LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the LTKSTBF provides high-quality, eco-friendly lighting solutions.

CONSTRUCTION

Lamp Holder: Multi-directional 3-head metal step baffle shade kit using a BR30 LED Acculamp® to shed light in desired areas of any application. Kit includes (1) 44" black track (120V), (1) floating feed, (3) BR30 LED Acculamp® lamps, and (3) adjustable track heads.

Adaptor: Low-profile injection-molded track mounting adaptor compatible with Lithonia Lighting track series (LTS), Cooper Lighting Halo® "H" L641 and L651 Track, and Hampton Bay™ Track.

Note: Lithonia Decorative Track Lighting components are not compatible with Lithonia Commercial Track Lighting components. Installation of mixed components will result in risk of shock hazard or fire, damage of fixture, failure to illuminate, and it does not meet UL standards.

Available in matte white or black.

ELECTRICAL

E-26 medium-base porcelain socket for use with Acculamp® BR30 LED lamp (3-lamps included).

Acculamp® BR30 LED Lamp - ENERGY STAR® certified

Dimensions: diameter 3.74; length 5.353; weight 0.71 lbs. All dimensions are inches.

Expected Life: 35,000 hours - L70 lumen depreciation design criteria.

Operating Temperature: -22°F to 113°F (-30°C to +45°C)

Color Temperature (CCT): 2700 K (80 CRI)

Beam Angle: Flood -110°

Electrical System: 12.5-watt (850L) high efficiency integral driver 110-120VAC.

Actual wattage may differ by +10%/-15% when operating between 110-120V +/- 10%.

Dimmable down to 10%.

LISTINGS

$_{c}$ETL$_{us}$ Listed to UL1574 Track Lighting Standard.

Dry location.

WARRANTY

3-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

Decorative Track Lighting

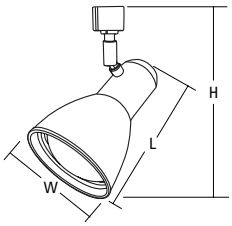
LTKSTBF LED SERIES

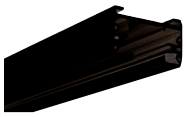
LED Lamp Step Baffle Track Kit
BR30 LED Lamp

FEATURING acculamp®

Specifications			
Lamp designation	Width	Length	Maximum height
BR30	4-7/8	7	9-1/2

All dimensions are inches (centimeters) unless otherwise indicated.





44" black track (120V)
(included)

LTFC - floating feed
(included)

LTHSTBF BR30 LED (qty 3) - adjustable track heads
(included)

ORDERING INFORMATION All configurations of this product are considered "standard" and have short lead times. **Example:** LTKSTBF BR30 LED DBL

LTKSTBF	BR30 LED	
Series	**LED, Lumen output**	**Finish**
LTKSTBF BR30 LED lamp step baffle track kit	**BR30 LED** 12.5W, 850 lumens	**DBL** Black **MW** Matte white

