

L234-2CT

INTERIOR

Track Mounted Spotlight | For Two Circuit Track

● Dry location



Ordering Information

Clear Form

Date :

Quantity :

Project :

Note :

Type :

Specifications

Luminaire | Example Code: L234-2CT-8-W30H-N-S-2-1-BA

Product	Canopy ¹	Wattage	CCT & CRI	Beam Angle	Accessories (optional)	Stem Length ²	Input Voltage ³	Finish ⁴
L234	2CT							
	2CT two circuit track	4 4W 8 8W	W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+	S spot 15° N narrow flood 20° F flood 30° W wide flood 45°	S shroud	2 2" (51mm) X custom length	1 phase dimming (120V) 2 0-10V dimming (120V)	Aluminum Finishes: BA black anodized

System Components (Ordered Separately)

Remote Driver :

* Consult MP Lighting Website or Factory.

Important Notes

Specification

1. See pg.3 - for dimensions.
2. 1" (25mm) increments to maximum of 3' (914mm).
3. 1: Integral 120V input with phase dimming. 2: Integral 120V input with 0-10V dimming.
4. Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options.
Please consult factory for custom finish for shrouds.

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.

L234-2CT

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	319-345.7 lm
8W	700mA	8W	880 lm	554.2-600.6 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.

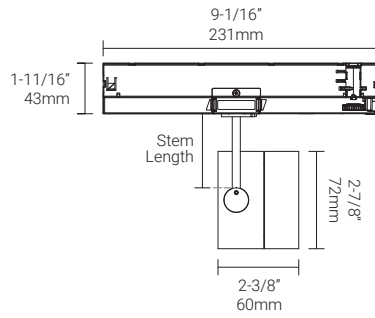
Luminaire Construction

LED Light Source	Colour Consistency: 2-step MacAdam: 2700K, 3000K, 3500K 90+ CRI
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.

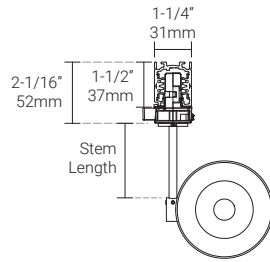
Mounting Options & Dimensions

Luminaire Dimensions

Luminaire



Front View



3D View



Appendix

Aluminum Finishes



BA black anodized

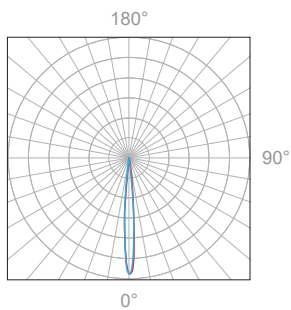
Aluminum Finishes with S (shroud)



BA black anodized

4W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 15°

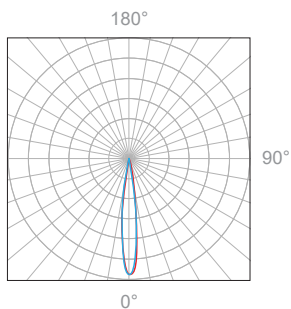


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	627fc	0.5ft	0.15m	0.5ft	0.15m
6.0ft	1.83m	157fc	1.1ft	0.33m	1.0ft	0.30m
9.0ft	2.74m	69.7fc	1.6ft	0.48m	1.6ft	0.48m
12.0ft	3.66m	39.2fc	2.2ft	0.68m	2.1ft	0.64m
15.0ft	4.57m	25.1fc	2.7ft	0.82m	2.6ft	0.79m
18.0ft	5.49m	17.4fc	3.3ft	1.00m	3.1ft	0.94m

Delivered Lumen: 345.7 lm
 ■ Vertical Beam Spread: 10.4°
 ■ Horizontal Beam Spread: 9.9°

Polar Candela Distribution



Beam Width: 20°

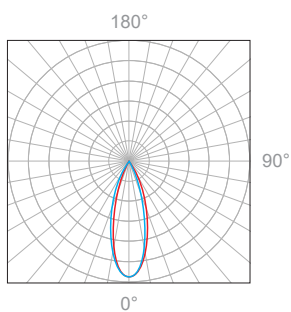


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	432fc	0.7ft	0.21m	0.7ft	0.21m
6.0ft	1.83m	108fc	1.5ft	0.45m	1.5ft	0.45m
9.0ft	2.74m	48.0fc	2.2ft	0.67m	2.2ft	0.67m
12.0ft	3.66m	27.0fc	2.9ft	0.88m	2.9ft	0.88m
15.0ft	4.57m	17.3fc	3.7ft	1.12m	3.6ft	1.09m
18.0ft	5.49m	12.0fc	4.4ft	1.34m	4.4ft	1.34m

Delivered Lumen: 342.4 lm
 ■ Vertical Beam Spread: 14°
 ■ Horizontal Beam Spread: 13.8°

Polar Candela Distribution



Beam Width: 30°

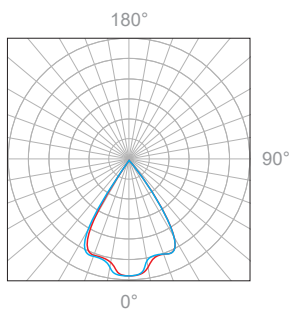


Illuminance at a Distance

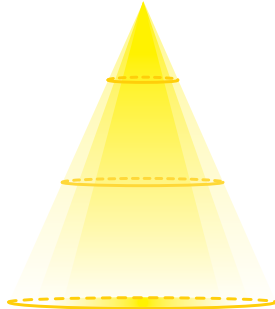
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	166fc	1.4ft	0.42m	1.4ft	0.42m
6.0ft	1.83m	41.5fc	2.7ft	0.82m	2.7ft	0.82m
9.0ft	2.74m	18.4fc	4.1ft	1.25m	4.1ft	1.25m
12.0ft	3.66m	10.4fc	5.4ft	1.64m	5.4ft	1.64m
15.0ft	4.57m	6.64fc	6.8ft	2.07m	6.8ft	2.07m
18.0ft	5.49m	4.61fc	8.2ft	2.50m	8.1ft	2.46m

