

Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

EZBY

Simple. Easy. Selectable
LED Round High Bay

Typical Applications

Light Commercial • Large Open Areas • Warehouse • Barns • Residential

Interactive Menu

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Top Product Features

- Easy lumen/power selectable packages
- Simple 3 CCT Select colors - 3000/4000/5000K
- Sensor ready port for quick plug and play install
- 120-347 volt operating range with 0-10V dimming
- IP65 rated and UL wet location listed
- Mounting ring included for rapid install
- 6ft power and dimming cords for no-hassle wiring

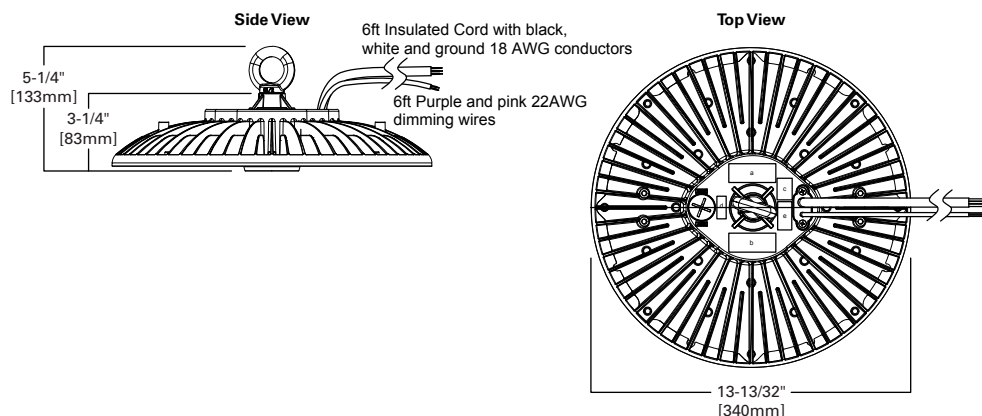
Product Certification



Product Features



Dimensional and Mounting Details



Energy and Performance Data

Default CCT/Lumen Setting: 4000K / High Power

277 Volt

Catalog Number	Voltage	Lumen Setting	Nominal CCT	Nominal Lumen	Watts (277V)	Efficacy (LPW)
EZBY-1830C3-MV-BLK	120-347V	Low	3000K	18727	122.3	153
			4000K	20439	119.1	172
			5000K	19694	122.2	161
		Medium	3000K	22783	156.7	145
			4000K	25245	151.2	167
			5000K	24235	154.2	157
		High	3000K	26490	189.2	140
			4000K	29688	181.6	163
			5000K	28566	191.0	150

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (hours)
25°C	> 84%	> 125,000

IK Rating

EZBY	IK Rating
Lens	IK08
Housing	IK08

Energy Data

Input Watts:
119/156/191W

Ambient Ratings

Lumen Package	Ambient Rating
EZBY-1830C3	50C

Operating Temp.	-40 to 50C
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Shipping Data

Catalog Number	UPC	Unit Weight (LBS)	Units per Carton	Pallet Qty.	Pallet Weight
EZBY-1830C3-MV-BLK	080083305889	8.5 lbs.	1 PC	72	650 lbs.

Product Specifications

Construction

- Diecast aluminum housing and heatsink
- Polycarbonate lens seals LED for IP65 rating
- Impact protection rating IK08 Lens and IK08 Housing

Electrical

- Selectable power switch for 3 levels of lumen output
- Selectable color switch provides 3000, 4000 and 5000 at CRI >82
- Multi-volt 120 through 347V operation
- 0-10V dimming, 10% to 100% dimming range
- Separate purple and pink 22AWG wires must be pulled from control to luminaire in order to enable 0-10V dimming function
- 6ft (72" long) long power and dimming cords provided
- Integral 6kV surge protection
- Operating temperature of -40°C to 50°C
- Default CCT/Lumen setting is 4000K and High Power

Optics

- UV stabilized polycarbonate lens
- General coverage and wide distribution

Mounting

- Mounting ring included
- Great for mounting heights between 20 and 40ft high

Compliance

- cULus listed for wet location
- IP65 rated
- IESNA LM-79 and LM-80 standards compliant
- Qualifies as State of California Title 24 nonresidential high efficiency luminaire
- FCC part 15 class A compliant
- DesignLights Consortium® Qualified and classified for DLC Premium, refer to www.designlights.org for details

Sensor

- Plug and play low-voltage sensor accessory available
- Sensor installs directly to integral fixture port
- PIR motion sensor with 0-10V control
- Wet location and IP65 rated
- Sensor coverage up to 50ft mounting height (large objects)
- Sensor remote control must be ordered separately

Emergency Pack Option

- 120-347V universal input remote emergency driver accessory available. Must be ordered separately
- Field installed EM driver wires directly to fixture and provides constant power to LED system for 90-minutes
- Test switch/indicator button can be tested safely from the ground using remote control
- EM remote control included with emergency driver accessory
- Accessory comes with grommets and mounting hardware, see EM driver spec sheet

Finish

- Standard black polyester powder coat painted after fabrication

Warranty

- Five year limited warranty

Accessories

Catalog Number	Description	Unit Carton UPC
EBP-RM40R	40W Emergency Driver, Remote Mount 120-347V White w/ remote included	080083259496
HBS1	PIR Sensor 360 Lens 60FT MH Kit	080083471171
HBS SENSOR REMOTE	HBS Sensor Remote Control	080083471188



