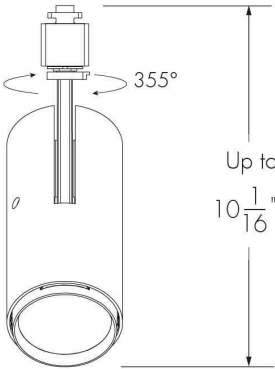


Project Name

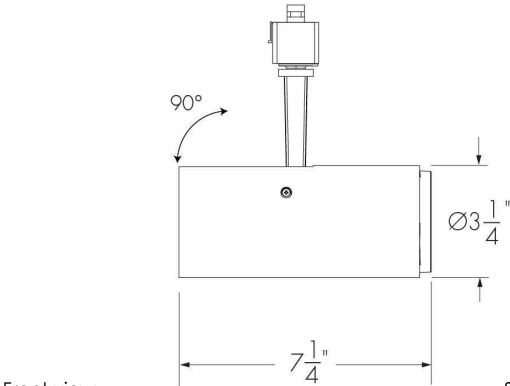
Qty

Type

Catalog / Part Number



One circuit model shown



Front view

Side view

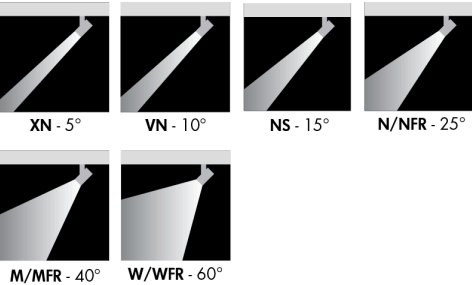
Photometric Summary

Based on Narrow Optic (nominal 25°), 4000K, CRI 90+

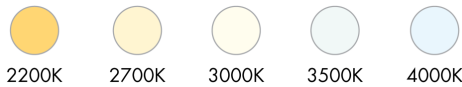
Nominal output [lm]	Delivered output [lm] [1]	Power (120V) [W]	Efficacy [lm/W]
700	617	6.5	95
1000	814	8	102
1300	1,110	11	101
2000	1,727	18	96

[1] Consult website for latest IES files.
Photometric performance is measured in compliance with IESNA LM-79-08.

Optics



Color and color temperature



Control



Description

The Lumencore Track M3 Spot is a LED spotlight available in both 1-circuit and 2-circuit configurations. The Lumencore Track M3 Spot offers a wide range of outputs, field-changeable accessories, multiple finishes, and optics, including Extra Narrow Spot (XN 5°) and Very Narrow Spot (VN 10°).

Features

Output (Nominal Lumens)	700 lm, 1000 lm, 1300 lm, 2000 lm, 3000 lm
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K
Optics (Nominal Distribution)	Extra Narrow Spot 5°, Very Narrow Spot 10°, Narrow Spot 15°, Narrow/Narrow Faceted Reflector 25°, Medium/Medium Faceted Reflector 40°, Wide/Wide Faceted Reflector 60°
On/off switch	Integral on/off switch to simplify maintenance (two circuit track only)
Warranty	5-year limited warranty

Performance

Maximum Delivered Output	Up to 2,850 lm (wide faceted reflector optic 60°, 4000K, CRI 80)
Maximum Delivered Intensity	Up to 63,952 cd (extra narrow spot optic 5°, 4000K, CRI 80)
Efficacy	Up to 115 lm/W (narrow spot optic 15°, 4000K, CRI 80)
Color Consistency	2 SDCM, 3 SDCM (XN optic only)
Color Rendering	CRI 80+ CRI 90+ CRI 95+
Lumen Maintenance	L95 55,000 hrs L70 225,000 hrs

Finishes



MWH-Matte white



MBK-Matte black



MBR-Matte brown



MOR-Matte orange



MGR-Matte green



MBL-Matte blue



MSI-Matte silver



GWH-Glossy white



GBK-Glossy black



GYL-Glossy yellow



GLR-Glossy red



GVI-Glossy violet



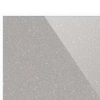
GGR-Glossy green



GII-Glossy ivory



CGY-Concrete grey



MLG-Metalized grey



IBR-Italian brick red



PWH-Parget white

Physical

Housing Material	Aluminum
Weight	1.9 lbs
TIR Optics Material	Clear polycarbonate
Track Adapter Type	One circuit track adapter standard, Two circuit track adapter standard
Track Adapter Color	White Adapter, Black Adapter
Adjustability	+/- 90° Tilt — 355° Rotation, Lockable tilt and rotation

Electrical and Control

Voltage	120 Volts
Control	On/Off Control, Phase Dimming

Environmental

Environment	Dry location (indoor applications only)
Operating Temperature	-4 °F to 104 °F
Ingress Protection Rating	IP20

Important

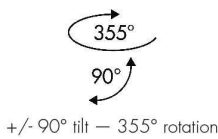
Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.



