

Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

Elevate High Bay

LED Round High Bay

Typical Applications

Retail • Commercial • Grocery • Multipurpose • Industrial • High / Low Bay Applications

Product Certification



Product Features



Interactive Menu

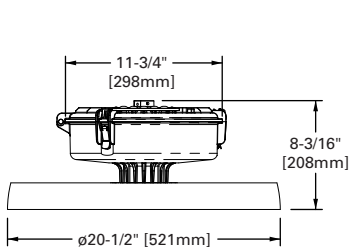
- Ordering Information [page 2](#)
- Energy and Performance Data [page 4](#)
- Product Warranty

Top Product Features

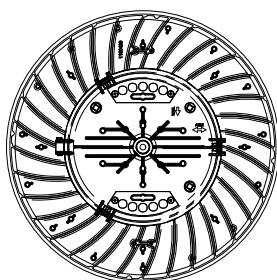
- UGR (unified glare ratio) as low as 14 without the need for a refractor.
- Rated life per TM21 standards – >L97 @60,000 hours
- Powder coat finishes are available in white, black, silver and gray.
- Numerous integrated control options including Wavelinx LITE, Wavelinx PRO and other third-party systems.
- Delivering up to 60K lumens downlight and up to 4000 uplight lumens
- Best in class optical control delivering more FCs with lower watts
- Round die-cast aluminum housing adds durability and improved thermal control to improve driver life.
- TruEgress integrated emergency lighting optimized to increase fixture spacing and reduce installation costs.
- MWS simplifies installation with quick connect wiring to reduce installation time and labor.

Dimensional and Mounting Details

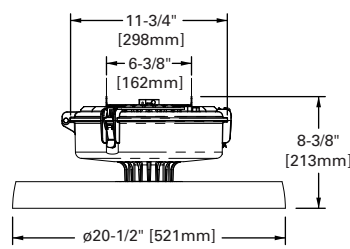
Single Point Mount



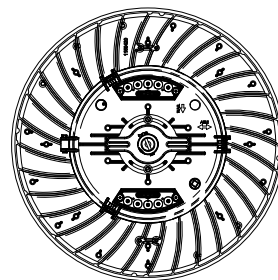
Single Point Mount
Top View



ADMT Mount



ADMT Mount
Top View



ADMT Mount (side view)
(cables ordered separately)



ADMT Mount (top view)
(cables ordered separately)



Order Information

SAMPLE ORDER NUMBER: **EHBR1-360-UNV-M-L840-CD-EEM2-UNV-GT**

Series	LED Lumen Output	Voltage	Distribution	CRI/CCT ⁽⁴⁾	Driver Type
EHBR1 =Elevate Round High Bay	12 =12,000 lumens ^{(1),(2)} 18 =18,000 lumens 24 =24,000 lumens 30 =30,000 lumens 36 =36,000 lumens 42 =42,000 lumens 48 =48,000 lumens 54 =54,000 lumens ⁽¹⁾ 60 =60,000 lumens ⁽¹⁾	UNV =Universal Voltage 120-277 UNC =347-480 ⁽³⁾ 347V =347 Volt 480V =480 Volt	N =Narrow M =Medium W =Wide TA =truAisle TASM =Asymmetric	L830 =80 CRI, and 3000 CCT L835 =80 CRI, and 3500 CCT L840 =80 CRI and 4000 CCT L850 =80 CRI and 5000 CCT L930 =90 CRI, and 3000 CCT L935 =90 CRI, and 3500 CCT L940 =90 CRI and 4000 CCT L950 =90 CRI and 5000 CCT	CD =0-10V Dimming SLTD =Fifth Light DALI ^{(5),(6),(7)}
	Notes (1) 12, 54, and 60 lumens not available with EBP-RM40R. (2) 12 UNC with sensor requires transformer & switchpack.	Notes (3) EBP-RM40R not available with SLTD @ 347V-480V.		Notes (4) Selected CRI/CCT applies to both Downlight and Uplight options.	Notes (5) SLTD at 347V-480V not available with EL14W and EL20W and Uplight. (6) Sensors not available with SLTD option. (7) EBP-RM40R not available with SLTD @ 347V-480V.

