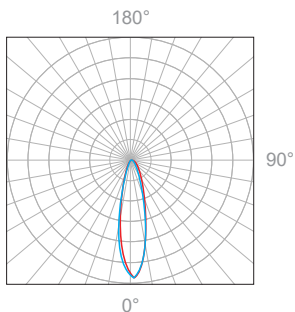
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	73.1fc	1.8ft	0.54m	1.7ft	0.51m
6.0ft	1.83m	18.3fc	3.5ft	1.06m	3.5ft	1.06m
9.0ft	2.74m	8.12fc	5.3ft	1.61m	5.2ft	1.58m
12.0ft	3.66m	4.57fc	7.0ft	2.13m	7.0ft	2.13m
15.0ft	4.57m	2.92fc	8.8ft	2.68m	8.8ft	2.65m
18.0ft	5.49m	2.03fc	10.5ft	3.20m	10.4ft	3.17m

Delivered Lumen: 293.7 lm
■ Vertical Beam Spread: 32.6°
■ Horizontal Beam Spread: 32.3°

Tested on 27/12/2024

4W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 20°



Illuminance at a Distance

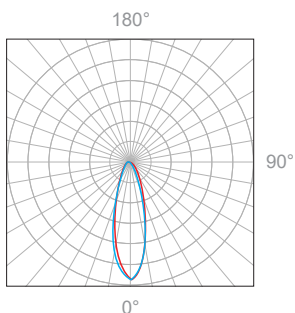
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	1447fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	362fc	0.8ft	0.24m	0.8ft	0.24m
3.0ft	0.91m	161fc	1.2ft	0.36m	1.2ft	0.36m
4.0ft	1.22m	90.4fc	1.6ft	0.48m	1.6ft	0.48m
5.0ft	1.52m	57.9fc	2.0ft	0.61m	2.0ft	0.61m
6.0ft	1.83m	40.2fc	2.4ft	0.73m	2.4ft	0.73m

Delivered Lumen: 377.2 lm

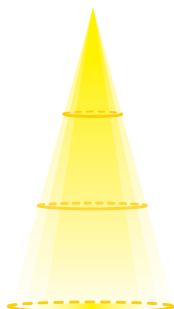
Vertical Beam Spread: 22.6°

Horizontal Beam Spread: 22.6°

Polar Candela Distribution



Beam Width: 30°



Illuminance at a Distance

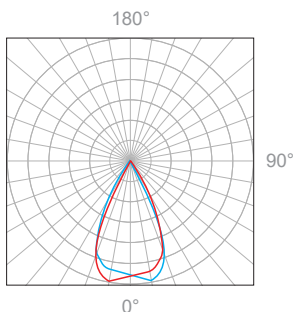
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	875fc	0.6ft	0.18m	0.6ft	0.18m
2.0ft	0.61m	219fc	1.1ft	0.32m	1.1ft	0.32m
3.0ft	0.91m	97.2fc	1.7ft	0.51m	1.7ft	0.51m
4.0ft	1.22m	54.7fc	2.2ft	0.67m	2.2ft	0.67m
5.0ft	1.52m	35.0fc	2.8ft	0.73m	2.8ft	0.73m
6.0ft	1.83m	24.3fc	3.3ft	1.00m	3.4ft	1.03m

Delivered Lumen: 351.4 lm

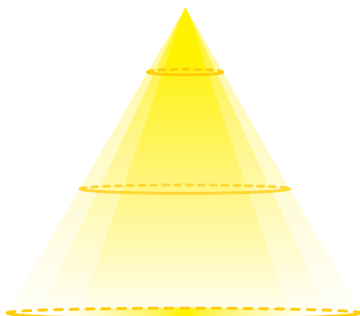
Vertical Beam Spread: 30.9°

Horizontal Beam Spread: 31.2°

Polar Candela Distribution



Beam Width: 60°



Illuminance at a Distance

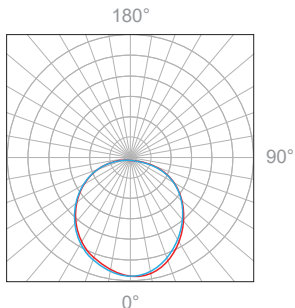
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	368fc	0.9ft	0.27m	1.0ft	0.30m
2.0ft	0.61m	92.0fc	1.8ft	0.54m	2.0ft	0.61m
3.0ft	0.91m	40.9fc	2.7ft	0.82m	3.0ft	0.91m
4.0ft	1.22m	23.0fc	3.7ft	1.12m	4.0ft	1.22m
5.0ft	1.52m	14.7fc	4.6ft	1.40m	5.0ft	1.52m
6.0ft	1.83m	10.2fc	5.5ft	1.67m	6.0ft	1.83m

Delivered Lumen: 318.9 lm

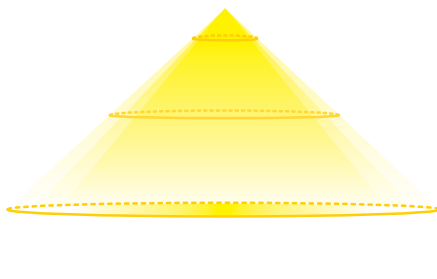
Vertical Beam Spread: 49.1°

Horizontal Beam Spread: 52.9°

Polar Candela Distribution



Beam Width: 100°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	67.5fc	2.6ft	0.79m	2.6ft	0.79m
2.0ft	0.61m	16.9fc	5.3ft	1.61m	5.1ft	1.55m
3.0ft	0.91m	7.50fc	7.9ft	2.40m	7.7ft	1.34m
4.0ft	1.22m	4.22fc	10.6ft	3.23m	10.3ft	3.14m
5.0ft	1.52m	2.70fc	13.2ft	4.02m	12.8ft	3.90m
6.0ft	1.83m	1.88fc	15.8ft	4.81m	15.4ft	4.69m

