

Simo P Series

LED Track Luminaire

PROJECT		DATE	
NOTES		CATALOG NUMBER	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Nominal Delivered Lumens **
L50	8W/10W	3000K / 90 CRI	770lm/ 900lm
L60	12W/15W	3000K / 90 CRI	1080lm/1350lm
L70	20W/25W	3000K / 90 CRI	1800lm/ 2250lm
L80	30W/35W	3000K / 90 CRI	2700lm/ 3150lm
L90	35W/40W	3000K / 90 CRI	3150lm/ 3600lm

FEATURES

- High performance LED COB Chip provide powerful uniform, vertical and horizontal illumination.
- Horizontal Adjustability: 358°, Vertical Adjustability: 90°
- Choice of multiple CCT/CRI options

LED LIGHT ENGINE

- 3 CCT selectable, convenient inventory and cost savings
- 82 or 92 CRI in 2700, 3000, 3500 & 4000K
- 50,000 hours L70 (rated life at 70% output)

OPTICS

- 15° spot, 24° narrow flood, 36° flood, and 60° wide flood
- Field changeable optics

DIMMING

- Forward/ Reverse Triac dimming
- Triac dimming in 120V only
- 0-10V dimming

TECHNICAL DATA

Light Engine Wattage	L50/L60/L70/L80/L90
Delivered Lumens	8W/10W/12W/15W/20W/25W/30W/35W/40W
CRI	90lm/W; 100lm/W CRI 92; CRI 80
Colour Temperature	2700K, 3000K, 3500K, 4000K, 3CCT
Driver Input	120V/277V 50/60Hz input
Dimming	Triac dimming; 0-10V dimming
Optics	15°/24°/36°/60°
Finish	White ; Black
Location	Damp Locations
IP	IP20
Lifespan	50,000 Hours at 70% Light Output
Warranty	5 Year Limited
Listing	ETL

ELECTRICAL SYSTEM

- 120/277V 50/60Hz input
- Class 2 power supply
- Over voltage/current and short circuit protection

TRACK COMPATIBILITY

Track luminaire is designed for use with the following track systems:

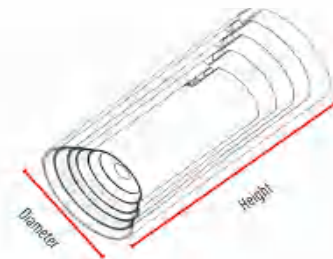
- J-Type Single /Two Circuit 120V
- H-Type Single /Two Circuit 120V
- L-Type Single / Two Circuit 120V

ACCESSORIES

- Accessories include: Hex louver, prismatic spread lens, linear spread lens, and Solite Lens
- Luminaire will accommodate (1) accessory. Holder required.

LISTING/WARRANTY

- ETL Listed to US and Canadian standards for damp locations
- 5-Year LED Limited Warranty



LED Light Engine	Aperture Diameter	Diameter	Height
L50	2/5"	2"	5"
L60	2"	2 2/5"	6"
L70	2 1/2"	2 3/4"	6 1/2"
L80	2 7/10"	3 1/10"	7"
L90	3 1/10"	3 1/2"	7 9/10"

Example: SIMO-P-L50-27-DIM-W-SP...

Luminaire	Wattage	CCT / CRI	Driver	Finish	Beam Spread	Adapter	Mounting
SIMO-P	<input type="checkbox"/> -L50 (8/10 Watts)	<input type="checkbox"/> 27 (2700K/82 CRI)	<input type="checkbox"/> blank (Non-Dimming)	<input type="checkbox"/> W (White)	<input type="checkbox"/> -SP (15° Spot)	<input type="checkbox"/> -J (J-Type Adapter 120V)	<input type="checkbox"/> -12 (12" Rigid Pendant)
	<input type="checkbox"/> -L60 (12/15 Watts)	<input type="checkbox"/> 279 (2700K/90 CRI)	<input type="checkbox"/> -DIM ^{1,2} (Triac Dimming)	<input type="checkbox"/> B (Black)	<input type="checkbox"/> -NF (24° Narrow Flood)	<input type="checkbox"/> -H (H-Type Adapter 120V)	<input type="checkbox"/> -24 (24" Rigid Pendant)
	<input type="checkbox"/> -L70 (20/25 Watts)	<input type="checkbox"/> 30 (3000K/82 CRI)	<input type="checkbox"/> -D101 ³ (0-10V Dimming)		<input type="checkbox"/> -FL (36° Flood)	<input type="checkbox"/> -L (L-Type Adapter 120V)	<input type="checkbox"/> -36 (36" Rigid Pendant)
	<input type="checkbox"/> -L80 (30/35 Watts)	<input type="checkbox"/> 309 (3000K/90 CRI)			<input type="checkbox"/> -WF (60° Wide Flood)		<input type="checkbox"/> -48 (48" Rigid Pendant)
	<input type="checkbox"/> -L90 (35/40 Watts)	<input type="checkbox"/> 35 (3500K/82 CRI)					<input type="checkbox"/> -S (Surface)
		<input type="checkbox"/> 359 (3500K/90 CRI)					
		<input type="checkbox"/> 40 (4000K/82 CRI)					
		<input type="checkbox"/> 409 (4000K/90 CRI)					

