Project	Catalog #	Туре	
Prepared by	Notes	Date	



Interactive Menu

- Energy and Performance Data page 2
- · Accessories page 2
- Photometric Data page 3
- Sensor Coverage page 3
- Product Warranty

Top Product Features

- · Easy lumen/power selectable packages
- · Sensor ready port for quick plug and play install
- 120-347 volt operating range with 0-10V dimming
- · Mounting ring included for rapid install
- · 6ft power and dimming cords for no-hassle wiring

Metalux

EZBY

Simple. Easy. Selectable LED Round High Bay

Typical Applications

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

Product Certification









Product Features



DIMMABLE







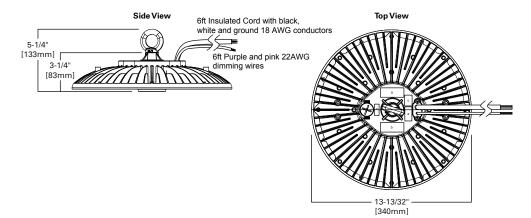




- Simple 3 CCT Select colors 3000/4000/5000K

- · IP65 rated and UL wet location listed

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)
			3000K	18727	122.3	153
		Low	4000K	0K 20439 119.1	172	
			5000K	19694	4 122.2 161 3 156.7 145	161
	120-347V	Medium	3000K	22783	156.7	145
EZBY-1830C3-MV-BLK			4000K	25245	151.2	167
			5000K	24235	154.2	157
			3000K	26490	189.2	140
		High	4000K	29688	181.6	163
			5000K	28566	191.0	150

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.

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
operating remp.	4 0 10 000

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

Senso

- 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 (1)	40W Emergency Driver, Remote Mount 120-347V White w/ remote included	080083259496		
UHBS-SENSOR PK (1)	PIR Sensor 360 Lens 60FT MH Kit	080083257898		
UHBS SENSOR REMOTE	UHBS Sensor Remote Control	080083260249		

Notes: (1) To meet state and local codes, EBP cannot be used with EZBY with sensor or with UHBS sensor accessory.



SENSOR (1) Plug in sensor



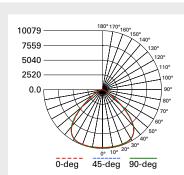
EBP-RM40R (1) Field installed Remote FM



Metalux

Photometric Data





EZBY-1830C3-MV-BLK-MED-3000K-277V

Electronic Driver

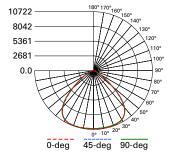
Round Select LED 3000K

Spacing criterion: (II) 1.42 x mounting height, (⊥) 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

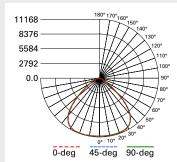
Round Select LED 5000K

Spacing criterion: (II) 1.42 x mounting height, (\perp) 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

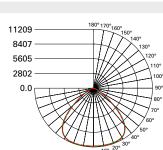
Round Select LED 4000K

Spacing criterion: (II) 1.42 x mounting height, (⊥) 1.42 x mounting height

Lumens: 25245 Input Watts: 151.2W Efficacy: 167 LPW

Test Report: EZBY-1830C3-MV-BLK-

MED-4000K-277V.IES



45-deg 90-deg

0-deg

EZBY-1830C3-MV-BLK-MED-4000K-347V

Electronic Driver

Round Select LED 4000K

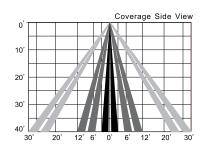
Spacing criterion: (II) 1.42 x mounting height, (⊥) 1.42 x mounting height

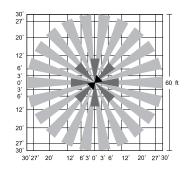
Lumens: 25336 Input Watts: 151.8W Efficacy: 166.9 LPW

Test Report: EZBY-1830C3-MV-BLK-

MED-4000K-347V.IES

Sensor Coverage





Sensor Specifications

Selisor 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				

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

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%	œ
MODE 3	100%	75%	5 min	30LUX	30%	30 min
MODE 4	100%	75%	1 min	(30LUX /300LUX)	30%	œ

www.cooperlighting.com