



The Boon LED Canopy Light has an elegant and compact design. Aluminum alloy housing and polycarbonate optical lens. It is well designed for superior illumination performance in exterior ceiling mount and canopy applications. 3000/4000/5000K selectable and power selectable. The Boon has upright as standard, which effectively reduces "cave" effect. Plug-and-play sensor is available to reduce energy demand and cost.

TECHNICAL DATA

CRI

Standard	70
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Optional	80
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CCT	Selectable 3000K/4000K/5000K
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Input Voltage	120-347VAC, 50/60Hz
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Operating Temp.	-22°F to 104°F (-30°C to 40°C)
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Driver

Standard	0-10V Dimming ¹
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Certifications	cETLus listed
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	RoHS compliant
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Power Factor	>0.9 at full load
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Harmonic Distortion	<20% at full load
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Projected Lifetime	L70 - 153,000 Hours
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IK Rating	IK08
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IP Rating	IP65
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NOTE:

1. Dimming wire is connected to sensor receptacle. Please ask an electrician to disconnect the dimming wires if they need to be used for other purposes.

FEATURES

- **High-Efficiency Performance:** Delivers up to 164lm/W. Wattage and CCT selectable for flexible application.
- **Robust Mounting & Protection:** Supports surface and pendant stem mounting with IP65 and IK08 ratings, and offers plug-and-play sensor integration.



Surface Mount

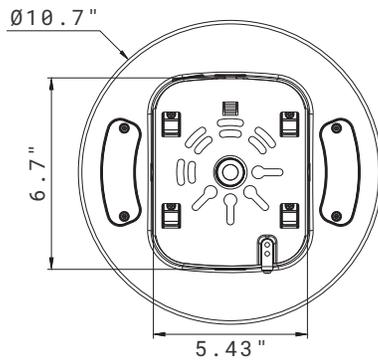
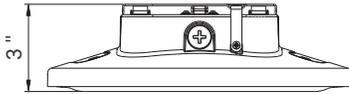


3/4" NPT Pendant Stem Mount

SPECIFICATION

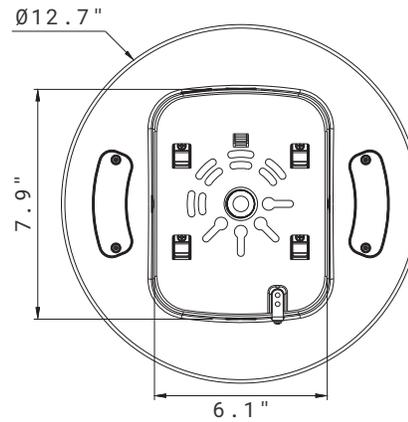
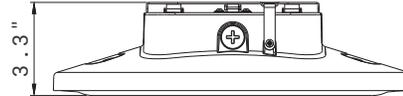
60W Selectable

Luminaire Net Weight: 2.1kg/4.63lbs



100W Selectable

Luminaire Net Weight: 2.6kg/5.73lbs



ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



HD06VCRH 3

Microwave Dimming Sensor.



HN074-01VRPH

PIR Sensor.



HD06R

Remote control for sensor.

NOTE:

1. PIR / microwave sensor intended for 40, 60, 80, 100W with 100% power output only.
2. Mounting height of 12m/39.4ft Max is for microwave and PIR motion sensor.

ORDERING INFORMATION

EXAMPLE: BOCAN-60SP-SW8-WH

BOCAN					
1. Series	2. Wattage	3. CCT	4. Voltage	5. Control	6. Finish
BOCAN	60SP Selectable 60W ¹ 45W 30W 18W 100SP Selectable 100W ² 75W 50W 30W	SW Selectable 3000K 4000K ³ 5000K	1 120-277V 8 120-347 V	BLANK with sensor receptacle	WH White (RAL9016) ⁴

NOTE:

- 60W is default setting.
- 100W is default setting.
- 4000K is default setting.
- White finish is standard. Custom color is available for a premium setup fee. Consult customer service for additional information.