CC-Custom color and finish
(Please specify RAL color)

Ajustability



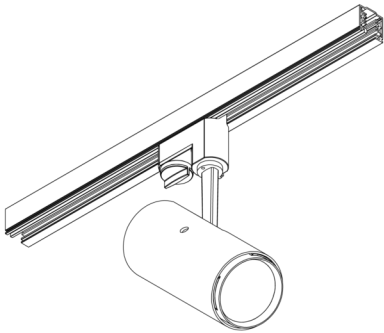
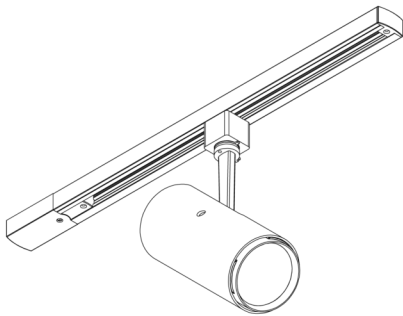
Certifications



Mounting Options

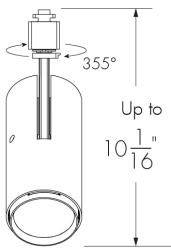
One Circuit Track Adapter

Two Circuit Track Adapter Standard

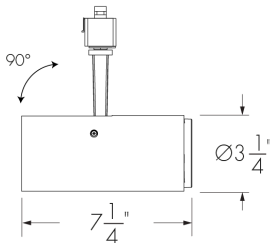


Fixture Dimensions

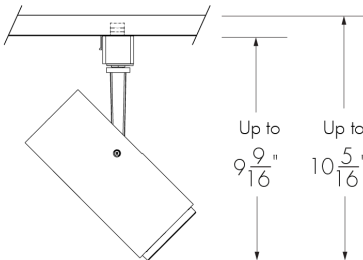
One Circuit Track



Front view

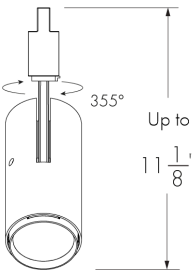


Side view

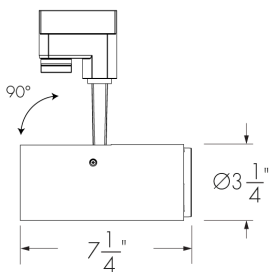


Side view with track

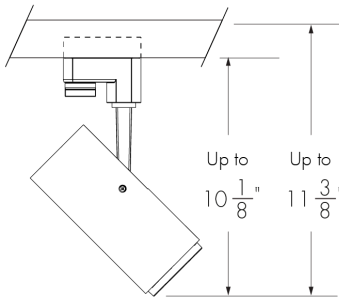
Two Circuit Track



Front view



Side view



Side view with track

Photometric Information - Color Rendering Options Comparison, 3000K

Color sample	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
CRI 80+	84	82	90	97	83	82	88	86	63	15	77	83	68	84	98	75
CRI 90+	94	95	98	99	95	94	97	91	80	55	93	97	83	96	99	89
CRI 95+	97	96	97	99	96	96	95	96	97	97	96	95	86	96	98	97
Radiant CRI 80+	84	83	91	96	81	82	89	83	62	15	79	80	69	85	98	76
Radiant CRI 95+	95	95	94	95	98	94	90	94	96	96	89	95	80	94	98	96

