

Complete unit
Fixture + optional accessories

A high brightness LED track solution in a multi-optic LED design. Ideal for customers concern with energy, beam quality and visual performance. Multiple accessories available to customize the light output and visual appearance of the fixture.

Project: _____

Location: _____

Cat.No: _____

Type: _____

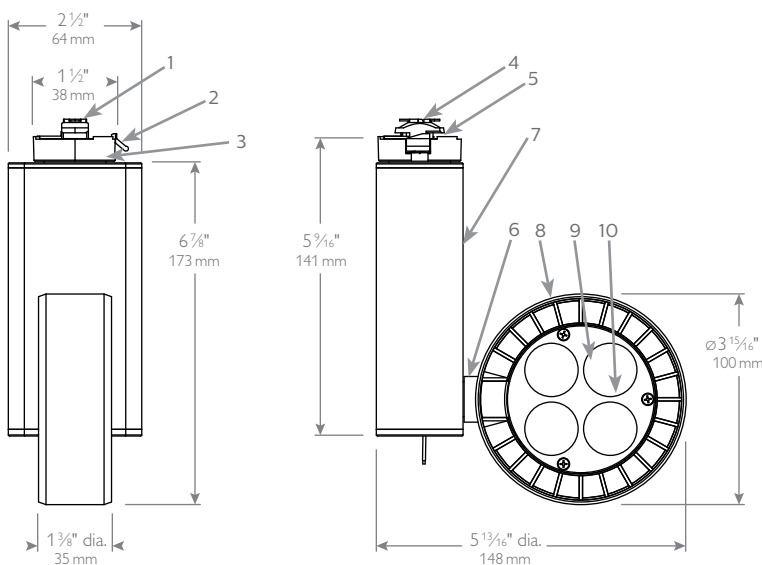
Lamps: _____ Qty: _____

Notes: _____

Fixture

example: LLABS30RSAL

Series	CCT	Reflector	Finish
LLABS			
LLABS Spot LED 10W/600lm	27 2700 K 30 3000 K	RS 9° Spot RNF 20° Narrow flood RF 36° Flood	WH White AL Aluminum BK Black



Accessories¹

example: LLABSAHBK

Series	Finish
LLABSAH Accessory holder ²	WH Matte white BK Matte black
23SN30 Compatible Snoot	WH Matte white BK Matte black AL Aluminum
AF3 Compatible Diffusion Filters	
ADF3 Compatible Color Filters ³	
AL3HC Compatible Hex cell louver (matte black)	

- Accessories are not Energy Star qualified.
- Accessory holder accept two accessories.
- Color filters will project colored light on ceiling.

Features

- Track attachment fitting:** Molded polycarbonate. Integral color in gray, black or white. Rotates into track and locks into place with the use of push tab.
- Push tab:** Molded polycarbonate. Locks and detaches unit.
- Track adapter housing:** Die cast aluminum. Steel eyelet friction connection. Rotates 350°.
- Movable contact:** Solid Brass. Extends for connection to 2nd circuit in Advent track.
- Ground contact:** Solid Brass.
- Vertical pivot mount:** Stainless steel eyelet friction connection. Rotates +/- 90° from vertical aim to floor.
- Driver housing:** Extruded aluminum with die cast aluminum end caps.
- Integrated heat sink:** Die cast aluminum effectively cools LEDs providing a minimum 50,000 hour lifetime at 70% lumen maintenance.
- Light source:** 4 high brightness white led. 80-85 CRI, LEDs selected for tight color consistency between luminaires single 3-step MacAdam ellipse max.
- Optic assembly:** Efficient TIR (total internal reflection) optically clear thermoplastic lenses held securely by frosted translucent thermoplastic holder. Positive securement into luminaire with screws and accurately positioned on LEDs with locating pins. Prevents dust and contaminants from entering led compartment.

LLABS Spot LED

10W/600lm

Electrical

Electronic power supply

Input voltage: 120V, 50/60Hz

Input power: 9.9W (nominal)

High power factor: >0.9

CRI: 85 (typical)

Lumen maintenance:

>70% of initial lumens @ 50,000 hours.

Photometric performance:

Tested in accordance to LM79.

4 LED array: 3000K (Luxeon T)

Reflector	Beam sprd	Lms	Efficacy	CBCP
RS	9°	643	64	16,586
RNF	20°	654	65	3,461
RF	36°	629	63	1,501

Mounting

Lytespan Basic, Advent, Radius track, and monopoints. May be used with Lytespan to ProSpec adaptor 26075BK/WH when ProSpec track is preferred.

Dimming

Trailing edge (ELV) dimming
(refer to LED-DIM spec sheet for more details.)

ZP425QE Lightolier Controls (28.4%)

SELV-300P-WH Lutron Skylark (10.7%)

IPE04-ILX Leviton Decora (7.2%)

Finish

Powder coated finish.

Labels

cULus listed. 5 year warranty.

Energy Star qualified (standard product).



