

Pari M

Medium Track Head



PROJECT:

TYPE:

Features

Flexible modular design in a sleek and compact cylinder appearance with interchangeable TIR optics (15°, 24°, 38°, 60°) and comfort bezel.

Product Overview

Type: Track Accent & Display
Wattage: 25W
Color Temp: 3000K, 3500K, 4000K
CRI: 90+ typ.
Dimming: TRIAC & ELV, 5% Dim, 120VAC



Certifications



Fixture Summary

Performance Data

Beam Spread	Delivered Lumens	LPW	CBCP	Color Temp, CRI
15°	1981	74	15330	3000K, 90+
24°	1928	72.1	6870	3000K, 90+
38°	2013	75.3	5373	3000K, 90+
60°	2192	81.9	3009	3000K, 90+

Data is based on 3000K, 90+ 120V IES files available on website.

Electrical Data

Voltage	System Watts	Amps
120V	25	0.21

Electronic constant current LED driver.

Pari M

Medium Track Head



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Ordering Information

PARI-M			120		LE/TE						
1	2	3	4	5	6	7	8				
1	Model PARI-M medium track head, 25W		2	Finish W white B black		3	Mounting Adapter (adapter finish will match housing & stem finish) TN1 H-Style, single circuit, 120V (not compatible with the GES70 monopoint kit) CT J-Style, single & dual circuit, 120V LOL L-Style, single circuit, 120V		4	Voltage 120	
5	Beam Spreads 15 15° 24 24° 38 38° 60 60°		6	Color Temp & CRI 309 3000K, 90+ CRI 359 3500K, 90+ CRI 409 4000K, 90+ CRI		7	Driver LE/TE TRIAC/ELV dimming, 5% dim		8	Options/Accessories HEX hexcell louver	

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Specifications

Application

Accent and display lighting for retail, supermarket, commercial & hospitality environments.

Construction

Die-cast and extruded aluminum construction
Molded polycarbonate comfort bezel, matte black finish
No exposed wiring
Powder coat paint

Optical

TIR optics
Beam Spreads: 15°, 24°, 38°, 60°

LED

Color Temp: 3000K, 3500K, 4000K
CRI: 90+ typ.
Binning: 3-step MacAdam ellipse
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
Lumen Output (3000K, 90+): up to 2200 lm

Electrical

Wattage: 25W
Electronic constant current LED driver, 120V input

Driver

LE/TE - Leading Edge (*Triac, Forward Phase*) or Trailing Edge (*ELV, Reverse Phase*) autosensing driver dims down to 5% on most dimming systems.

See dimming pages for more information.

Finish

Powder coat paint, White or Black
Comfort bezel is matte black

Mounting

Track mounting.
Available adapters include H-Style, J-Style & L-Style (*not compatible with GES70 monopoint kit*)

Note: Track fixture mounting recommended only to horizontal mounted track.

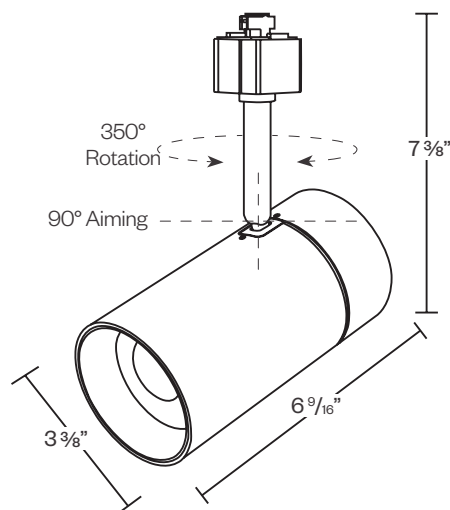
Certifications

ETL listed
Intended for indoor use only.