LED LAMP AND DIMMER COMPATIBILITY

Mfg	Cat No.	Dimming Method	Wattage	Comments
Acuity Brands-Sensor Switch	nLight NSP5 PCD 2W	Forward Phase		
Acuity Brands-Synergy	ISDELV400120WH	ISDELV400120WH	400W	
Acuity Brands-Synergy	SYPMB 6D Line voltage Module	Forward Phase		
Crestron	CLX-1DIM4	Reverse Phase		Adjust low end trim
Crestron	CLX-1DIM8	Reverse Phase		Adjust low end trim
Crestron	CLX-2DIM2	Reverse Phase		Adjust low end trim
Crestron	CLX-2DIM8	Reverse Phase		Adjust low end trim
Crestron	CLX-1DELV4	Reverse Phase		Adjust low end trim
Crestron	DIN-1DIM4	Reverse Phase		Adjust low end trim
Crestron	DIN-1DIMU4	Reverse Phase		Adjust low end trim
Crestron	CLW-DIMEX-E	Reverse Phase		Dimmer requires a direct connection to neutral to ensure operation. Enforce Crestron Min level not only to avoid flicker, but to prevent initial flashing/disortion when ramping up the fixture output.
Crestron	CLW-DIMEX-P	Reverse Phase		
Crestron	CLW-DIMSWEX-E	Reverse Phase		
Crestron	CLW-DIMSWEX-P	Reverse Phase		
Crestron	P-DIMEX	Reverse Phase		
Crestron	GLX-DIM6	Reverse Phase		Adjust low end trim
Crestron	GLXX-2DIM8	Reverse Phase		Adjust low end trim
ETC ELV 1.2KW	Paradigm Control Processor	Reverse Phase	1.2Kw	Adjust low end trim
Leviton Universal-Decora	6674P	Forward Phase	600W	Adjust low end trim
Leviton Universal-Decora	IPL06	Forward Phase	600W	Adjust low end trim
Leviton-Rotary Dial	6304	Forward Phase	300W	Lamp Base dimmer
Leviton	6633-P	Forward Phase	600W	
Leviton	6681	Forward Phase	600W	
Leviton	IPIO6	Forward Phase	600W	
Leviton	6613-P	Forward Phase	600W	
Leviton	6631-LW	Forward Phase	600W	
Leviton	6161-I	Forward Phase	500W	
Leviton	RPIO6-1	Forward Phase	600W	
Leviton	IPE04-1LZ	Reverse Phase	400W	
Lutron	TG-603P	Forward Phase	600W	
Lutron	TG-600P	Forward Phase	600W	
Lutron	AY-103P	Forward Phase	1000W	
Lutron	C-L wall mount Dimmers	Forward Phase	600W	Adjust low end trim
Lutron Maestro CL	MACL-153M	Forward Phase	600W	Adjust low end trim
Lutron Diva CL	DVCL-153PD	Forward Phase	600W	Adjust low end trim
Lutron Skylark CL	CTCL-153P	Forward Phase	600W	Adjust low end trim
Lutron	S-600P	Forward Phase	600W	
Lutron	DV-600P	Forward Phase	600W	
Lutron RadioRA2	RRD-6NA	Phase Adaptive	600W	Adjust low and high end trim. Set load to FP
Lutron HomeWorks QS	HQRD-6NA	Neutral Adaptive	600W	Adjust low and high end trim. Set load to FP
Lutron Graphic Eye QS	PHPM-PA	Reverse Phase	1920W	Adjust low and high end trim. 10W min load
Lutron Graphic Eye QS	PHPM-WBX 3 wire fluorescent	Reverse Phase	1920W	Adjust low and high end trim.
Lutron Graphic Eye QS	Main unit family	Forward Phase		
Neptun	Apollo 80005	Forward Phase	600W	

Note: Most Forward-phase dimmers have a minimum load requirement of 40-60 watts. A single 12.5W LED lamp on a 600W dimmer may flicker if the minimum load requirement is not met; consider a synthetic minimum load, LUTRON-LBX or other equivalent. This requires a 2-gang wall box and additional wiring to the dimmer.

Depending on the quantity of LED lamps on the dimming circuit, an approximate 10% to 100% dimming range may be obtainable. Most available dimmers were designed around older technology and resistive or incandescent lamp loads; therefore, performance can vary with LED load and is not guaranteed. Please see the manufacturer's instructions on dimmers for use with LED lamps and do not exceed the 150W LED load for 600W rated dimmer.

Acculamp LED–20 Amp Circuit Load

Use the table below as a guide, for the approximate quantity of Acculamp LED lamps on a typical standard 20 amp circuit (derated to 80% - 16 amps). Use a licensed electrician to determine proper wire gauges and circuit breakers according to the National Electrical Code and local codes. Do not overload circuit with more lamps than the approximate quantity shown below for a typical standard 20 amp circuit breaker for approximately 7X multiple of inrush current. Circuit breakers with higher inrush trip curve characteristics such as **High Magnetic** types are available. Consult with a licensed electrician for proper determination.