Optics

TIR Optic
XN/VN/NS/N



Semi-Specular reflector
M/W



Faceted reflector
NFR/MFR/WFR



Control

Refer to website product configurator for exceptions

On/off control

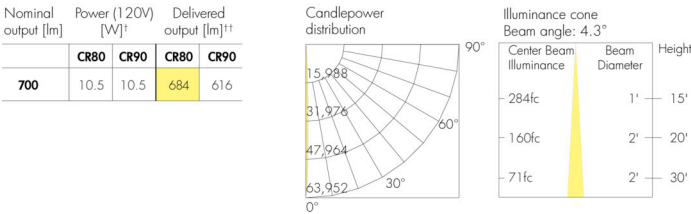
NO - On/off control

Phase dimming

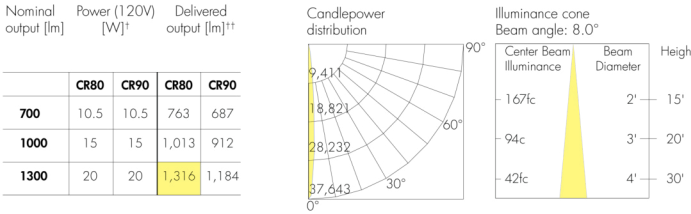
PH - Phase dimming

Photometric Information

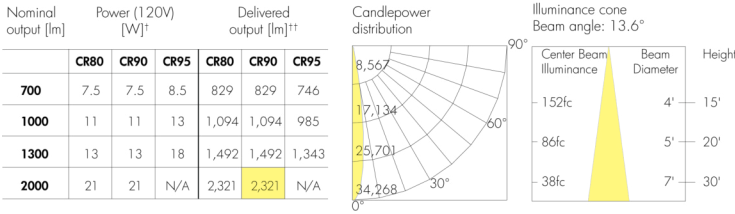
XN - Extra Narrow Spot (Nominal 5°), 4000K



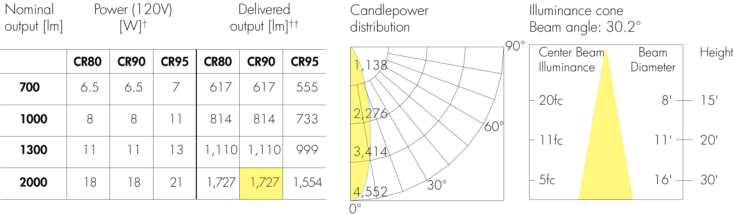
VN - Very Narrow Spot (Nominal 10°), 4000K



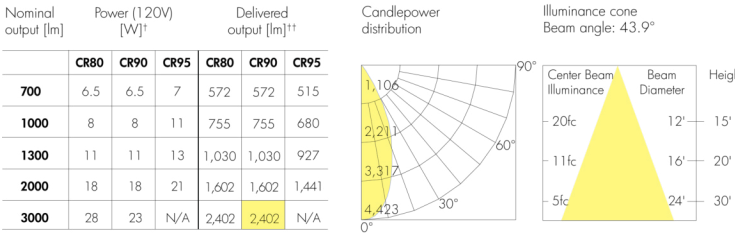
NS - Narrow Spot (Nominal 15°), 4000K



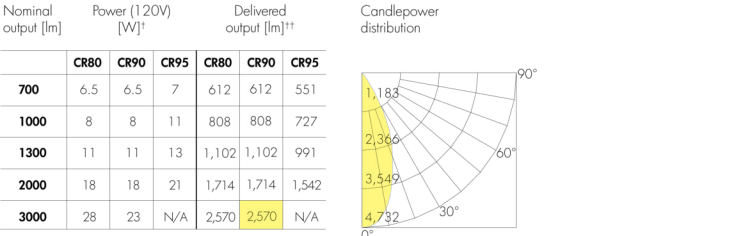
N - Narrow (Nominal 25°), 4000K



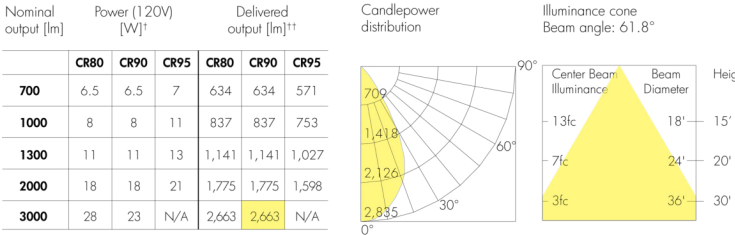
M - Medium (Nominal 40°), 4000K



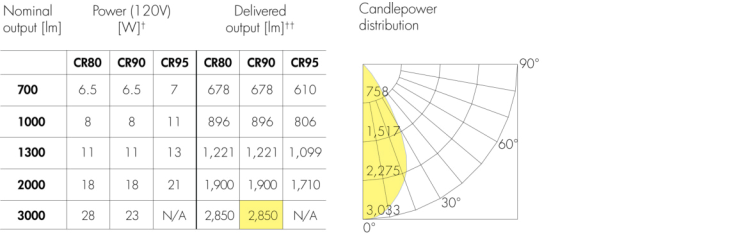
MFR - Medium Faceted Reflector (Nominal 40°), 4000K



W - Wide (Nominal 60°), 4000K



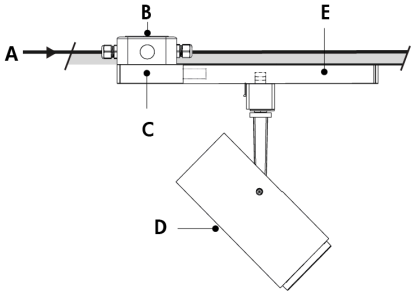
WFR - Wide Faceted Reflector (Nominal 60°), 4000K



†Delivered wattage: +/- 10% tolerance.
††Consult website for latest IES files. Delivered output: +/- 10% tolerance.
Photometric performance is measured in compliance with IESNA LM-79-24.