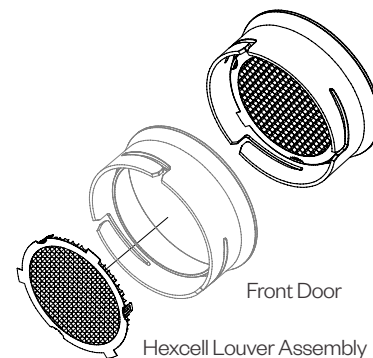
Warranty

5 year limited warranty

Product Details



Hexcell Louver Assembly



Pari M

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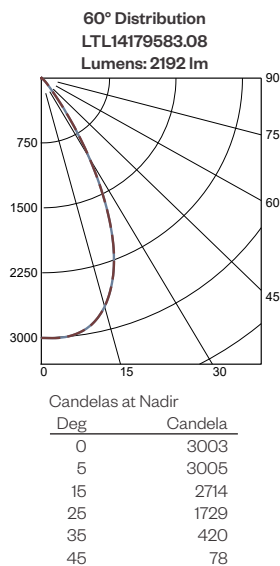
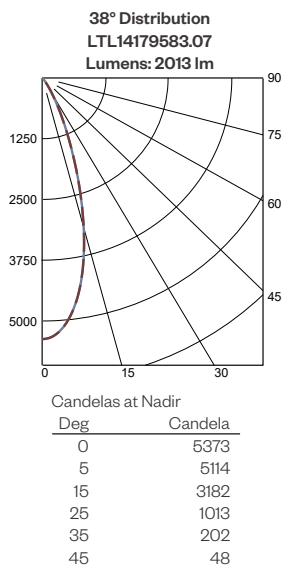
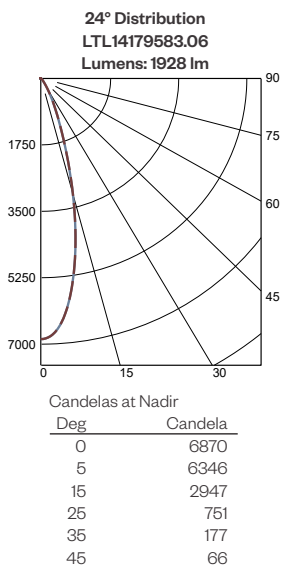
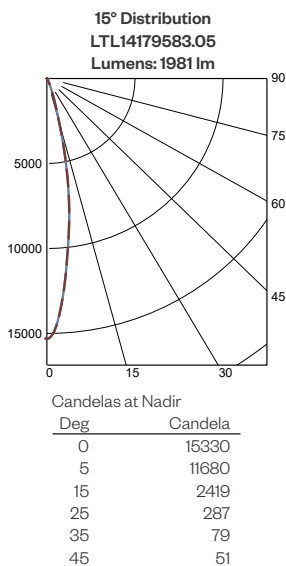
TYPE:

Performance Data

Multiplying Factors: (Multiplying Factor is based on 3000K, 90+ 120V IES file on website)

CCT:	3000K-90+	3500K-90+	4000K-90+
Factor:	1.0	1.06	1.11

25W LED, 3000K, 90+



Application Data

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

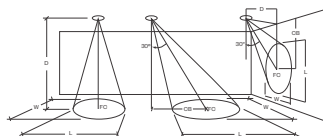
D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).

W=Effective Visual Beam width in feet (50% of maximum footcandle level).

CB=Distance across or down to center beam location.



