

## FIXTURE SPECIFICATIONS

### INTENDED USE

The specification grade **Sinch Architectural LED Adjustable Track Light Fixture** delivers direct track lighting to commercial, hospitality and residential interior ceiling track lighting applications. Architecturally styled Cylinder LED track lights feature small, unobtrusive size and are highly adjustable. Our modern LED track light fixture designs offer excellent illumination, exceptional performance and versatility in offices, classrooms, conference rooms, museums, retail outlets, hotels, restaurants, and more.

### PRODUCT FAMILY ACCESSORIES

- 13002-1** | 2 FT Track Channel
- 13004-1** | 4FT Track Channel
- 13941-1** | Live End Feed
- 13991-1** | Limiter Live End Feed
- 13927-1** | T-Bar Live End Feed
- 13943-1** | L-Connector
- 13946-1** | X-Connector
- 13949-1** | Mini Connector
- 13980-1** | Conduit Connector
- 13929-1** | Floating Canopy Connector

### FEATURES

- Construction:** Steel Body and Alloy Heat Sink
- Connector:** 3-Wire H-Type Track
- Rotation:** 355° Rotation / 0°-90° Gimbal
- Driver:** Electronic Constant Current
- 2-Wire Incandescent (120V, 100-0%)*
- Electronic Low Voltage (120V, 100-0%)*
- Life:** 35,000 Hours L70
- CRI:** 90+
- Warranty:**
- Small: 5 Years Carefree for Parts & Components (Labor Not Included)
- Medium: 3 Years Carefree for Parts & Components (Labor Not Included)
- Listings:** cETL Listed



## ORDERING INFORMATION Example: (13124-SM-BK-15-T27-C90-LV)

Model	Size	Wattage	Lumens	Finish	Beam Spread	Color Temp	Track Type	Options
<b>13124</b>	<b>L10</b>	2.5" Dia	12 watts	<b>BK</b> Black	<b>15</b> 15° Spot	<b>27K</b> 2700K	<b>H</b> H-Style Halo <small>Standard</small>	<b>LV</b> Glare Control Louver
	<b>L14</b>	3" Dia	18 watts	<b>WH</b> White	<b>25</b> 25° Narrow Flood	<b>30K</b> 3000K		
	<b>L16</b>	3" Dia	20 watts		<b>40</b> 40° Flood <small>Standard</small>	<b>35K</b> 3500K		
						<b>40K</b> 4000K		
						<b>CS<sup>1</sup></b> Color Select <small>3000K/3500K/4000K</small>	<b>L</b> L-Style Lightholier	

<sup>1</sup> Only Available for L14 (3" Dia) | 18 watts | 1400 lumens

**PHOTOMETRY**

**13124-L10-BK-40-30K - 1000lm - 3000K**

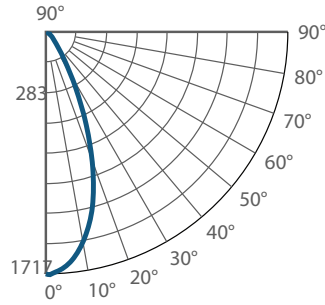
System Power :10.1W

Multipliers

Beam Angle 50%	:41.1°
Field Angle 10%	:67.3°
Color Temperature	:2868K
CRI	:91.9
R9 Value	:56.9
Lumens Delivered	:946lm
CBCP	:1720cd
Power Factor	:0.91

4000K	1.04
2700K	0.95

**CANDELA TABULATION**



**FOOTCANDLE DISTRIBUTION**

Height	Beam Diameter	FC
3.3'	2.5'	159.6
6.6'	4.9'	39.9
9.8'	7.4'	17.7
13.1'	9.8'	10
16.4'	12.3'	6.4

**13124-L16-BK-40-30K - 1600lm - 3000K**

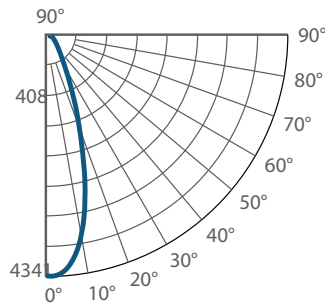
System Power :19.9W

Multipliers

Beam Angle 50%	:30.8°
Field Angle 10%	:55.4°
Color Temperature	:2879K
CRI	:91.6
R9 Value	:53.0
Lumens Delivered	:1651lm
CBCP	:4347cd
Power Factor	:0.89

4000K	1.04
2700K	0.95

**CANDELA TABULATION**



**FOOTCANDLE DISTRIBUTION**

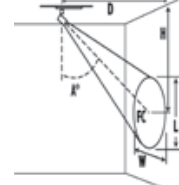
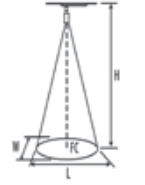
Height	Beam Diameter	FC
3.3'	1.8'	403.3
6.6'	3.6'	100.8
9.8'	5.4'	44.8
13.1'	7.2'	25.2
16.4'	9'	16.1

**PHOTOMETRY**

**APPLICATION DATA:**

H = Height (Ceiling to ground or wall) W = Beam Width  
 L = Beam Length  
 D = Distance  
 FC = Foot Candles

\*Fixture calculated at aiming point (90°) to horizontal surface.



