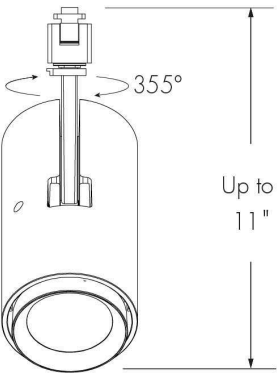


Project Name

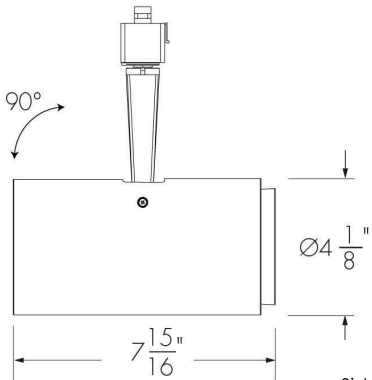
Qty

Type

Catalog / Part Number



One circuit model shown



Front view

Side view

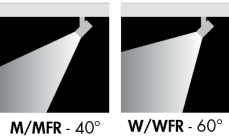
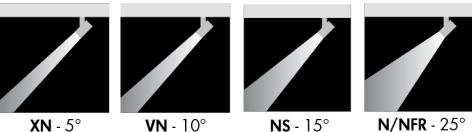
Photometric Summary

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

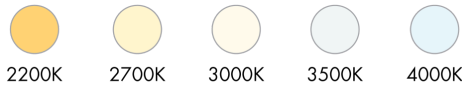
Nominal output [lm]	Delivered output [lm] [1]	Power (120V) [W] [2]	Efficacy [lm/W]
700	601	6.5	92
1000	793	8	99
1300	1,081	11	98
2000	1,682	18	93

[1] Consult website for latest IES files.
[2] Add 3 watts per fixture when specifying Lumentalk™.
Photometric performance is measured in compliance with IESNA IM-79-08.

Optics



Color and color temperature



Control



Description

The Lumencore Track M4 Spot is a LED spotlight available in both 1-circuit and 2-circuit configurations. The Lumencore Track M4 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°). Lumentalk enabled.

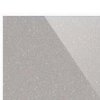
Features

Output (Nominal Lumens)	700 lm, 1000 lm, 1300 lm, 2000 lm, 3000 lm, 4000 lm, 5000 lm
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, Dim to Warm, Dim to Warm Plus
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 4,725 lm (medium faceted reflector optic 40°, 4000K, CRI 90)
Maximum Delivered Intensity	Up to 63,952 cd (extra narrow spot optic 5°, 4000K, CRI 80)
Efficacy	Up to 120 lm/W (medium faceted reflector optic 40°, 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

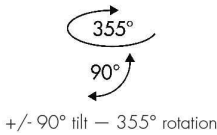
Finishes

		
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	GIY-Glossy ivory	CGY-Concrete grey
		
MLG-Metalized grey	IBR-Italian brick red	PWH-Parget white



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

Ajustability



Lumencycle™ Program



Certifications









Physical

Housing Material	Aluminum
Weight	4 lbs
TIR Optics Material	Clear polycarbonate
Reflector Material	Aluminum
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, Lumentalk

Environmental

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

Important

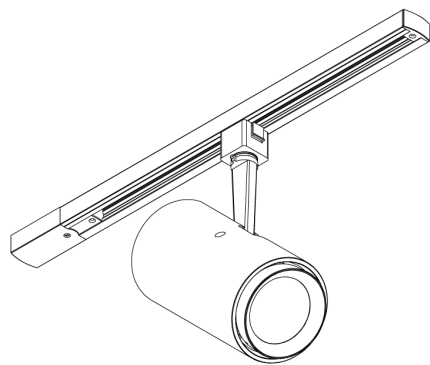
Virtual Patent Marking Notice

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.