Uplight	Uplight Lumens	Emergency Lighting Devices ⁽¹¹⁾	truEgress Option	Paint	Mounting
[Blank] =No Uplight UPL =Optional Uplight UPLS =Uplight with separate power	[Blank] =No Uplight 12 =1,200 lumens 15 =1,500 lumens 18 =1,800 lumens 24 =2,400 lumens 30 =3,000 lumens 36 =3,600 lumens 40 =4,000 lumens	[Blank] =No Emergency EL20WHV-REM =20-watt 120V-277V emergency battery pack remote mounted ^{(10),(14)} GTD10DIM =EM transfer device with dimming ⁽¹⁵⁾ EBP-RM40R =40W Emergency Driver, Remote Mount 120-277V White w/ remote included ^{(9),(12)} EL14WHV-REM =14-watt 120V-277V emergency battery pack, remote mounted ^{(10),(14)} NVM-25W-ADSD =25 watt micro inverter, remote mount NVM-50W-ADSD =50 watt micro inverter, remote mount	[Blank] =no truEgress emergency EEM_ =refer to truEgress table on next page to configure EEM option	[Blank] =White GRY =Gray BLK =Black SLV =Silver Metallic	[Blank] =3/4" NPT internal thread with locking screw (order mounting hardware separately) ADMT =AlwaysAlign adjustable mounting bracket (2 point suspension) ^{(15),(16)}
Notes (8) EBP-RM40R not available with SLTD @ 347V-480V.		Notes (9) 12, 54, and 60 lumens not available with EBP-RM40R. (10) EL14W-REM and EL20W-REM damp location only. (11) Emergency options not available in 480V. (12) EBP-RM40R not available with SLTD @ 347V-480V. (13) GTD not rated for 480V. (14) Rated for damp location only.			Notes (15) Suspension cables not included. (16) ADMT not compatible with SHK or FL-1 mounting.

Fixture Cord Options	Controller / Sensor ⁽²¹⁾	Surge Protector	Glass	Packaging
[Blank] =None C3(1) =1 Circuit, 3 ft. Cord no Plug C3(2) =2 Circuit, 3 ft. Cord no Plug C6(1) =1 Circuit, 6 ft. Cord no Plug C6(2) =2 Circuit, 6 ft. Cord no Plug PC3/120 =3ft Cord with NEMA L5-15P Plug PC3/277 =3ft Cord with NEMA L7-15P Plug PC3/347 =3ft Cord with NEMA L24-20P Plug PC3/480 =3ft Cord with NEMA L8-20P Plug PC6/120 =6ft Cord with NEMA L5-15P Plug PC6/277 =6ft Cord with NEMA L7-15P Plug PC6/347 =6ft Cord with NEMA L24-20P Plug PC6/480 =6ft Cord with NEMA L8-20P Plug C3DIM =3ft cord, single circuit with 0-10V dimming C6DIM =6ft cord, single circuit with 0-10V dimming	[Blank] =None WPS4 =WaveLinX PRO Wireless Sensor, 1200 sq. ft. coverage ^{(21),(22),(23)} WPN = WaveLinX PRO Wireless Node without sensor WLS4-HB2 =Wavelinx LITE Wireless Sensor, 15' - 40' Mounting Height ^{(21),(22)} WLS4 =WaveLinX LITE, Dimming Motion and Daylight, Bluetooth Programmable, 15' -40' Mounting SP1 =Sensor Port, used with HBS1 and WLS4-HB2 Sensor accessories HBS1 =PIR Sensor w/ 360 Lens, Occupancy and Daylight dimming factory installed	[Blank] =6KV 10KV =10KV	[Blank] =None TGO = Tempered Glass Overlay option	U =Unit Pack PALC =Job Pack, in carton
Notes (17) 12, 54, and 60 lumens not available with EBP-RM40R. (18) EL20W-REM damp location only. (19) Emergency options not available in 480V. (20) EBP-RM40R not available with passive downlight. Not available with SLTD @ 347V-480V.	Notes (21) Sensor not available when ordering SLTD option. (22) WLS sensor to be used with CD/HCD driver. (23) WPS sensor to be used with CD/HCD or W2A driver.			

