

BEACON

MANUFACTURED IN THE UNITED STATES - IBEW



PRODUCT LISTED
BY A NATIONALLY
RECOGNIZED
TESTING
LABORATORY



The Beacon is a versatile short-to-medium throw architectural luminaire designed to deliver controlled accent lighting from track or canopy mounted installations. It delivers up to 2,800 lumens with beam control down to an exceptionally narrow 8°. This combination of high output and tight optical control allows the Beacon to deliver focused illumination where both intensity and precision are important. Multiple beam spread options provide flexibility for accent, display, and architectural applications. The Beacon is available in multiple finish and control options to support a variety of design requirements.

LED SPECIFICATIONS

- High Intensity 6mm or 9mm LES COB
- Color Temperature Options: 2400K, 2700K, 3000K, 3500K, 4000K, 5000K
- CRI: 80, 90, or 97 *

* 97 CRI only available in 2700K, 3000K, 3500K, and 4000K

CONSTRUCTION

- Aluminum housing with black, white or silver finish
- Accepts Accessories
- Weight: 3 lbs.

ELECTRICAL

- Integral electronic driver
- 120-277V, 50/60Hz
- Meets FCC 47 CFR Part 15/18 Requirements

OPTICS

- 8°, 12°, 30°, 39°, 54° or 80° 70mm TIR Lenses

DIMMING

- Trailing edge (ELV)
- Leading edge (Triac): 120V only
- 0-10V (Dims to .1%)
- D/O (0-10V Dim to off)
- DMX
- DALI
- Casambi Wireless
- Integral Potentiometer (IP)

1600 LUMENS	CRI	WATTAGE	EFFICACY
	97	14.1	113.5
	90	12	133.3
	80	10.5	152.4
2000 LUMENS	CRI	WATTAGE	EFFICACY
	97	18	111.1
	90	15.3	130.7
	80	13.4	149.3
2400 LUMENS	CRI	WATTAGE	EFFICACY
	90	18.6	129
	80	16.4	146.3
2800 LUMENS	CRI	WATTAGE	EFFICACY
	80	19.4	144.3

For 277V Trailing Edge Dimming Only

LUMENS	CRI	WATTAGE	EFFICACY
1400	97	11.0	127.3
2000	97	18.0	111.1
2200	90	16.9	130.2
2600	80	17.9	145.3

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SPECIFY:

MODEL		LUMENS	CRI
BCON		14 = 1400 ** 16 = 1600 † 20 = 2000 †† 22 = 2200 ** 24 = 2400 † 26 = 2600 ** 28 = 2800 †	80 90 97 *
COLOR TEMPERATURE		FINISH	VOLTAGE
24 = 2400K 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K		B = Black W = White S = Silver CC = Custom Color	1 = 120V 7 = 277V
OPTICS	MOUNTING	DIMMING	ACCESSORIES
8 = 8° 12 = 12° 30 = 30° 39 = 39° 54 = 54° 80 = 80°	See Mounting Options for Ordering Codes	TE = Trailing Edge LE = Leading Edge (120V only) 010 = 0-10V IP = Integral Pot DX = DMX / RDM DAL = DALI CS = Casambi Wireless	See Accessory Options for Ordering Codes

* 97 CRI only available in 2700K, 3000K, 3500K, and 4000K.

** Only available with 277V Trailing Edge dimming

† Available with all dimming types except 277V Trailing Edge

†† Available with all dimming types

NOTE: Not all combinations of lumens, CRI voltage and dimming are possible. Please refer to the specification sheet carefully. If you have any questions, please contact the factory for assistance.

EXAMPLE: BCON-20-90-35-W-1-54-AD12-LE-BD80

MODEL	LUMENS	CRI	COLOR TEMPERATURE	FINISH	VOLTAGE	OPTICS	MOUNTING	DIMMING	ACCESSORIES
BCON									

MOUNTING OPTIONS	ACCESSORIES	
DT2 2-circuit track adapter for SpecTrac databus. 120V.	BD80	Barndoor
N7 2-circuit track adapter for SpecTrac databus with Driver. 120V.	LV80	Honeycomb Louver
HDT2 2-circuit track adapter for SpecTrac databus. 277V.	OF80-9101	Smoothing Frost Filter
N8 2-circuit track adapter for SpecTrac databus with Driver. 277V.	OF80-0S20	20° Beam Filter
LP2 Low profile 2-circuit track adapter for SpecTrac databus. 120V.	OF80-1060	Linear Spread 10 x 60 Degree
AD1 Track adapter for commercial grade 1-circuit track. Good for use with small, lightweight fixtures.	OF80-0S30	Beam Soft Filter
AD12 J-Type single and dual circuit track adapter. 120V.	OF80-0S40	40/60 Degree Diffusion
TA2 Track adapter for G-Series specification grade 2-circuit track. 120V.	FX80-26	Red Filter
HTA2 Track adapter for G-Series specification grade 2-circuit track. 277V.	FX80-80	Blue Filter
TA3 Track adapter for G-Series specification grade 3-circuit track. 120V.	FX80-64	Light Blue Filter
CM4 Canopy Mount	FX80-90	Green Filter
CM7 Canopy with Driver	FX80-21	Amber Filter
CMX Canopy with Voltage Barrier for DMX	FX80-10	Yellow Filter
	FX80-33	Pink Filter
NOTES ON DIMMING Visit tslight.com/resources or scan the QR Code. 		