

Indusun Round High Bay

High Performance Round High Bay
ISHB

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Ordering information Luminaire

Example: ISHB-100U-85060BKD-HM

ISHB-		U-850	BKD-HM
Product	Wattage	Distribution	
	100 100 W	60 60°	
	150 150 W	90 90°	
	200 200 W	120 120°	
	240* 240 W		



Product description

Indusun Round High Bay delivers exceptional performance with four lumen packages, three different lens options for mid to high ceilings, rugged, die-cast construction, and separate optical and driver assemblies for superior thermal management.

- Wide range of brightness levels and beam angles accommodates any project
- Incredible efficacy at 175 lm/W
- Easy installation with hook mount or optional trunnion
- Optional dimming or motion detection sensor DALI interface
- 5-year limited warranty

Accessories

Part number	Description
CBS-SENSOR-002	Motion sensor
CBS-MSY-002	Sensor remote control
SC-DALI-1	DALI to PWM converter
SC-DALI-2	DALI to 0-10V converter
U-BRACKET	Trunnion mounting kit

Performance summary

Wattage	100 W		150 W		200 W		240 W†	
Voltage	100-277 VAC	220 VAC	100-277 VAC	220 VAC	100-277 VAC	220 VAC	100-277 VAC	220 VAC
Current†	Max. 1.5 A	Max. inrush 80 A	Max. 1.8 A	Max. inrush 100 A	Max. 2.4 A	Max. inrush 100 A	Max. 3.0 A	Max. inrush 100 A
Lumens*	17,500		26,250		35,000		42,000	
Efficacy	175 lm/W							
UGR	<32							

* Based on 5000 K CCT.

† Input current +/- 10% (A).

‡ Available by special order. Contact SloanLED Sales.



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Product specifications

Electrical

Input voltage 100-277, 50-60 Hz

Wattage	Voltage	Current†	Lumens*	Efficacy	UGR
100 W	100-277 VAC	max. 1.5 A	17,500	175 lm/W	<32
	220 VAC	Max. inrush 80 A			
150 W	100-277 VAC	max. 1.8 A	26,250		
	220 VAC	Max. inrush 100 A			
200 W	100-277 VAC	max. 2.4 A	35,000		
	220 VAC	Max. inrush 100 A			
240 W‡	100-277 VAC	max. 3.0 A	42,000		
	220 VAC	Max. inrush 100 A			

Power factor >0.95

THD 7%

Dimming 1-10 V (DALI/motion optional)

Lighting

Beam angle 60°, 90°, or 120°

Color temperature (CCT) 5000 K

Color rendering (CRI) 80

Performance

Ingress protection IP65

IK code IK08

Operating temperature -35° C to +50° C

Life rating L₇₀ Reported >54,000 hours
L₇₀ Calculated 50,000 hours

Construction

Housing Diecast aluminum alloy

Lens Polycarbonate

Finish Black powder coat

Mounting

Surface/wall mount Trunnion

Ceiling mount Hook mount

Documentation

Warranty 5-year limited

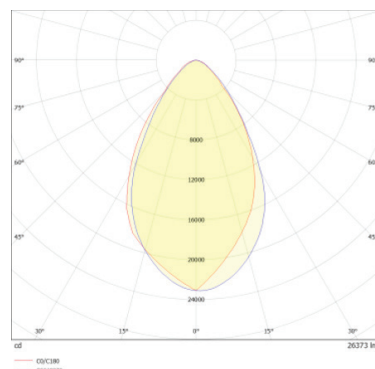
Agency listings CE, RoHS



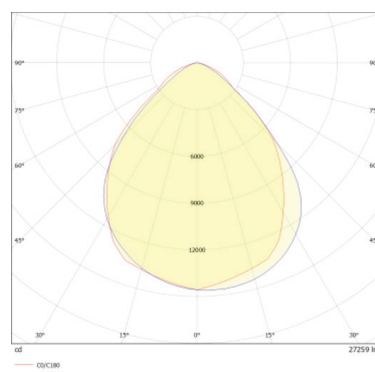
* Based on 5000 K CCT.
† Input current +/- 10% (A).
‡ Available by special order. Contact SloanLED Sales.

Photometrics

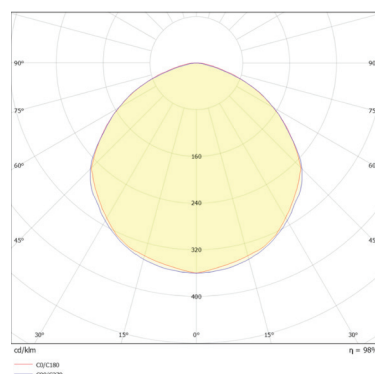
ISHB-150U-850-60-BKDHM



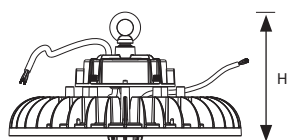
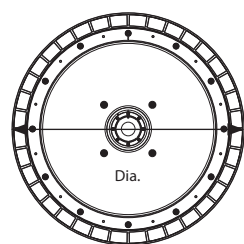
ISHB-150U-850-90-BKDHM



