

# Pari S

## Small 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.



PARI-S-B



PARI-S-W

### Product Overview

Type: Track Accent & Display  
Wattage: 15W  
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°	1245	86.3	10230	3000K, 90+
24°	1348	93.4	7927	3000K, 90+
38°	1431	99	3755	3000K, 90+
60°	988	68.5	1164	3000K, 90+

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

#### Electrical Data

Voltage	System Watts	Amps
120V	15	0.13

Electronic constant current LED driver.

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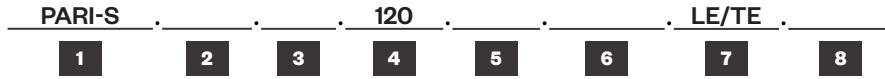
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### Ordering Information



1	Model	2	Finish	3	Mounting Adapter	4	Voltage
	<b>PARI-S</b> small track head, 15W		<b>W</b> white <b>B</b> black		<i>(adapter finish will match housing &amp; stem finish)</i> <b>TN1</b> H-Style, single circuit, 120V <i>(not compatible with the GESTO monopoint kit)</i> <b>CT</b> J-Style, single & dual circuit, 120V <b>LOL</b> L-Style, single circuit, 120V		<b>120</b>
5	Beam Spreads	6	Color Temp & CRI	7	Driver	8	Options/Accessories
	<b>15</b> 15° <b>24</b> 24° <b>38</b> 38° <b>60</b> 60°		<b>309</b> 3000K, 90+ CRI <b>359</b> 3500K, 90+ CRI <b>409</b> 4000K, 90+ CRI		<b>LE/TE</b> TRIAC/ELV dimming, 5% dim		<b>HEX</b> 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 1430 lm

#### Electrical

Wattage: 15W  
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 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.**

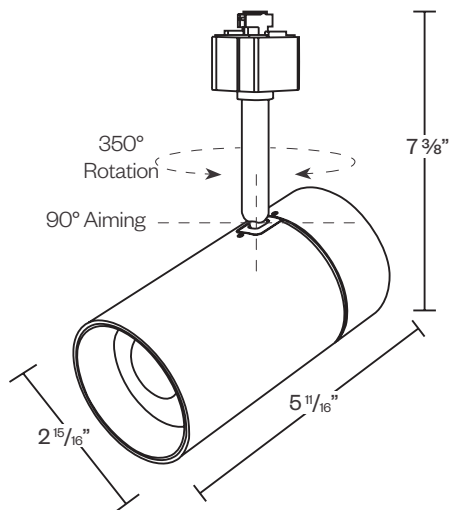
#### Certifications

ETL listed  
Intended for indoor use only.

#### Warranty

5 year limited warranty

### Product Details



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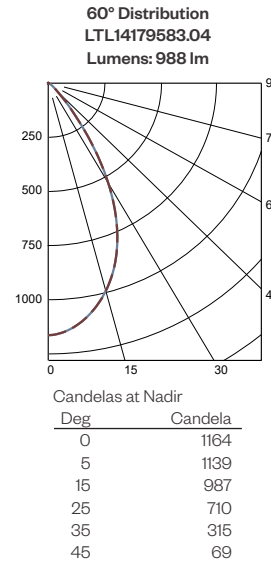
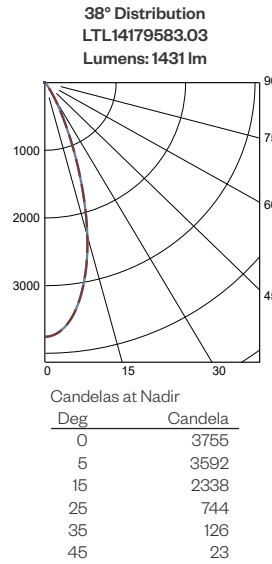
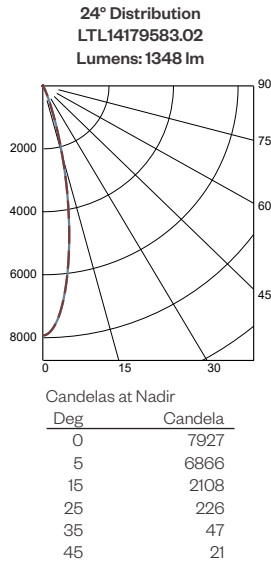
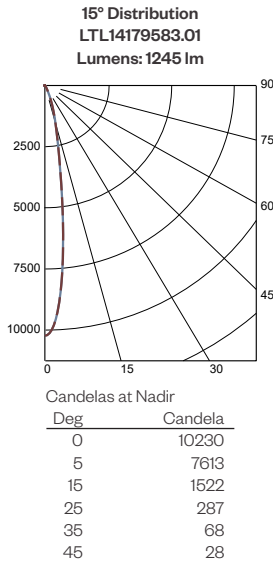
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### Performance Data

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

### 15W LED, 3000K, 90+



### Application Data

#### Notes and Definitions:

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

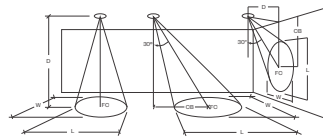
D=Distance to floor or wall.