Accessories

LOOP-10=Ten Foot Loop Hanger, #2 Safety Cable
LOOP-30=Thirty Foot Loop Hanger, #2 Safety Cable
EHBR1-CLR3=Clear Refractor, 3 inch
EHBR1-FRR3=Frosted Refractor, 3 inch
EHBR1-CLR6=Clear Refractor, 6 inch
EHBR1-FRR6=Frosted Refractor, 6 inch
SHK/IP=IP Rated Fixture Hook
HBS1=PIR Sensor w/ 360 Lens, Occupancy and Daylight dimming ⁽²⁴⁾
ADMT-KIT=AlwaysAlign adjustable mounting bracket field install kit (2 point suspension)

Notes

(24) Requires fixture to be ordered with SPI Port.

Order Information

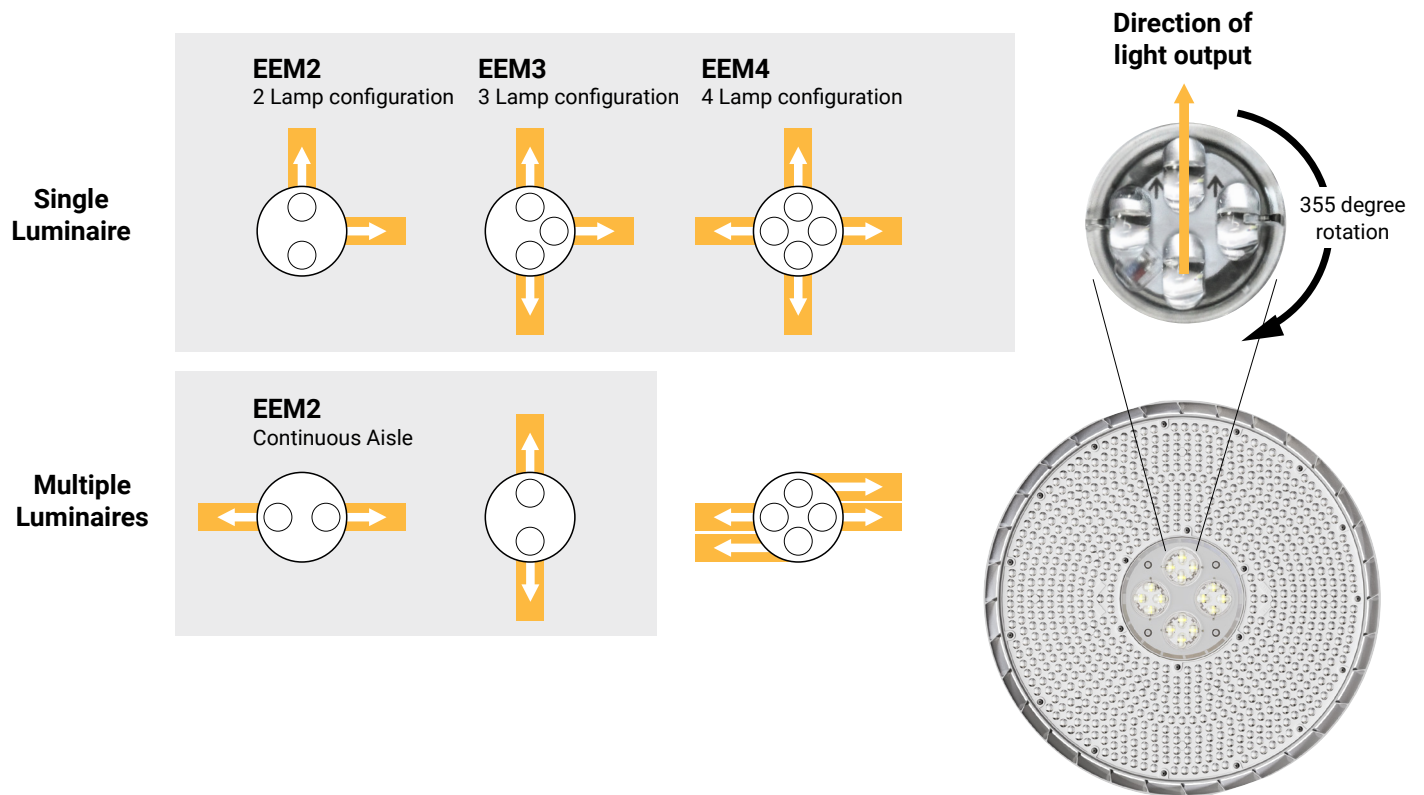
truEgress Option

EEM Module	EEM Voltage ⁽²⁶⁾	Power Source	EEM Cord Options ⁽³⁰⁾
EEM2 =2 Qty truEgress emergency pucks, 14W EEM3 =3 Qty truEgress emergency pucks, 21W ⁽²⁵⁾ EEM4 =4 Qty truEgress emergency pucks, 28W ⁽²⁵⁾	UNV =Universal Voltage 120-277 347V =347 Volt 480V =480 Volt	[Blank] =Alternate Power by others ⁽²⁷⁾ GTD =Generator Transfer Device (required when using secondary power source) EBPREM14 =Remote Battery for powering EEM2 pucks ⁽²⁹⁾ EBPREM20 =Remote Battery for powering EEM3 pucks ^{(28), (29)} EBPREM28 =(2) 14W Remote Batteries for powering EEM4 pucks ⁽²⁹⁾ EEM must be used in conjunction with UL 1008 device and UL 924 Relay (provided by others) when powered from a generator, inverter, or other alternate power source.	[Blank] =No EEM Cord C3 =1 Circuit, 3 ft. Cord no Plug C6 =1 Circuit, 6 ft Cord no Plug PC3/120 =3ft Cord with NEMA L5-15P Plug PC3/277 =3ft Cord with NEMA L7-15P Plug PC3/347 =3ft Cord with NEMA L24-20P Plug PC3/480 =3ft Cord with NEMA L8-20P Plug PC6/120 =6ft Cord with NEMA L5-15P Plug PC6/277 =6ft Cord with NEMA L7-15P Plug PC6/347 =6ft Cord with NEMA L24-20P Plug PC6/480 =6ft Cord with NEMA L8-20P Plug