		0° Aiming Angle Horizontal Footcandles					30° Aiming Angle Horizontal Footcandles						30° Aiming Angle Vertical Footcandles						60° Aiming Angle Vertical Footcandles				
15° Distribution	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB				
	5.0'	693	1.4	1.4	5.0'	395	2.1	1.8	3.0	3.0'	234	3.1	1.8	4.0	3.0'	840	1.7	1.2	2.0				
	7.5'	296	2.3	2.3	7.5'	177	3.1	2.7	4.0	4.0'	130	3.9	2.4	6.0	4.0'	596	1.7	1.4	2.0				
	10.0'	163	3.0	3.0	10.0'	97	4.2	3.6	6.0	5.0'	88	5.0	3.0	7.0	5.0'	383	2.2	1.8	3.0				
	12.5'	103	3.8	3.8	12.5'	65	5.0	4.5	7.0	6.0'	62	6.1	3.6	9.0	6.0'	265	2.6	2.2	3.0				
24° Distribution	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB				
	5.0'	275	2.4	2.4	5.0'	178	3.0	2.8	3.0	3.0'	141	3.5	2.4	4.0	3.0'	425	2.2	1.6	2.0				
	7.5'	123	3.5	3.5	7.5'	84	4.3	3.9	4.0	4.0'	81	4.5	3.0	5.0	4.0'	298	2.3	2.1	2.0				
	10.0'	69	4.7	4.7	10.0'	48	5.7	5.1	5.0	5.0'	52	5.7	3.8	6.0	5.0'	176	3.0	2.8	2.0				
	12.5'	44	5.8	5.8	12.5'	31	7.2	6.5	6.0	6.0'	36	7.1	4.6	8.0	6.0'	133	3.4	3.1	3.0				
38° Distribution	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB				
	5.0'	244	2.7	2.7	5.0'	148	3.5	3.1	3.0	3.0'	126	3.5	2.7	3.0	3.0'	384	2.3	1.8	1.0				
	7.5'	104	4.0	4.0	7.5'	66	5.2	4.7	3.0	4.0'	71	4.8	3.5	4.0	4.0'	237	2.8	2.6	2.0				
	10.0'	58	5.5	5.5	10.0'	38	6.8	6.2	5.0	5.0'	47	5.8	4.3	6.0	5.0'	151	3.5	3.1	2.0				
	12.5'	36	6.9	6.9	12.5'	25	8.5	7.8	6.0	6.0'	33	7.0	5.2	7.0	6.0'	106	4.1	3.7	3.0				
60° Distribution	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB				
	5.0'	121	4.3	4.3	5.0'	97	4.3	4.4	2.0	3.0'	108	3.2	3.2	3.0	3.0'	277	2.5	2.6	1.0				
	7.5'	54	6.6	6.6	7.5'	44	6.5	6.7	2.0	4.0'	64	3.9	4.2	3.0	4.0'	154	3.4	3.5	1.0				
	10.0'	30	8.7	8.7	10.0'	25	8.6	8.9	3.0	5.0'	42	4.9	5.1	4.0	5.0'	97	4.4	4.5	2.0				
	12.5'	20	10.9	10.9	12.5'	16	10.9	11.2	4.0	6.0'	30	5.9	6.2	5.0	6.0'	70	5.1	5.3	2.0				

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Dimming Compatibility

Amerlux® Pari fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (*Dimmer, Fixture Quantity, Voltage, etc*) may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

TRIAC (Forward Phase) Dimming

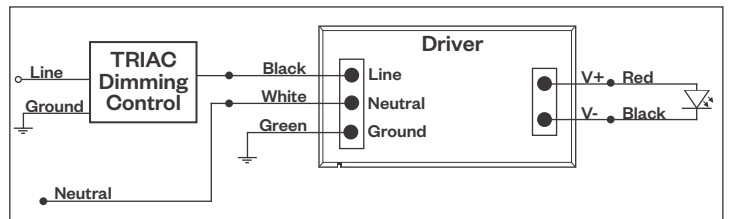
Utilizes standard TRIAC dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

Notes:

- 120VAC or 277VAC*
- Dims down to 5% light output (*most cases*)
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

Compatible Dimmers†:	
Wall Box (TRIAC 120VAC)	Central System
Lutron "Diva"	Lutron "GP" Panel
Lutron "Nova-T"	Lutron Grafik Eye QS
Lutron "Maestro"	
Lutron "Skylark"	

TRIAC Wiring Diagram



ELV - Electronic Low Voltage (Reverse Phase) Dimming

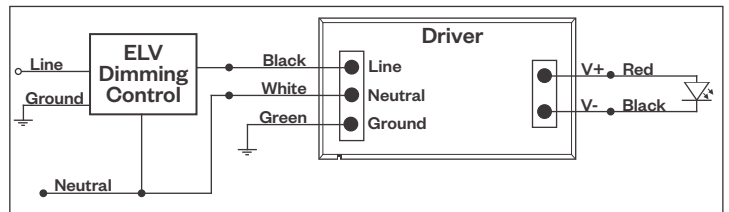
Utilizes specialized "ELV" dimmers.

Notes:

- 120VAC or 277VAC*
- Dims down to 5% light output (*most cases*)
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

Compatible Dimmers†:		
Wall Box (ELV 120VAC)	Wall Box (ELV 277VAC)	Central System
Lutron "Diva"	Leviton Revoir II AWSMT-E	Lutron "GP" Panel with PHPM-PA 120/277VAC
Lutron "Nova-T"		Lutron Grafik Eye QS with PHPM-PA 120/277VAC
Lutron "Maestro"		
Lutron "Skylark"		
Leviton "Surslide"		
Leviton "Vizio"		

ELV Wiring Diagram



Notes:

† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.