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

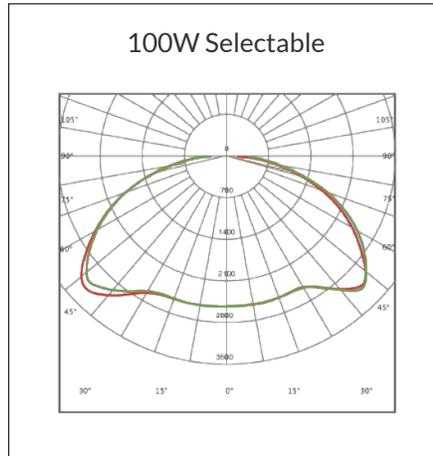
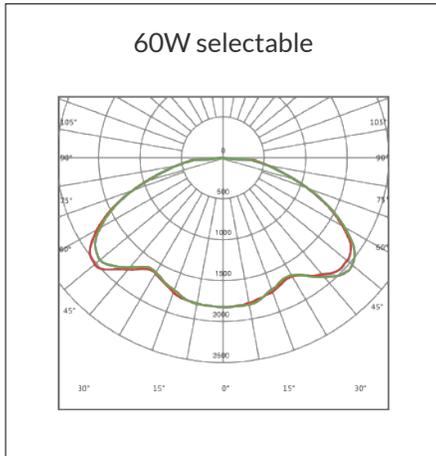
Nominal Wattage	Lumen Output	CCT	CRI	LPW
60W	9800lm	4000K	70	164
100W	16000lm	4000K	70	162

NOTE:

- Multiplier 0.9 is for 3000K; Multiplier 0.92 is for 5000K.

PHOTOMETRY

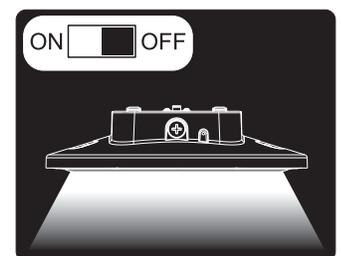
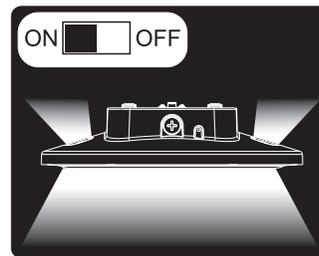
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



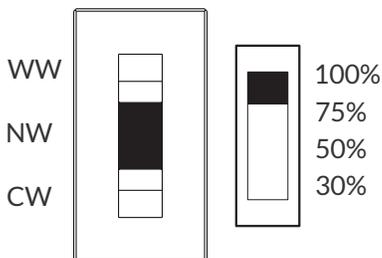
FEATURES



1 Uplight is standard, reduces cave effect



2 Wattage and CCT selectable



3 Plug-and-play sensor



MICROWAVE DIMMING SENSOR SETTING (HD06VCRH 3)

Sensor data can be precisely set for each specific application by a remote controller which need to be bought separately.

Detection area

Detection area can be reduced by selecting the combination on the remote controller to fit precisely each application.

Optional Setting: 100%/75%/50%/25%

Default Setting: 100%

Hold Time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Optional Setting: 5S/30S/1min/3min/5min/10min/20min/30min

Default Setting: 20min

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people.

When set to “+∞” mode, the low light is maintained until motion is detected.

Optional Setting: 0S/10S/30S/1min/5min/10min/30min/+∞

Default Setting: +∞

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. 50lux, 30lux: twilight operation, 10lux, 5lux: darkness operation only. Note that daylight sensor is active only when lamp totally switches off.

Optional Setting: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

Default Setting: Disable

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

Optional Setting: 10%/20%/30%/50%

Default Setting: 50%

WARRANTY

5 years limited warranty.

Specifications subject to change without notice.