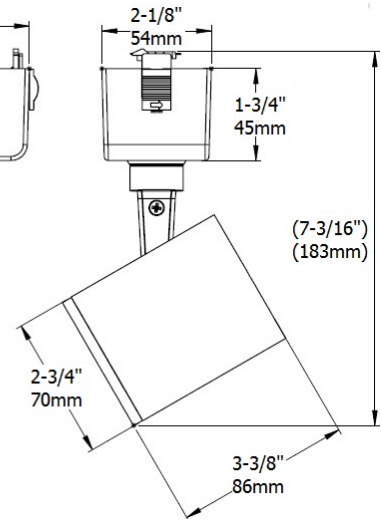
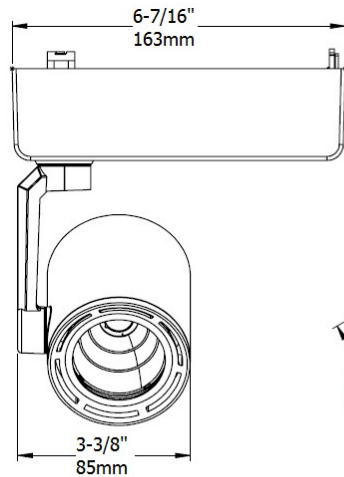
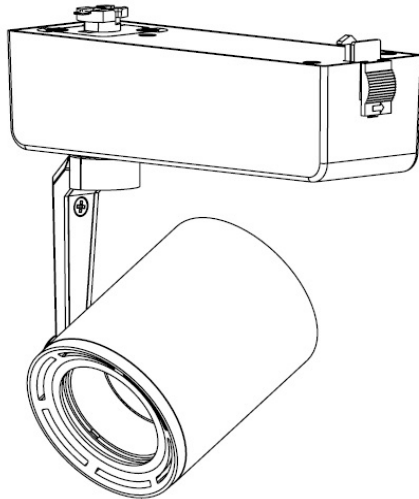




L516S

120V LED TRACK LUMINAIRE

Type	
Project	
Catalog No.	



DESCRIPTION

Line voltage LED track fixture suitable for retail, commercial and hospitality general lighting, accent and display applications.

CONSTRUCTION

Complete die-cast construction.
No exposed wiring.
Powder coat paint.
330° horizontal, 90° vertical aim adjustment.

MOUNTING

Provides electrical and mechanical connection to track.

ELECTRICAL

Input 120VAC 50/60Hz
Input Power 18W
Efficacy 82 lm/W
Power Factor >0.9
Dimming Range^a 1% ~ 100%, refer to recommended dimmers list
LE (leading edge or forward-phase)
TE (trailing edge or reverse-phase)

LED

CCT 2700K, 3000K, 3500K, 4000K
CRI 80 (2700K, 3000K, 3500K, 4000K)
90 (2700K, 3000K, 4000K)
97 (2700K, 3000K)

Color Control 3-step MacAdam ellipse
Refer to [Color Code Selection Guide](#) for available selections.
Luminous Flux 1476 lm @ 3000K, 80CRI

Optics

Ordered Separately. Field Changeable.

RFL516S-SP Narrow (25°)
RFL516S-FL Medium (40°)
RFL516S-WF Wide (55°)
L516SSNT Snoot
BD072 Barn Door

Passive thermal management provides silent operation to yield over 70% lumen maintenance for a minimum of 50,000 operation hours in 25°C (77°F) ambient.

LABELS

cETLus Listed

WARRANTY

5 Years

ORDERING INFORMATION

SYSTEM	SERIES	Color Code		FINISH
		CCT	CRI	
H2 = H1 or H2 Track	L516S	27 – 2700K	80 – 80	B – Black
L2 = L1 or L2 Track		30 – 3000K	90 – 90	W – White
J2 = J1 or J2 Track		35 – 3500K	97 – 97	
		40 – 4000K		

Notes:
^aExpressed in percentage of setting current

JESCO
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COLOR CODE SELECTION GUIDE

CCT	CRI	Color Code
2700K	80	2780
	90	2790
	97	2797

CCT	CRI	Color Code
3000K	80	3080 [§]
	90	3090
	97	3097

CCT	CRI	Color Code
3500K	80	3580

CCT	CRI	Color Code
4000K	80	4080 [§]
	90	4090

§QuickShip

RECOMMENDED DIMMERS

Manufacturer	Model
Cooper ¹	DLC03P
	DAL06P
	SLC03P
Lutron ²	S-603PG
	DVCL-153P
	DV-600P
	TGCL-153P

Manufacturer	Model
Lutron	SELV-300P
	TG-600P
	LG-600P
	S-600P
	MAELV-600
	FAELV-500
	DVELV-303P

Manufacturer	Model
Leviton ³	IPI06-1LZ
	IPE04
	VPE06
	6683-IW
	6161
	6633-P
Lightolier ⁴	ZPE260QEW

JESCO recommends testing your unique dimming configuration as the exact application may affect dimming performance.