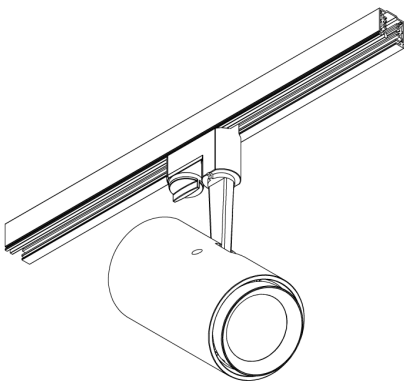
Lumencycle™ Program

Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

Mounting Options

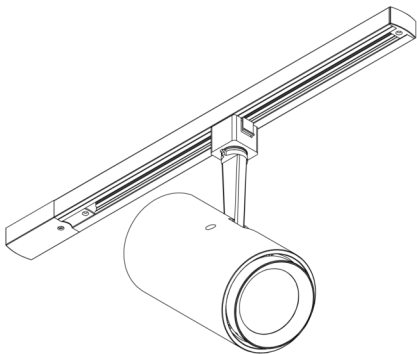


Adaptateur de rail standard pour 1 circuit

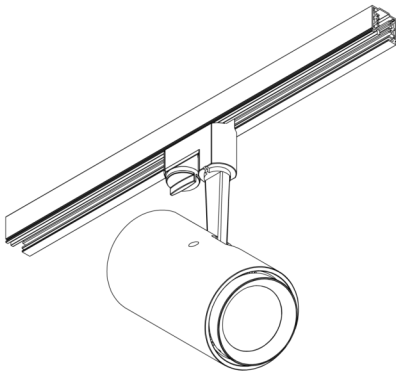


Adaptateur de rail standard pour 2 circuits

One Circuit Track Adapter

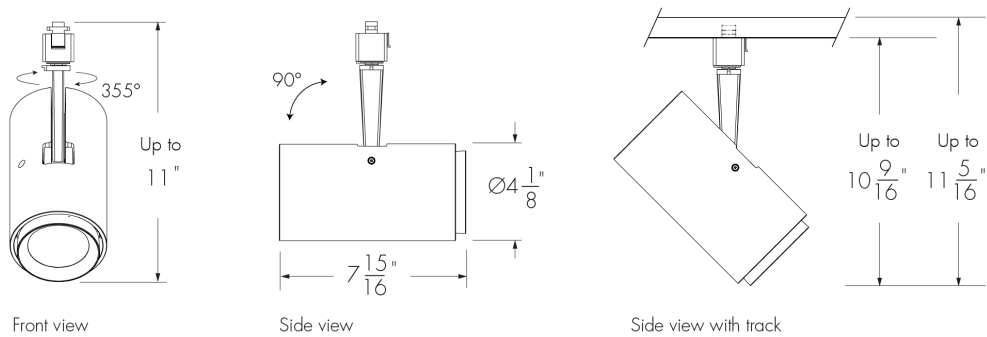


Two Circuit Track Adapter Standard

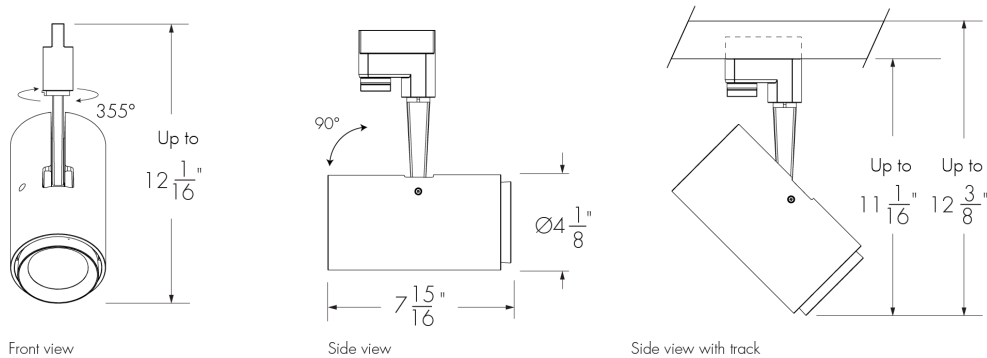


Fixture Dimensions

One Circuit Track



Two Circuit 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

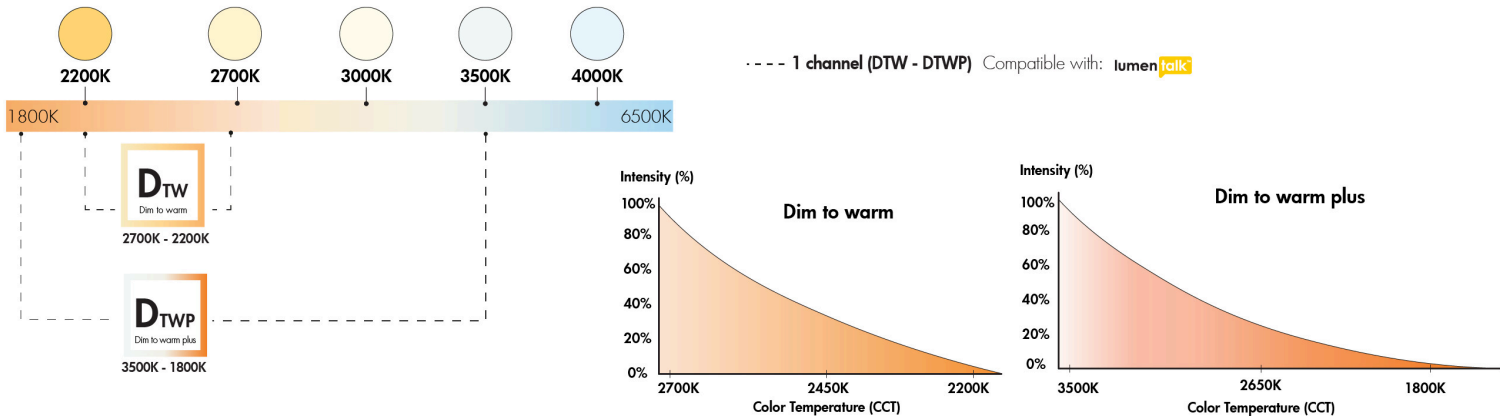