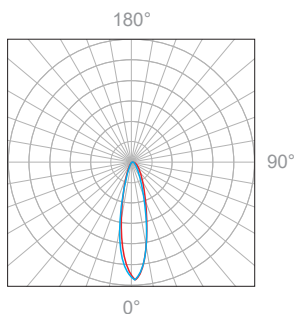
Delivered Lumen: 185.5 lm

Vertical Beam Spread: 105.7°

Horizontal Beam Spread: 104.2°

8W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 20°



Illuminance at a Distance

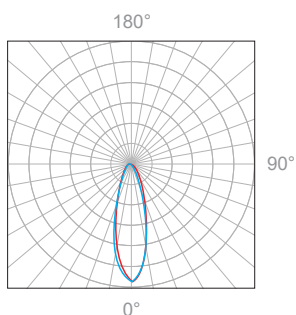
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	2526fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	631fc	0.8ft	0.24m	0.8ft	0.24m
3.0ft	0.91m	281fc	1.2ft	0.36m	1.2ft	0.36m
4.0ft	1.22m	158fc	1.6ft	0.48m	1.6ft	0.48m
5.0ft	1.52m	101fc	2.0ft	0.61m	1.9ft	0.58m
6.0ft	1.83m	70.2fc	2.4ft	0.73m	2.3ft	0.70m

Delivered Lumen: 655.8 lm

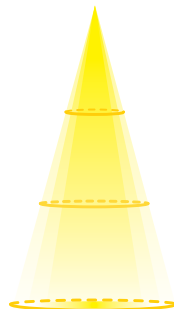
Vertical Beam Spread: 22.5°

Horizontal Beam Spread: 21.9°

Polar Candela Distribution



Beam Width: 30°



Illuminance at a Distance

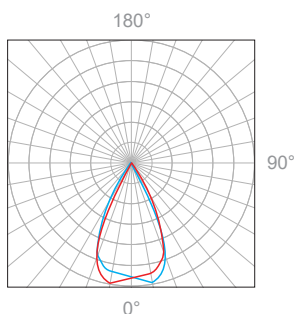
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	1521fc	0.6ft	0.18m	0.5ft	0.15m
2.0ft	0.61m	380fc	1.1ft	0.32m	1.1ft	0.32m
3.0ft	0.91m	169fc	1.7ft	0.51m	1.6ft	0.48m
4.0ft	1.22m	95.1fc	2.2ft	0.67m	2.2ft	0.67m
5.0ft	1.52m	60.8fc	2.8ft	0.73m	2.7ft	0.70m
6.0ft	1.83m	42.3fc	3.3ft	1.00m	3.3ft	1.00m

Delivered Lumen: 602.3 lm

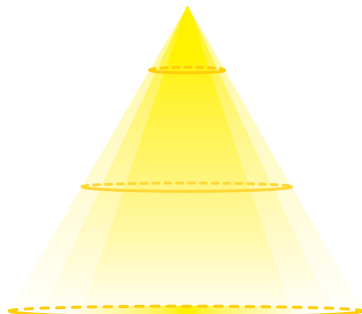
Vertical Beam Spread: 30.9°

Horizontal Beam Spread: 30.3°

Polar Candela Distribution



Beam Width: 60°



Illuminance at a Distance

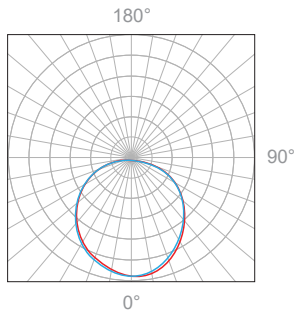
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	611fc	0.9ft	0.27m	1.0ft	0.30m
2.0ft	0.61m	153fc	1.8ft	0.54m	2.0ft	0.61m
3.0ft	0.91m	67.9fc	2.7ft	0.82m	3.0ft	0.91m
4.0ft	1.22m	38.2fc	3.6ft	1.09m	4.0ft	1.22m
5.0ft	1.52m	24.4fc	4.5ft	1.37m	5.0ft	1.52m
6.0ft	1.83m	17.0fc	5.4ft	1.67m	6.0ft	1.83m

Delivered Lumen: 544.5 lm

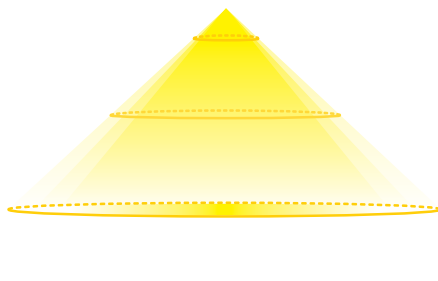
Vertical Beam Spread: 48.4°

Horizontal Beam Spread: 52.9°

Polar Candela Distribution



Beam Width: 100°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	117fc	2.6ft	0.79m	2.5ft	0.76m
2.0ft	0.61m	29.3fc	5.2ft	1.58m	5.1ft	1.55m
3.0ft	0.91m	13.0fc	7.8ft	2.37m	7.6ft	1.31m
4.0ft	1.22m	7.34fc	10.4ft	3.17m	10.2ft	3.11m
5.0ft	1.52m	4.69fc	13.0ft	3.96m	12.7ft	3.87m
6.0ft	1.83m	3.26fc	15.7ft	4.78m	15.3ft	4.66m

Delivered Lumen: 319.5 lm

Vertical Beam Spread: 105.1°

Horizontal Beam Spread: 103.6°