ISHB-150U-850-120-BKDHM



Dimensions



Wattage	Dia. x H	Weight
100 W	ø 265 x 163 mm	2.15 kg
150 W	ø 300 x 173 mm	2.65 kg
200 W	ø 340 x 178 mm	3.25 kg
240 W	ø 340 x 197 mm	3.95 kg

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Motion sensor

Part number CBS-SENSOR-002

Detection radius See radiation pattern below

Detection angle 360°

Mounting height Maximum 15 m

Time setting 10 seconds to 30 minutes (adjustable)

Light hold off 5-150 Lux (adjustable)

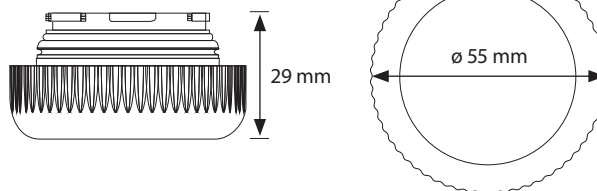
Ambient operating range* -35° C to +70° C

Operating frequency 5.8 GHz ±75 MHz, ISM band.

Dimming control output 0-10 VDC, <50 mA sink



Dimensions



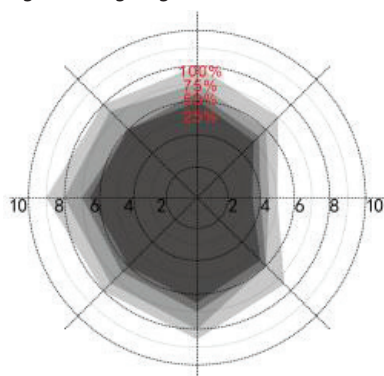
Default sensor settings

- 100% sensitivity
- Hold on time: 5 seconds
- Dimming level: 10%
- Dimming time: 30 minutes
- Settings can be changed with optional remote control (P/N: CBS-MSY-002)

Radiation pattern

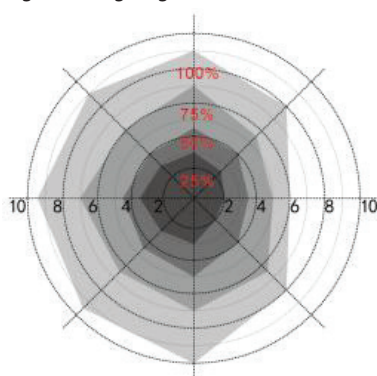
Sensitivity: 100% / 75% / 50% / 25%

Ceiling mounting height: 3 m



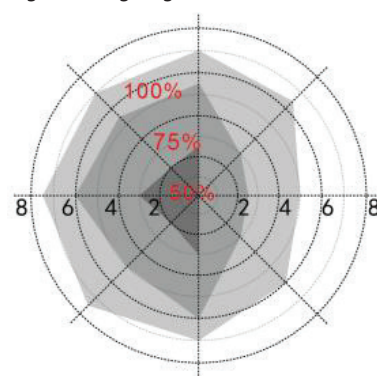
Normal movement (speed: 1 m/s)

Ceiling mounting height: 12 m

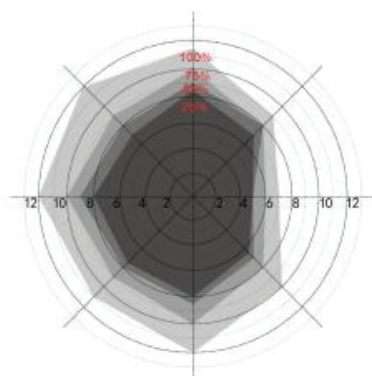


Normal movement (speed: 1 m/s)

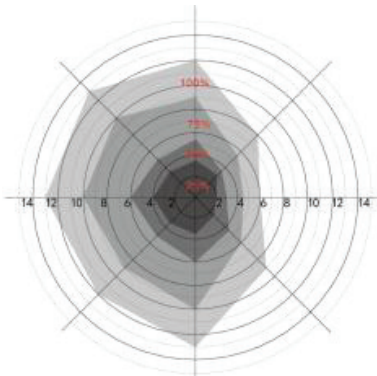
Ceiling mounting height: 15 m



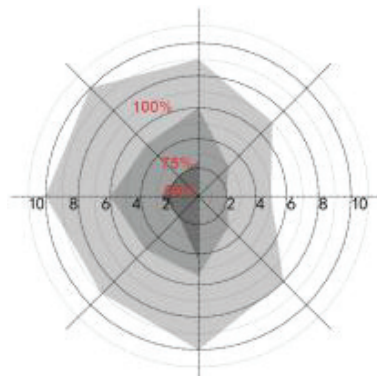
Normal movement (speed: 1 m/s)



Slow movement (speed: 0.3 m/s)



Slow movement (speed: 0.3 m/s)



Slow movement (speed: 0.3 m/s)

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Visit product page for details.