Accessories:

- LAH (Accessory Holder)
- LHL (Hex Louver)
- LPS (Prismatic Spread Lens)
- LLS (Linear Spread Lens)
- LSL (Solite Lens)

Field Changeable Optic:

- BSP (15° Spot)
- BNF (24° Narrow Flood)
- BFL (36° Flood)
- BWF (60° Wide Flood)

Field Changeable Adapter:

- J (J-Type Adapter 120V)
- H (H-Type Adapter 120V)
- L (L-Type Adapter 120V)

Installation optional

- T (General)
- PT (Pendant Track)
- CT (Canopy Single Track)
- C (Canopy Mounted)
- CP (Canopy Pendant Mounted)

TRACK SYSTEM

ALLSPARK LIGHTING

Xueziwei Industrial Park, Shajing, Bao'an District, Shenzhen, China.

| Tel +86 0755-27350487 | E-mail: info@allspark-lighting.com | Website : www.allspark-lighting.com.

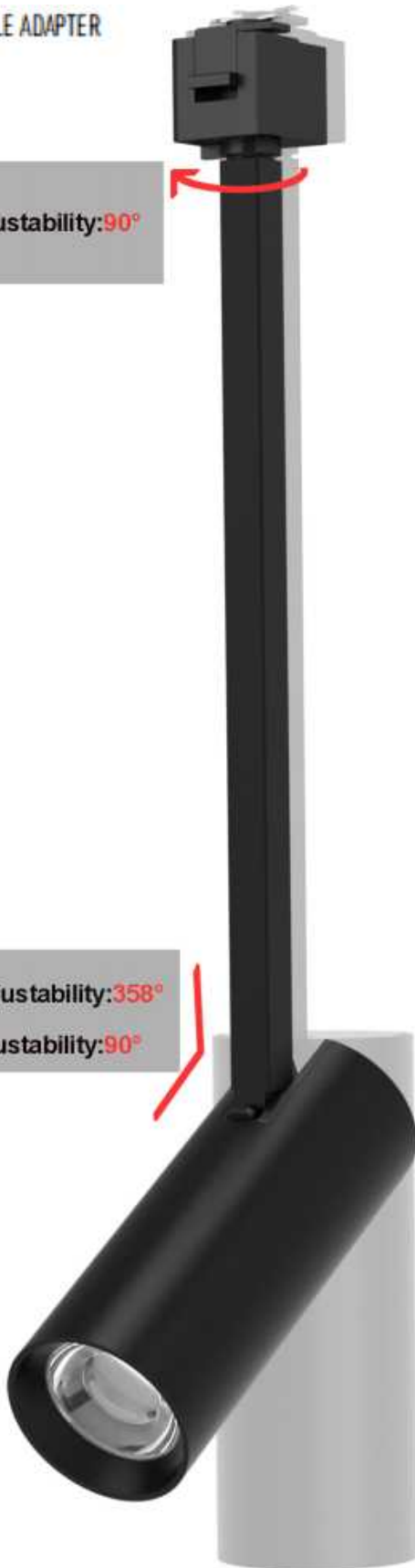


FIELD CHANGEABLE ADAPTER

Vertical Adjustability: **90°**

Horizontal Adjustability: **358°**

Vertical Adjustability: **90°**



Track Quickly Adapter :



H-type
H-Type

J-type
J-Type

L-type
L-Type

FIELD CHANGEABLE OPTIC



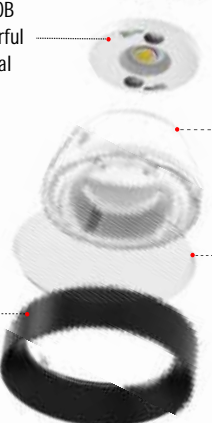
Track Quickly Adapter is compatible with Juno, Halo, Lightolier. Adjustability 90° vertical tilt, 358° horizontal rotation.

The back cover of the track lighting fixture is designed to provide durability, heat dissipation, and easy access for installation and maintenance.

The high quality power supply is adjacent from the LED engine to increase efficiency and ensure optimal performance. Isolated constant current drive power supply, safe and stable guarantee without strobe, standard dimming control, matching most dimmers.

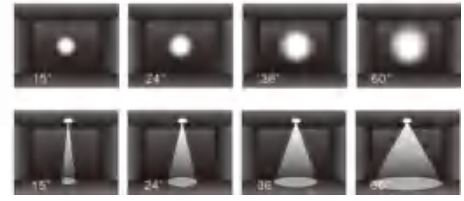
ADC12 aluminum alloy lamp body exhibits excellent castability, good corrosion resistance, and high thermal and electrical conductivity.

High Performance LED Chip COB
High output LED provide powerful uniform, vertical and horizontal illumination.
COB chips can be changed (Chip Brand, CCT, CRI...)



Optic Bezel
Can change the louver to filtering the light, avoid glare.

Field Changeable Optic:



Optic Option :



Prismatic Spread Lens

Solite Lens

Linear Spread Lens

Hex Louver

INSTALLATION OPTIONAL



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