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				
	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
15° Distribution	5.0'	409	1.3	1.3	5.0'	264	1.7	1.5	3.0	3.0'	154	3.0	1.5	5.0	3.0'	563	1.4	1.1	2.0
	7.5'	182	2.0	2.0	7.5'	119	2.6	2.3	4.0	4.0'	94	3.7	1.9	6.0	4.0'	400	1.5	1.3	2.0
	10.0'	102	2.8	2.8	10.0'	65	3.6	3.2	6.0	5.0'	59	4.7	2.6	7.0	5.0'	257	1.9	1.5	3.0
	12.5'	66	3.3	3.3	12.5'	44	4.3	3.7	7.0	6.0'	42	5.6	3.0	9.0	6.0'	178	2.3	1.7	3.0
24° Distribution	5.0'	317	1.8	1.8	5.0'	205	2.5	2.2	3.0	3.0'	145	3.2	1.8	4.0	3.0'	471	1.9	1.3	2.0
	7.5'	141	2.9	2.9	7.5'	95	3.6	3.2	4.0	4.0'	79	4.3	2.8	5.0	4.0'	332	1.9	1.6	2.0
	10.0'	80	3.7	3.7	10.0'	53	4.8	4.2	5.0	5.0'	53	5.2	3.2	7.0	5.0'	200	2.5	2.2	3.0
	12.5'	51	4.7	4.7	12.5'	34	6.0	5.4	7.0	6.0'	37	6.5	3.9	8.0	6.0'	148	2.9	2.6	3.0
38° Distribution	5.0'	151	3.0	3.0	5.0'	105	3.5	3.2	2.0	3.0'	92	3.4	2.7	3.0	3.0'	276	2.2	1.8	1.0
	7.5'	67	4.4	4.4	7.5'	47	5.2	4.9	3.0	4.0'	52	4.6	3.5	4.0	4.0'	166	2.9	2.7	2.0
	10.0'	38	5.8	5.8	10.0'	27	7.0	6.5	5.0	5.0'	33	5.7	4.4	5.0	5.0'	107	3.5	3.1	2.0
	12.5'	24	7.3	7.3	12.5'	17	8.7	8.1	6.0	6.0'	24	6.4	4.9	7.0	6.0'	74	4.2	3.9	3.0
60° Distribution	5.0'	47	4.5	4.5	5.0'	36	4.6	4.7	2.0	3.0'	43	3.3	3.4	2.0	3.0'	102	2.7	2.8	1.0
	7.5'	21	6.6	6.6	7.5'	16	6.9	7.0	3.0	4.0'	25	4.3	4.4	3.0	4.0'	57	3.6	3.7	1.0
	10.0'	12	8.8	8.8	10.0'	9	9.3	9.4	3.0	5.0'	16	5.4	5.5	4.0	5.0'	36	4.7	4.8	2.0
	12.5'	8	11.2	11.2	12.5'	6	11.7	11.8	4.0	6.0'	11	6.7	6.7	5.0	6.0'	25	5.5	5.5	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 ---

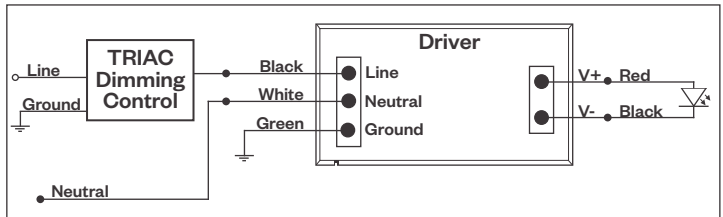
#### TRIAC (Forward Phase) Dimming

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

#### TRIAC Wiring Diagram



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

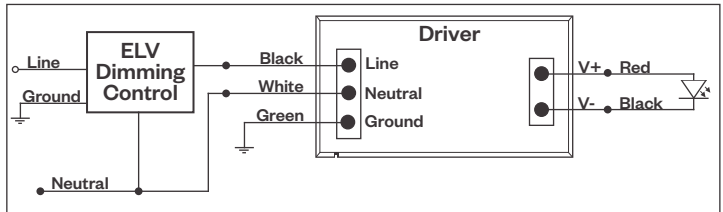
#### ELV - Electronic Low Voltage (Reverse Phase) Dimming

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

#### ELV Wiring Diagram



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"		

##### Notes:

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