Faceted reflector
NFR/MFR/WFR



Color and Color Temperature

Color Temperature Ranges



Control

Refer to website product configurator for exceptions

On/off control

NO - On/off control

Phase dimming

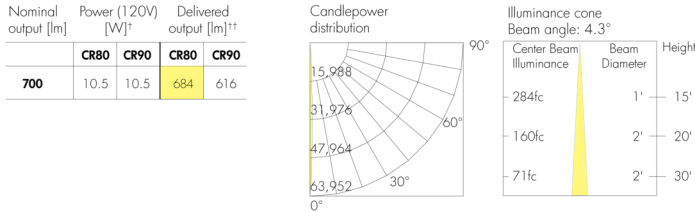
PH - Phase dimming

lumen talk dimming

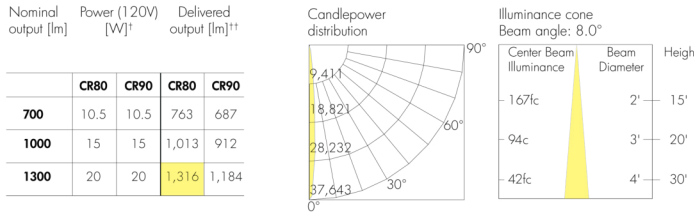
LT - Lumentalk dimming, 1% minimum dimming value

Photometric Information

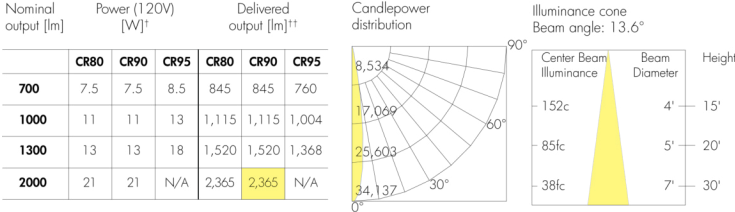
XN - Extra Narrow Spot (Nominal 5°), 4000K



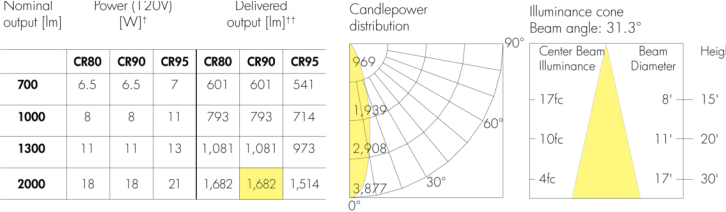
VN - Very Narrow Spot (Nominal 10°), 4000K