Notes (25) EEM3 and EEM4 not available when ordering sensor controlled fixture.	Notes (26) EEM truEgress requires secondary power source. Must specify EEM voltage.	Notes (27) Requires GTD. (28) EEM3 pucks will be powered at 20 watts total. (29) Rated for damp location only.	Notes (30) When ordering EEM Cord, Voltage must match selected EEM Voltage.

truEgress Lamp Series

High-performance directional/rotational LED egress lamps

- Emergency solutions that reduce install complexity while reducing emergency power load by up to 60%.
- Reduce the number of required emergency fixtures during emergency operation
- Unidirectional narrow-beam precisely illuminates the path of egress
- Advanced fixed optics with 355 degree rotation simplifies installation and aiming
- Multiple EM configurations allow for installation mounting heights from 15ft up to 50ft



Product Specifications

Construction

- Constructed of die cast aluminum
- Impact protection rating IK10 Housing

Optics

- Precision optics deliver highly efficient illumination, providing higher foot candles with less lumens
- Multiple distribution available for superior performance in key areas: Aisle, Open, and Wall

LED and Light Engine

- Drivers available in 120-277V, 347V and 480V
- 0-10V dimming driver is standard
- Available in 3500K, 4000K, and 5000K in 80 or 90 CRI
- 6kV Surge Suppression Standard. Uplight option is 4kV standard.