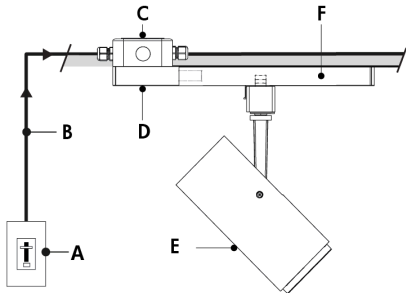
Typical Wiring Diagrams

On/Off Control (NO)



- A - Power input to track (120V)
- B - Junction box (by others)
- C - Live End Feed Track accessory (left)
- D - Lumencore Track M3 Spot
- E - Lumencore Track Single Circuit System

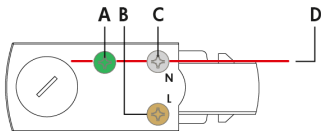
Phase Dimming (PH)



- A - Third party Phase dimmer
- B - Phase dimmed power circuit (120V)
- C - Junction box (by others)
- D - Live End Feed Track accessory (left)
- E - Lumencore Track M3 Spot
- F - Lumencore Track Single Circuit System

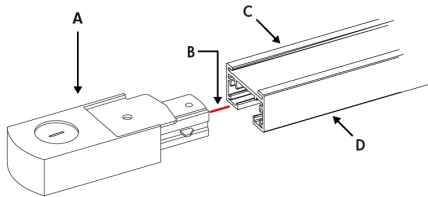
Typical Wiring Details

One Circuit Wiring Detail - Live End Feed (Left)



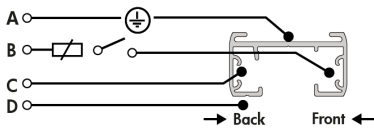
- A - Ground
- B - Line 1
- C - Neutral 1
- D - Polarity line

Lumencore Track Single Circuit System and Live End Feed (Left)



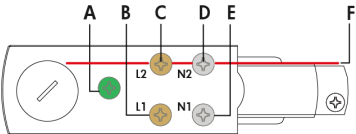
- A - Top view live feed (Reflected ceiling plan view)
- B - Polarity line
- C - Back view
- D - Front view

One Circuit Wiring Detail - Track



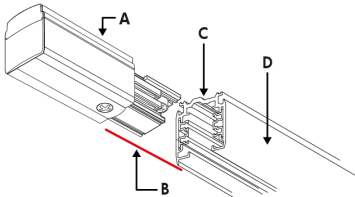
- A - Ground
- B - Line 1
- C - Neutral 1
- D - Polarity line

Double Circuit Wiring Detail - Live End Feed (Left)



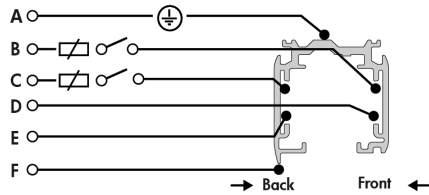
- A - Ground
- B - Line 1
- C - Line 2
- D - Neutral 2
- E - Neutral 1
- F - Polarity line

Lumencore Track Double Circuit System and Live End Feed (Left)



- A - Top view live feed (Reflected ceiling plan view)
- B - Polarity line
- C - Back view
- D - Front view

Double Circuit Wiring Detail - Track



- A - Ground
- B - Line 2
- C - Line 1
- D - Neutral 2
- E - Neutral 1
- F - Polarity line

* Line 1 and 2 are reversed for a live end right polarity. Max 2400W per circuit , 4800W total , Max 120V - 60HZ per circuit Max 20AMP per circuit.

Optical Accessories

SL - Softening Glass Lens



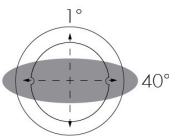
LATSM3-SL

CL - Clear Glass Lens

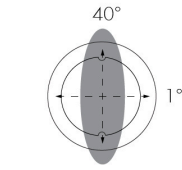


LATSM3-CL

LSN - Linear Spread Lens Narrow (1° x 40°)



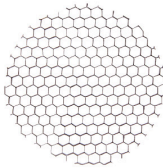
Horizontal Beam Distribution



Vertical Beam Distribution

LATSM3-LSN

HL - Honeycomb Louver



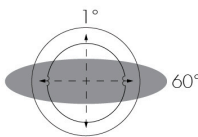
LATSM3-HL

PD - Prismatic Diffuser

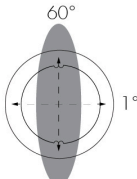


LATSM3-PD

LSW - Linear Spread Lens Wide (1° x 60°)



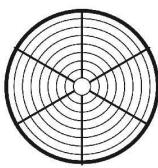
Horizontal Beam Distribution



Vertical Beam Distribution

LATSM3-LSW

XLVR - Concentric Ring Louver



LATSM3-XLVR

Maximum one accessory installed at a time.