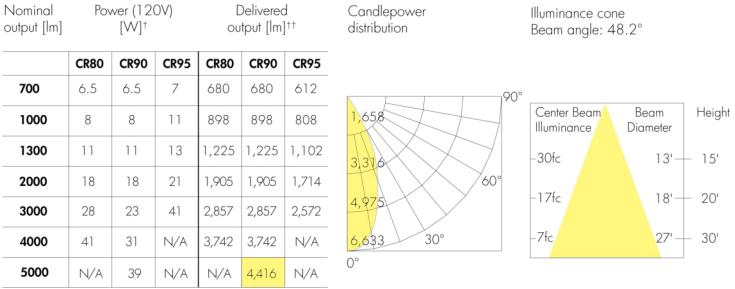
NS - Narrow Spot (Nominal 15°), 4000K



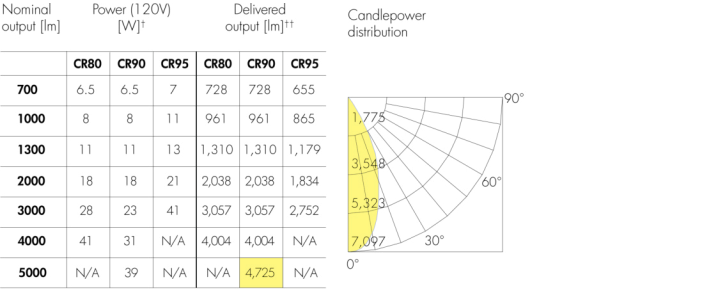
N - Narrow (Nominal 25°), 4000K



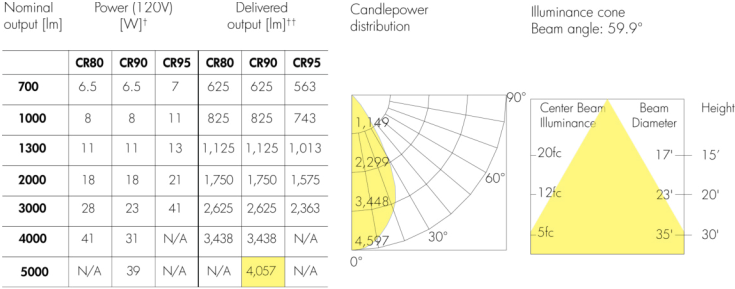
M - Medium (Nominal 40°), 4000K



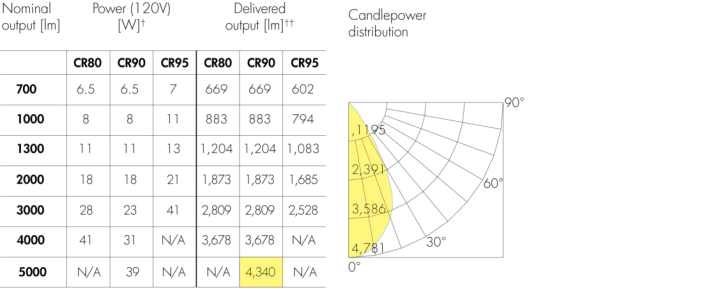
MFR - Medium Faceted Reflector (Nominal 40°), 4000K



W - Wide (Nominal 60°), 4000K



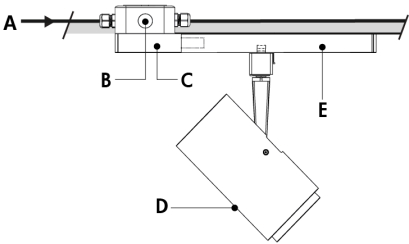
WFR - Wide Faceted Reflector (Nominal 60°), 4000K



†Add 3 watts per fixture when specifying Lumentalk™.
†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.

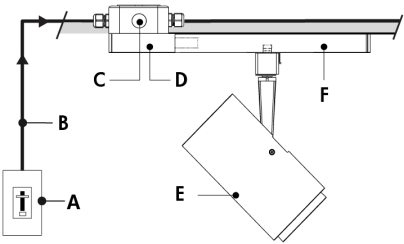
Typical Wiring Diagrams

On/Off Control (NO)



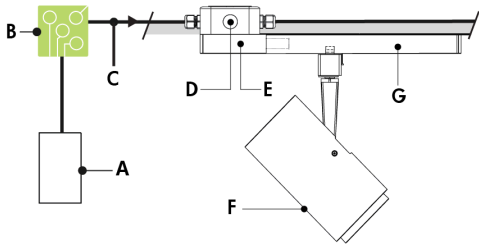
- A - Power input to track (120V)
- B - Junction box (by others)
- C - Live End Feed Track accessory (left)
- D - Lumencore Track M4 Spot
- E - Lumencore Track Single Circuit System

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 M4 Spot
- F - Lumencore Track Single Circuit System

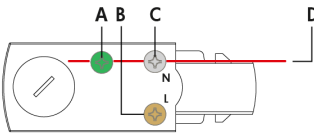
Lumentalk (LT)