Accessories

1. Fixture kit
2. Diffusion filter
3. Hex cell louver
4. Snoot
5. Accessory holder



Spot LED track offers a full range of high performance accessories for tinting, coloring and shaping of the light beam. All accessories are designed to attach easily. A complete accessory consists of a size and series suffix.

Example, **AF3 + UV = AF3UV** (3 3/4" UV Filter).

Diffusion/special filters

AF3 = 3 3/4" dia.

- UV** Optivex UV reduction by Bausch & Lomb
- FR** Frosted etched lens
- SF** Solite soft focus lens
- LF** Light Frost
- AS** Beam elongator lens

Mixing colors

Filters shown together mix to white.

- SP** Surprise pink
- SB** Steel blue
- DA** Daylight color correction
- LS** Light straw
- BA** Bastard amber

Color filters

ADF3 = 3 3/4" dia.

Primary colors

- RD** Red
- BL** Blue
- GR** Green

Secondary colors

- MM** Medium magenta
- BG** Blue green
- YG** Yellow green
- MA** Medium amber

(color filters will project colored light on ceiling)

Hex cell louvers

AL3HC = 3 3/4" dia.



AL3HC
only available
in matte black

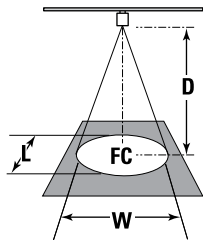
LLABS Spot LED

10W/600lm

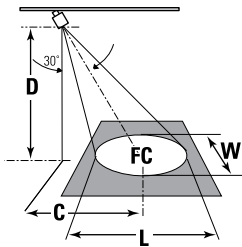
Aiming angle

L and W are the outer points where the candle power drops to 50% of the maximum. FC are the initial foot-candles at the center of the beam. Data shown is for 3000K, for 2700K multiply FC by 0.91.

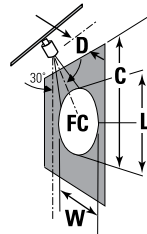
L = Beam length
W = Beam width
D = Distance
A = Aiming angle
FC = Footcandles
C = Distance to center beam
CBCP = Center Beam Candle Power



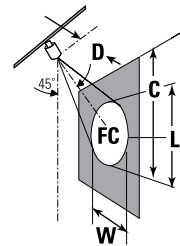
0° horizontal aiming angle



30° horizontal aiming angle



30° vertical aiming angle



45° vertical aiming angle

		Beam spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
LLABS30RS Spot		9°	16,586	50,000	10'	0.0'	166	1.7'	1.7'	10'	5.8'	108	2.3'	2.0'	4'	6.9'	130	2.9'	1.4'	5'	5.0'	235	1.8'	1.2'
					12'	0.0'	115	2.1'	2.1'	12'	6.9'	75	2.8'	2.4'	5'	8.7'	83	3.6'	1.7'	6'	6.0'	163	2.1'	1.5'
					14'	0.0'	85	2.4'	2.4'	14'	8.1'	55	3.3'	2.8'	6'	10.4'	58	4.3'	2.1'	7'	7.0'	120	2.5'	1.7'
					16'	0.0'	65	2.8'	2.8'	16'	9.2'	42	3.7'	3.2'	7'	12.1'	42	5.0'	2.4'	8'	8.0'	92	2.8'	2.0'
LLAB130RNF Narrow Flood		20°	3,461	50,000	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
					5'	0.0'	138	1.9'	1.9'	5	2.9'	90	2.6'	2.2'	2	3.5'	108	3.5'	1.6'	2	2.0'	306	1.6'	1.1'
					6'	0.0'	96	2.3'	2.3'	6	3.5'	62	3.1'	2.7'	3	5.2'	48	5.3'	2.3'	3	3.0'	136	2.4'	1.6'
					7'	0.0'	71	2.7'	2.7'	7	4.0'	46	3.7'	3.1'	4	6.9'	27	7.0'	3.1'	4	4.0'	76	3.2'	2.2'
LAB130RF Flood		36°	2,319	50,000	8'	0.0'	54	3.1'	3.1'	8	4.6'	35	4.2'	3.6'	5	8.7'	17	8.8'	3.9'	5	5.0'	49	4.0'	2.7'
					D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
					5'	0.0'	93	3.5'	3.5'	5	2.9'	60	4.9'	4.1'	2	3.5'	72	9.1'	2.8'	2	2.0'	205	3.2'	2.0'
					6'	0.0'	64	4.2'	4.2'	6	3.5'	42	5.9'	4.9'	3	5.2'	32	13.6'	4.2'	3	3.0'	91	4.9'	3.0'
					7'	0.0'	47	5.0'	5.0'	7	4.0'	31	6.9'	5.7'	4	6.9'	18	18.2'	5.7'	4	4.0'	51	6.5'	4.0'
					8'	0.0'	36	5.7'	5.7'	8	4.6'	24	7.9'	6.5'	5	8.7'	12	22.7'	7.1'	5	5.0'	33	8.1'	5.0'