APPLICATION DATA

CCT Correction Factor

CCT	CRI	Factor
2700K	80	0.95
	90	0.76
	97	0.52

CCT	CRI	Factor
3000K	80	1.00
	90	0.77
	97	0.57

CCT	CRI	Factor
3500K	80	1.02

CCT	CRI	Factor
4000K	80	1.04
	90	0.88

Notes and Definitions:

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

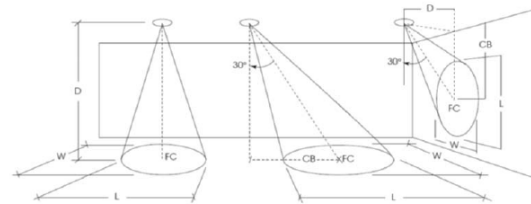
D = Distance to floor or wall.

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
NARROW 25° CBCP = 5786	D FC L W	D FC L W CB	D FC L W CB	D FC L W CB
	5.0' 226 2.2 2.2	5.0' 150 3.0 2.6 2.9	3.0' 80 6.2 2.7 5.2	3.0' 418 1.8 1.5 1.7
	7.5' 100 3.3 3.3	7.5' 67 4.5 3.8 4.3	4.0' 45 8.3 3.5 6.9	4.0' 235 2.4 2.0 2.3
	10.0' 57 4.4 4.4	10.0' 38 6.0 5.1 5.8	5.0' 29 10.4 4.4 8.7	5.0' 150 3.0 2.6 2.9
	12.5' 36 5.5 5.5	12.5' 24 7.5 6.4 7.2	6.0' 20 12.5 5.3 10.4	6.0' 104 3.6 3.1 3.5
MEDIUM 40° CBCP = 3004	D FC L W	D FC L W CB	D FC L W CB	D FC L W CB
	5.0' 119 3.8 3.8	5.0' 78 5.1 4.2 2.9	3.0' 42 14.5 4.4 5.2	3.0' 217 3.0 2.5 1.7
	7.5' 53 5.7 5.7	7.5' 35 7.6 6.3 4.3	4.0' 23 19.3 5.8 6.9	4.0' 122 4.1 3.4 2.3
	10.0' 30 7.6 7.6	10.0' 20 10.2 8.4 5.8	5.0' 15 24.2 7.3 8.7	5.0' 78 5.1 4.2 2.9
	12.5' 19 9.5 9.5	12.5' 12 12.7 10.5 7.2	6.0' 10 29.0 8.7 10.4	6.0' 54 6.1 5.0 3.5
WIDE 55° CBCP = 2049	D FC L W	D FC L W CB	D FC L W CB	D FC L W CB
	5.0' 82 5.2 5.2	5.0' 53 7.6 6.0 2.9	3.0' 28 66.8 6.2 5.2	3.0' 148 4.6 3.6 1.7
	7.5' 36 7.9 7.9	7.5' 24 11.4 9.0 4.3	4.0' 16 89.1 8.3 6.9	4.0' 83 6.1 4.8 2.3
	10.0' 20 10.5 10.5	10.0' 13 15.3 12.0 5.8	5.0' 10 111.3 10.4 8.7	5.0' 53 7.6 6.0 2.9
	12.5' 13 13.1 13.1	12.5' 9 19.1 15.0 7.2	6.0' 7 133.6 12.5 10.4	6.0' 37 9.2 7.2 3.5

Notes:

¹Cooper is a registered trademark of Eaton

²Lutron is a registered trademark of Lutron Electronics, Inc.

³Leviton is a registered trademark of Leviton Mfg. Co., Inc.

⁴Lightolier is a registered trademark of Philips Lighting.

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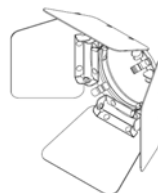
Type	
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ACCESSORIES



L516SSNTB Black
L516SSNTW White

Snoot provides a full cut-off,
reducing glare while achieving a
more directional source of light.
1-3/4"Ø x 1-5/8"H



BD072 Black

Barn door creates a theatrical look
and control spill light. Fits 72mm
max opening. Accepts 70mm filters
and/or louver.