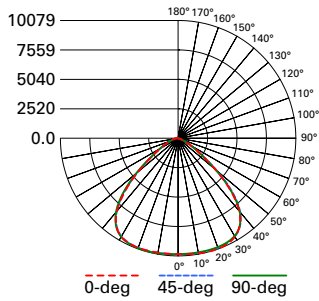
HBS1 SENSOR
Plug in sensor



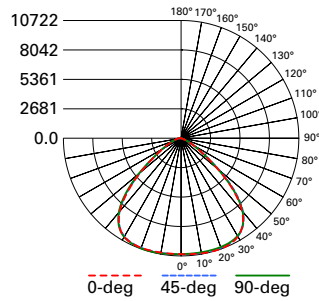
EBP-RM40R
Field installed Remote EM

Photometric Data

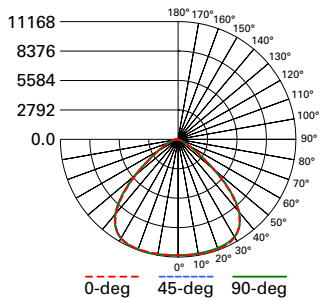
 View IES files



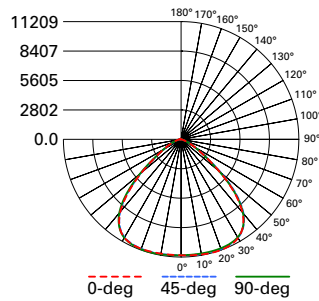
EZBY-1830C3-MV-BLK-MED-3000K-277V
 Electronic Driver
 Round Select LED 3000K
 Spacing criterion: (H) 1.42 x mounting height, (L) 1.42 x mounting height
 Lumens: 22783
 Input Watts: 157.6W
 Efficacy: 145.4 LPW
 Test Report: EZBY-1830C3-MV-BLK-MED-3000K-277V.IES



EZBY-1830C3-MV-BLK-MED-5000K-277V
 Electronic Driver
 Round Select LED 5000K
 Spacing criterion: (H) 1.42 x mounting height, (L) 1.42 x mounting height
 Lumens: 24235
 Input Watts: 157.2W
 Efficacy: 154.2 LPW
 Test Report: EZBY-1830C3-MV-BLK-MED-5000K-277V.IES

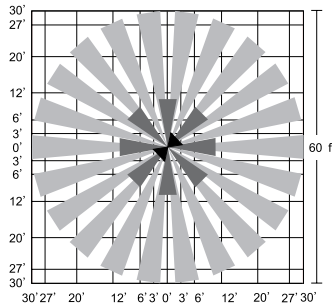
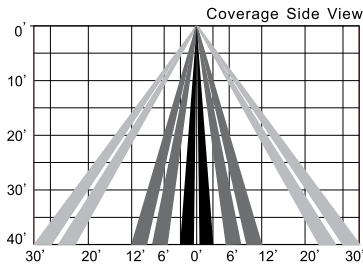


EZBY-1830C3-MV-BLK-MED-4000K-277V
 Electronic Driver
 Round Select LED 4000K
 Spacing criterion: (H) 1.42 x mounting height, (L) 1.42 x mounting height
 Lumens: 25245
 Input Watts: 151.2W
 Efficacy: 167 LPW
 Test Report: EZBY-1830C3-MV-BLK-MED-4000K-277V.IES



EZBY-1830C3-MV-BLK-MED-4000K-347V
 Electronic Driver
 Round Select LED 4000K
 Spacing criterion: (H) 1.42 x mounting height, (L) 1.42 x mounting height
 Lumens: 25336
 Input Watts: 151.8W
 Efficacy: 166.9 LPW
 Test Report: EZBY-1830C3-MV-BLK-MED-4000K-347V.IES

HBS1 Sensor Coverage



Sensor Specifications

Power supply	12V-24V DC, >30mA
Dim control output	0-10V, max. 25mA sinking current
Remote range	50ft. (15m) indoor, no backlight
Dim control output	0-10V
Detection radius	20% / 50% / 75% / 100% (1-8m)
Mounting height	Up to 50ft (15.25 m)
Time setting	10s / 1 min / 5 min / 10 min / 15 min / 20 min / 30 min / 60 min
Light-control	24H / 10 LUX / 30 LUX / 50 LUX
Sensor Operating Temp.	-40°F ~+ 158°F (-40°C ~+ 70°C)
IP rating	IP65

Sensor Modes

	Brightness	Sensitivity	Hold Time	Daylight Sensor	Stand-by Dim	Stand-by Period
MODE 1 (Default)	100%	75%	5 min	Disabled	30%	30 min
MODE 2	100%	75%	1 min	Disabled	30%	∞
MODE 3	100%	75%	5 min	30LUX	30%	30 min
MODE 4	100%	75%	1 min	(30LUX / 300LUX)	30%	∞

Notes: Warm up time 40 sec after sensor first receives input power. Fixture will stay on 40 seconds then work move to default mode.

Any setting changed by sensor remote control (order remote separately), will led lights on remote to turn on and off to confirm. See sensor instruction sheet on UHBS product page found on www.cooperlighting.com