Lamp Model	Wattage	Operating Amps	Approx. Quantity
ALEBR30 850L DIM	12.5W	0.098	163

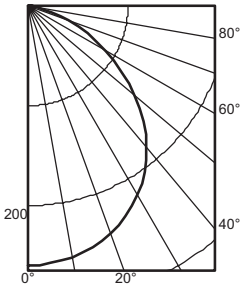
DECORATIVE TRACK LIGHTING: One Lithonia Way Conyers, GA 30012 Phone: 800-533-7728 Fax: 855-209-6364 www.lithonia.com

LTKSTBF BR30 LED Lamp Step Baffle Track Kit

PHOTOMETRICS

Distribution Curve | **Distribution Data** | **Output Data** | **Coefficient of Utilization** | **Illuminance Data at 30″ Above Floor for a Single Luminaire**

LTKSTBF BR30 LED DBL, 2700 K LEDs, input watts: 11.2, delivered lumens: 655, LM/W = 59, test no. 1339-8, tested in accordance with IESNA LM 79-08



	Ave	Lumens
0	260	
5	259	25
15	250	70
25	232	107
35	203	127
45	163	126
55	115	103
65	66	65
75	24	26
85	1	3
90	0	

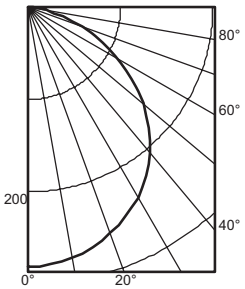
Zone	Lumens	% Lamp
0° - 30°	201.7	31.0
0° - 40°	328.7	50.5
0° - 60°	556.8	85.5
0° - 90°	651.0	100.0
90° - 180°	0.0	0.0
0° - 180°	651.0	*100.0

*Efficiency

pf / pc / pw	80% 50%	80% 30%	80% 10%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	50% 10%
0	119	119	119	116	116	116	111	111	111
1	106	102	99	104	100	97	99	97	94
2	93	87	82	91	86	81	88	83	79
3	83	75	69	81	74	68	78	72	67
4	74	65	59	72	65	59	70	63	58
5	66	58	51	65	57	51	63	56	50
6	60	51	45	59	51	45	57	50	44
7	54	46	40	53	45	40	52	45	39
8	50	41	36	49	41	36	48	40	35
9	46	38	32	45	37	32	44	37	32
10	42	34	29	42	34	29	41	34	29

Mounting Height	Inital FC Center Beam	50% beam - 63.9° Diameter	50% beam - 63.9° FC	10% beam - 106.8° Diameter	10% beam - 106.8° FC
8.0	8.6	6.9	4.3	14.8	0.9
10.0	4.6	9.4	2.3	20.2	0.5
12.0	2.9	11.9	1.4	25.6	0.3
14.0	2.0	14.4	1.0	31.0	0.2
16.0	1.4	16.8	0.7	36.3	0.1

LTKSTBF BR30 LED MW, 2700 K LEDs, input watts: 11.5, delivered lumens: 755, LM/W = 66, test no. 1339-10, tested in accordance with IESNA LM 79-08



	Ave	Lumens
0	281	
5	280	27
15	269	76
25	250	115
35	223	139
45	185	143
55	137	123
65	86	86
75	40	42
85	6	8
90	0	

Zone	Lumens	% Lamp
0° - 30°	217.8	28.7
0° - 40°	357.2	47.1
0° - 60°	622.3	82.0
0° - 90°	758.5	100.0
90° - 180°	0.0	0.0
0° - 180°	758.5	*100.0

*Efficiency

pf / pc / pw	80% 50%	80% 30%	80% 10%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	50% 10%
0	119	119	119	116	116	116	111	111	111
1	105	101	97	103	99	96	98	95	93
2	92	85	80	90	84	79	86	81	77
3	81	73	67	79	72	66	76	70	65
4	72	63	57	70	62	56	68	61	55
5	64	55	49	63	55	49	61	54	48
6	58	49	43	57	49	43	55	48	42
7	52	44	38	52	43	38	50	43	37
8	48	39	34	47	39	34	46	39	33
9	44	36	30	43	36	30	42	35	30
10	41	33	28	40	33	27	39	32	27

Mounting Height	Inital FC Center Beam	50% beam - 64.3° Diameter	50% beam - 64.3° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	9.3	6.9	4.6	15.3	0.9
10.0	5.0	9.4	2.5	20.8	0.5
12.0	3.1	11.9	1.6	26.4	0.3
14.0	2.1	14.5	1.1	31.9	0.2
16.0	1.5	17.0	0.8	37.5	0.2

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