- A - Third party dimmer/controller
- B - Lumentranslator 2 (LTL2-DIM, -DMX, -TRIAC, -DALI)
- C - Power line (120V-AC)
- D - Junction box (by others)
- E - Live End Feed Track accessory (left)
- F - Lumencore Track M4 Spot
- G - Lumencore Track Single Circuit System

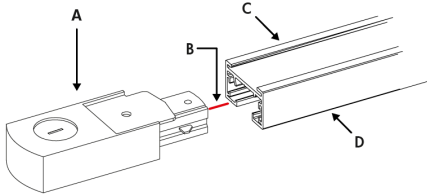
Typical Wiring Details

One Circuit Wiring Detail - Live End Feed (Left)



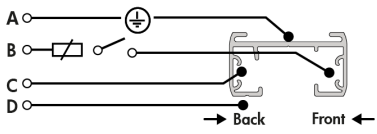
- A - Ground
- B - Line 1
- C - Neutral 1
- D - Polarity line

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



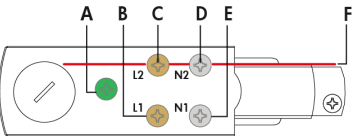
- A - Top view live feed (Reflected ceiling plan view)
- B - Polarity line
- C - Back view
- D - Front view

One Circuit Wiring Detail - Track



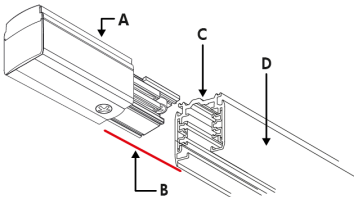
- A - Ground
- B - Line 1
- C - Neutral 1
- D - Polarity line

Double Circuit Wiring Detail - Live End Feed (Left)



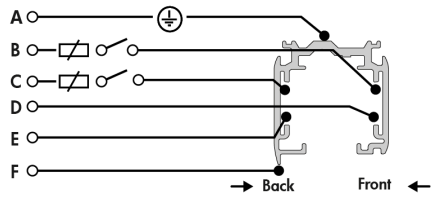
- A - Ground
- B - Line 1
- C - Line 2
- D - Neutral 2
- E - Neutral 1
- F - Polarity line

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



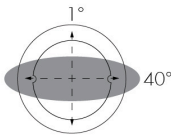
LATSM4-SL

CL - Clear Glass Lens

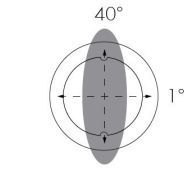


LATSM4-CL

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



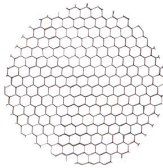
Horizontal Beam Distribution



Vertical Beam Distribution

LATSM4-LSN

HL - Honeycomb Louver



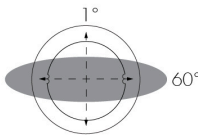
LATSM4-HL

PD - Prismatic Diffuser

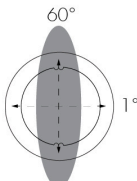


LATSM4-PD

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



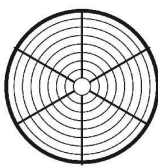
Horizontal Beam Distribution



Vertical Beam Distribution

LATSM4-LSW

XLVR - Concentric Ring Louver



LATSM4-XLVR

Maximum one accessory installed at a time.

[illegible]