Horizontal Angle

Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)

No Tilt

Angel A'' = 30°

Angel A'' = 30°

Angel A'' = 45°

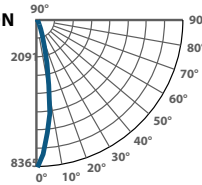
Angel A'' = 60°

**13124-L14-BK-15-30K - SPOT - 3000K**

**System Power** :18.2W  
**Test Date** :7/2018  
**Beam Angle 50%** :18.7°  
**Field Angle 10%** :35.9°  
**Color Temperature** :2949K  
**CRI** :92  
**R9 Value** :49.8  
**Lumens Delivered** :1166lm  
**CBCP** :8365cd  
**Power Factory** :0.84

F	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
4.0'	675	1.2	1.2'	4.0'	2.2'	98	2.1'	2.4'	2.0'	3.5'	75	1.8'	4.3'	2.0'	2.0'	213	1.3'	1.9'	4.0'	2.3'	95	2.1'	2.5'
6.0'	274	1.8'	1.8'	5.0'	2.8'	62	2.6'	3.0'	3.0'	5.2'	33	2.7'	6.4'	3.0'	3.0'	93	1.9'	2.9'	5.0'	2.9'	61	2.6'	3.1'
8.0'	148	3.0'	2.5'	6.0'	3.4'	43	3.1'	3.7'	4.0'	6.9'	18	3.6'	8.6'	4.0'	4.0'	52	2.6'	3.8'	6.0'	3.5'	42	3.2'	3.7'
10.0'	92	3.1'	3.1'	7.0'	4.0'	31	3.6'	4.3'	5.0'	8.7'	12	4.5'	10.8'	5.0'	5.0'	33	3.2'	4.8'	7.0'	4.0'	31	3.7'	4.3'
12.0'	63	3.8'	3.8'	8.0'	4.6'	23	4.2'	5.0'	6.0'	10.4'	8	5.5'	12.9'	6.0'	6.0'	23	3.9'	5.8'	8.0'	4.6'	24	4.2'	4.9'

CANDELA TABULATION



CCT Multipliers

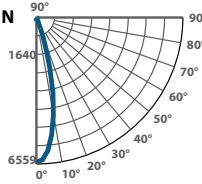
4000K	1.02
3500K	1.01
2700K	0.96

**13124-L14-BK-25-30K - N.FLOOD - 3000K**

**System Power** :18.4W  
**Test Date** :7/2018  
**Beam Angle 50%** :26.0°  
**Field Angle 10%** :42.9°  
**Color Temperature** :2967K  
**CRI** :92  
**R9 Value** :50.2  
**Lumens Delivered** :1420.9lm  
**CBCP** :6559cd  
**Power Factory** :0.84

F	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
4.0'	138	2.4'	2.4'	4.0'	2.2'	89	2.7'	3.2'	2.0'	3.5'	68	2.4'	6.5'	2.0'	2.0'	194	1.7'	2.6'	4.0'	2.3'	87	2.8'	3.3'
5.0'	87	3.0'	3.0'	5.0'	2.8'	57	3.4'	4.1'	3.0'	5.2'	30	3.6'	9.8'	3.0'	3.0'	85	2.5'	3.9'	5.0'	2.9'	55	3.5'	4.1'
6.0'	60	3.6'	3.6'	6.0'	3.4'	39	4.1'	4.9'	4.0'	6.9'	17	4.8'	13.1'	4.0'	4.0'	47	3.4'	5.2'	6.0'	3.5'	38	4.2'	4.9'
7.0'	44	4.2'	4.2'	7.0'	4.0'	29	4.8'	5.7'	5.0'	8.7'	11	6.0'	16.5'	5.0'	5.0'	30	4.2'	6.6'	7.0'	4.0'	28	4.8'	5.8'
8.0'	33	4.8'	4.8'	8.0'	4.6'	21	5.6'	6.6'	6.0'	10.4'	7	7.2'	19.8'	6.0'	6.0'	21	5.1'	7.9'	8.0'	4.6'	21	5.5'	6.6'

CANDELA TABULATION



CCT Multipliers

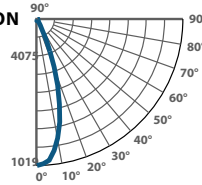
4000K	1.02
3500K	1.01
2700K	0.96

**13124-L14-BK-40-30K - FLOOD - 3000K**

**System Power** :18.0W  
**Test Date** :7/2018  
**Beam Angle 50%** :33.9°  
**Field Angle 10%** :53.4°  
**Color Temperature** :2957K  
**CRI** :91.9  
**R9 Value** :48.4  
**Lumens Delivered** :1408.3lm  
**CBCP** :4074cd  
**Power Factory** :0.85

F	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
4.0'	102	3.0'	3.0'	4.0'	2.2'	66	3.4'	4.1'	2.0'	3.5'	51	3.0'	10.4'	2.0'	2.0'	144	2.1'	3.5'	4.0'	2.3'	63	3.5'	4.2'
5.0'	65	3.8'	3.8'	5.0'	2.8'	42	4.3'	5.2'	3.0'	5.2'	22	4.5'	15.7'	3.0'	3.0'	63	3.2'	5.2'	5.0'	2.9'	41	4.3'	5.3'
6.0'	45	4.5'	4.5'	6.0'	3.4'	29	5.2'	6.3'	4.0'	6.9'	12	6.0'	21.3'	4.0'	4.0'	35	4.2'	7.0'	6.0'	3.5'	28	5.2'	6.3'
7.0'	33	5.3'	5.3'	7.0'	4.0'	21	6.0'	7.3'	5.0'	8.7'	8	7.5'	26.4'	5.0'	5.0'	22	5.3'	8.8'	7.0'	4.0'	21	6.1'	7.4'
8.0'	25	6.1'	6.1'	8.0'	4.6'	16	7.0'	8.5'	6.0'	10.4'	5	9.0'	31.7'	6.0'	6.0'	15	6.4'	10.5'	8.0'	4.6'	16	7.0'	8.4'

CANDELA TABULATION



CCT Multipliers

4000K	1.02
3500K	1.01
2700K	0.96