How to Order

Housing ⁽¹⁾	Certification	Voltage	Output (Nominal Lumens)	Color and Color Temperature	Color Rendering	Optics (Nominal Distribution)	Finish	Bezel	Interior Bezel Finish
LATSM3 Lumencore Track M3 Spot	A UL/cUL	120 120 Volts	L07 700 lm	22K 2200K ⁽³⁾ ⁽⁴⁾	CR80 CRI 80+	XN Extra Narrow Spot 5° ⁽⁷⁾	MWH Matte White	b Bezel	MWH Matte White
			L10 1000 lm	27K 2700K	CR90 CRI 90+	VN Very Narrow Spot 10° ⁽⁸⁾	MBK Matte Black		MBK Matte Black
			L13 1300 lm	30K 3000K	CR95 CRI 95+ ⁽⁵⁾	NS Narrow Spot 15° ⁽⁹⁾	MBR Matte Brown		MBR Matte Brown
			L20 2000 lm	35K 3500K	RCR80 Radiant CRI 80+ ⁽⁴⁾ ⁽⁶⁾	N Narrow 25° ⁽⁹⁾	MOR Matte Orange		MOR Matte Orange
			L30 3000 lm ⁽²⁾	40K 4000K	RCR95 Radiant CRI 95+ ⁽⁴⁾ ⁽⁵⁾ ⁽⁶⁾	NFR Narrow Faceted Reflector 25°	MGR Matte Green		MGR Matte Green
						M Medium 40°	MBL Matte Blue		MBL Matte Blue
						MFR Medium Faceted Reflector 40°	MSI Matte Silver		MSI Matte Silver
						GWH Glossy White	GBK Glossy Black		GWH Glossy White
						GBK Glossy Black	GYL Glossy Yellow		GBK Glossy Black
						GYL Glossy Yellow	GLR Glossy Red		GYL Glossy Yellow
						GLR Glossy Red	GVI Glossy Violet		GLR Glossy Red
						GVI Glossy Violet	GGR Glossy Green		GVI Glossy Violet
						GGR Glossy Green	GIY Glossy Ivory		GGR Glossy Green
						GIY Glossy Ivory	CGY Concrete Grey		GIY Glossy Ivory
						CGY Concrete Grey	MLG Metalized Grey		CGY Concrete Grey
						MLG Metalized Grey	IBR Italian Brick Red		MLG Metalized Grey
						IBR Italian Brick Red	PWH Parget White		IBR Italian Brick Red
						PWH Parget White	CC Custom Color & Finish ⁽¹⁰⁾		PWH Parget White
						CC Custom Color & Finish ⁽¹⁰⁾			CC Custom Color & Finish ⁽¹⁰⁾

How to Order

Track Adapter Type	Track Adapter Color	Control	Accessories ⁽¹³⁾ ⁽¹⁴⁾
1C One circuit track adapter standard ⁽¹¹⁾ 2C Two circuit track adapter standard	AWH White Adapter ABK Black Adapter	NO On/Off Control PH Phase Dimming ⁽¹²⁾	NA No Accessory SL Softening Glass Lens HL Honeycomb Louver XLVR Concentric Ring Louver ⁽¹⁵⁾ CL Clear Glass Lens PD Prismatic Diffuser LSN Linear Spread Lens Narrow (1° x 40°) ⁽¹⁶⁾ LSW Linear Spread Lens Wide (1° x 60°) ⁽¹⁶⁾

Notes:

- 11.** Monopoint accessory available. Refer to Single Circuit Track specification sheet for details.

12. Phase dimming available up to 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95), 3000 lumens (CR80, RCR80 or CR90). Phase dimming not available for 3000 lumens with NS optic.

13. Maximum one accessory per fixture.
- 14.** Accessories specified in the fixture code are factory installed but can also be changed in the field. Refer to installation instructions for details. To order accessories separately, refer to the Optical Accessories section of the specification sheet.

15. Available for XN, VN and NS optics only.

16. Available for XN, VN, NS, N and NFR optics only.