Housing ⁽¹⁾	Certification	Voltage	Output (Nominal Lumens)	Color and Color Temperature	Color Rendering	Optics (Nominal Distribution)	Finish	Bezel	Interior Bezel Finish
LATSM4 Lumencore Track M4 Spot	A UL/cUL	120 120 Volts	L07 700 lm	22K 2200K ⁽⁴⁾ ⁽⁵⁾	CR80 CRI 80+	XN Extra Narrow Spot 5° ⁽¹²⁾	MWH Matte White	b Bezel	MWH Matte White
			L10 1000 lm	27K 2700K	CR90 CRI 90+	VN Very Narrow Spot 10° ⁽¹³⁾	MBK Matte Black		MBK Matte Black
			L13 1300 lm	30K 3000K	CR95 CRI 95+ ⁽¹⁰⁾	NS Narrow Spot 15° ⁽¹⁴⁾	MBR Matte Brown		MBR Matte Brown
			L20 2000 lm	35K 3500K	RCR80 Radiant CRI 80+ ⁽⁵⁾ ⁽¹¹⁾	MOR Matte Orange	MOR Matte Orange		
			L30 3000 lm ⁽²⁾	40K 4000K	RCR95 Radiant CRI 95+ ⁽⁵⁾ ⁽¹⁰⁾ ⁽¹¹⁾	MGR Matte Green	MGR Matte Green		
			L40 4000 lm ⁽²⁾	DTW Dim to Warm (2700K to 2200K) ⁽⁶⁾ ⁽⁷⁾ ⁽⁸⁾ ⁽⁹⁾	NFR Narrow Faceted Reflector 25°	MBL Matte Blue	MBL Matte Blue		
			L50 5000 lm ⁽²⁾ ⁽³⁾	DTWP Dim to Warm Plus (3500K to 1800K) ⁽⁶⁾ ⁽⁷⁾ ⁽⁸⁾ ⁽⁹⁾	M Medium 40°	MSI Matte Silver	MSI Matte Silver		
					MFR Medium Faceted Reflector 40°	GWH Glossy White	GWH Glossy White		
					W Wide 60°	GBK Glossy Black	GBK Glossy Black		
					WFR Wide Faceted Reflector 60°	GYL Glossy Yellow	GYL Glossy Yellow		
						GLR Glossy Red	GLR Glossy Red		
						GVI Glossy Violet	GVI Glossy Violet		
						GGR Glossy Green	GGR Glossy Green		
						GIY Glossy Ivory	GIY Glossy Ivory		
						CGY Concrete Gray	CGY Concrete Gray		
			MLG Metalized Gray	MLG Metalized Gray					
			IBR Italian Brick Red	IBR Italian Brick Red					
			PWH Parget White	PWH Parget White					
			CC Custom Color & Finish ⁽¹⁵⁾	CC Custom Color & Finish ⁽¹⁵⁾					

1. Refer to website product configurator for all exceptions.

1. Refer to website product configurator for all exceptions.
2. Available for NFR, M, MFR, W and WFR optics only.
3. Available for CR90 only.
4. Available for CR80 only.
5. Not available for XN and VN optics.
6. NFR, MFR and WFR faceted reflector optics are recommended for optimal performance.
7. Available for 1000, 1300 and 2000 lumens when combined with NFR, M, MFR, W and WFR optics only.
8. Compatible with LT control option only.

9. Available with CR90 only.
10. CR95 and RCR95 available up to 1300 lumens for NS optic and up to 3000 lumens for N, NFR, M, MFR, W and WFR optics.
11. Radiant CRI options available for 3000K only.
12. Available for 700 lumens when combined with CR80 or CR90 color rendering options only.
13. Available for 700, 1000 and 1300 lumens when combined with CR80 or CR90 color rendering options only.
14. Available up to 2000 lumens.
15. Longer lead times can be expected for custom RAL color finishes.

How to Order

Track Adapter Type	Track Adapter Color	Control	Accessories ⁽²⁰⁾ ⁽²¹⁾
1C One circuit track adapter standard ⁽¹⁶⁾ 2C Two circuit track adapter standard	AWH White Adapter ABK Black Adapter	NO On/Off Control PH Phase Dimming ⁽¹⁷⁾ LT Lumentalk Enabled Dimming ⁽¹⁸⁾ ⁽¹⁹⁾	NA No Accessory SL Softening Glass Lens HL Honeycomb Louver ⁽²²⁾ XLVR Concentric Ring Louver ⁽²³⁾ CL Clear Glass Lens PD Prismatic Diffuser LSN Linear Spread Lens Narrow (1° x 40°) ⁽²⁴⁾ LSW Linear Spread Lens Wide (1° x 60°) ⁽²⁴⁾

Notes:

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

17. Phase dimming available up to 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95), 3000 lumens (CR80, RCR80, CR90, CR95 or RCR95) and 4000 lumens (CR80, RCR80 or CR90). Phase dimming not available for 3000 lumens with NS optic.

18. 1% minimum dimming value. Lumentalk dimming available up to 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95), 3000 lumens (CR80, RCR80 or CR90). Lumentalk dimming not available for 3000 lumens when combined with NS optic.

19. A Lumentranslator 2 (LTL2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
- 20.** Maximum one accessory per fixture.

21. 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.

22. HL accessory is available for 2200K, 2700K, 3000K, 3500K and 4000K color options only.

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

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