Delivered Lumen: 336.3 lm
 ■ Vertical Beam Spread: 25.6°
 ■ Horizontal Beam Spread: 25.4°

Polar Candela Distribution



Beam Width: 40°



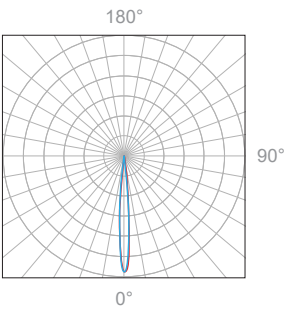
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	38.9fc	3.6ft	1.09m	3.5ft	1.06m
6.0ft	1.83m	9.74fc	7.2ft	2.19m	7.0ft	2.13m
9.0ft	2.74m	4.33fc	10.8ft	3.29m	10.5ft	3.20m
12.0ft	3.66m	2.43fc	14.4ft	3.39m	14.0ft	4.26m
15.0ft	4.57m	1.56fc	18.0ft	5.48m	17.5ft	5.33m
18.0ft	5.49m	1.08fc	21.6ft	6.58m	21.0ft	6.40m

Delivered Lumen: 319 lm
 ■ Vertical Beam Spread: 62°
 ■ Horizontal Beam Spread: 60.4°

8W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 15°

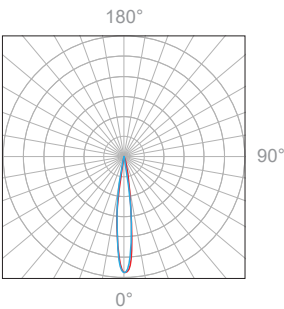


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	1064fc	0.6ft	0.18m	0.5ft	0.15m
6.0ft	1.83m	266fc	1.1ft	0.33m	1.1ft	0.33m
9.0ft	2.74m	118fc	1.7ft	0.51m	1.6ft	0.48m
12.0ft	3.66m	66.5fc	2.3ft	0.70m	2.1ft	0.64m
15.0ft	4.57m	42.6fc	2.8ft	0.85m	2.6ft	0.79m
18.0ft	5.49m	29.6fc	3.4ft	1.03m	3.2ft	0.97m

Delivered Lumen: 600.6 lm
■ Vertical Beam Spread: 10.8°
■ Horizontal Beam Spread: 10°

Polar Candela Distribution



Beam Width: 20°

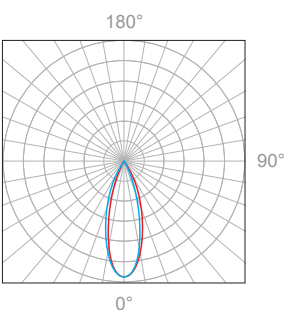


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	750fc	0.8ft	0.24m	0.7ft	0.21m
6.0ft	1.83m	187fc	1.5ft	0.45m	1.4ft	0.42m
9.0ft	2.74m	83.3fc	2.3ft	0.70m	2.1ft	0.64m
12.0ft	3.66m	46.9fc	3.0ft	0.88m	2.8ft	0.85m
15.0ft	4.57m	30.0fc	3.8ft	1.15m	3.6ft	1.09m
18.0ft	5.49m	20.8fc	4.5ft	1.37m	4.3ft	1.31m

Delivered Lumen: 596.6 lm
■ Vertical Beam Spread: 14°
■ Horizontal Beam Spread: 13.8°

Polar Candela Distribution



Beam Width: 30°

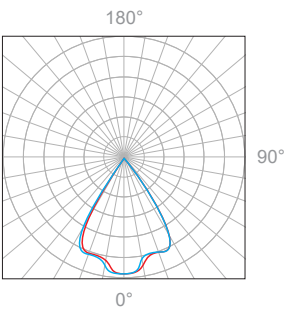


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	166fc	1.4ft	0.42m	1.4ft	0.42m
6.0ft	1.83m	41.5fc	2.7ft	0.82m	2.7ft	0.82m
9.0ft	2.74m	18.4fc	4.1ft	1.25m	4.1ft	1.25m
12.0ft	3.66m	10.4fc	5.4ft	1.64m	5.4ft	1.64m
15.0ft	4.57m	6.64fc	6.8ft	2.07m	6.8ft	2.07m
18.0ft	5.49m	4.61fc	8.1ft	2.46m	8.1ft	2.46m

Delivered Lumen: 579 lm
■ Vertical Beam Spread: 25.4°
■ Horizontal Beam Spread: 25.4°

Polar Candela Distribution



Beam Width: 40°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	67.7fc	3.6ft	1.09m	3.5ft	1.06m
6.0ft	1.83m	16.9fc	7.2ft	2.19m	7.0ft	2.13m
9.0ft	2.74m	7.52fc	10.9ft	3.32m	10.5ft	3.20m
12.0ft	3.66m	4.23fc	14.5ft	4.42m	13.9ft	4.23m
15.0ft	4.57m	2.71fc	18.1ft	5.51m	17.4ft	5.30m
18.0ft	5.49m	1.88fc	21.7ft	6.61m	20.9ft	6.37m

Delivered Lumen: 554.2 lm
■ Vertical Beam Spread: 62.2°
■ Horizontal Beam Spread: 60.3°