Emergency Battery Options

- Optional truEgress Emergency lighting
- 90-minute backup period for code compliance
- Constant power to LED system for controlled, predictable discharge
- Integrated test switch/indicator light installed on fixture
- Integral emergency transfer relay available for generator equipped power systems

Finish

- Standard white, gray, black or silver polyester powder coat finish
- Painted after fabrication for increased durability and corrosion resistance

Mounting

- Designed for suspension mounting
- 3/4" NPT internal thread with locking set screw
- Adjustable re-align mount optional

Compliance

- cULus listed for wet locations -40°C to 65°C ambient environments
- RoHS compliant
- Tested to IESNA LM-79 and LM-80
- Stated life tested to TM21 standards
- NOM Compliant
- IP65 rated

Warranty

- Five-year warranty standard.

Energy and Performance Data

	Lumen Package	Delivered Lumens							Wattage	Efficacy lm/W						
		Focus	Narrow	Medium	Wide	Aisle	Elliptical	TASM		Focus	Narrow	Medium	Wide	Aisle	Elliptical	TASM
EHBR1 (4000/5000K)	12	12461	12461	12361	12249	12272	12272	12295	67	187	187	186	184	184	184	185
	18	17927	17927	17782	17621	17655	17655	17688	94	191	191	190	188	188	188	189
	24	23759	23759	23567	23354	23398	23398	23443	123	193	193	191	190	190	190	190
	30	30009	30009	29767	29498	29553	29553	29609	157	191	191	189	187	188	188	188
	36	35917	35917	35627	35305	35372	35372	35439	197	182	182	181	179	179	179	180
	42	42030	42030	41691	41314	41392	41392	41470	231	182	182	180	179	179	179	179
	48	48114	48114	47726	47294	47384	47384	47473	266	181	181	179	178	178	178	178
	54	53950	53950	53515	53030	53131	53131	53231	301	179	179	178	176	176	176	177
	60	60196	60196	59710	59170	59282	59282	59394	340	177	177	175	174	174	174	175

Ambient Ratings

Lumen Package	Ambient Rating
EHBR1-12	65°C
EHBR1-18	65°C
EHBR1-24	65°C
EHBR1-30	65°C
EHBR1-36	65°C
EHBR1-42	55°C
EHBR1-48	55°C
EHBR1-54	50°C
EHBR1-60	50°C

IK Rating

LHBHL	IK Rating
Lens	IK10
Housing	IK10

Shipping Data

Catalog No.	Wt.
EHBR1	28 lbs.

Lumen Maintenance

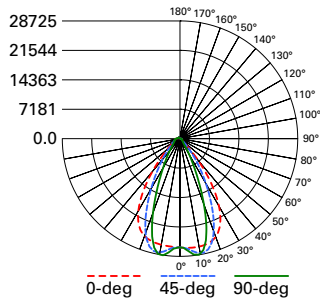
Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)
25°C	L97

60K lms	Operating Hours					
	amb deg C	0	15000	30000	45000	60000
25	100	99.25	98.96	98.67	98.39	97.63
30	100	99.25	98.96	98.67	98.39	97.63
35	100	99.25	98.96	98.67	98.39	97.63
40	100	99.25	98.96	98.67	98.39	97.63
45	100	99.25	98.96	98.67	98.39	97.63
50	100	99.25	98.96	98.67	98.39	97.63
55	100	99.06	98.75	98.44	98.12	97.3
60	100	98.91	98.45	97.99	97.53	96.32

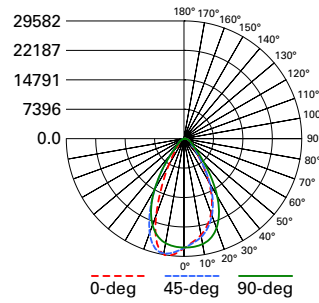
30K lms	Operating Hours					
	amb deg C	0	15000	30000	45000	60000
25	100	99.25	98.96	98.67	98.39	97.63
30	100	99.25	98.96	98.67	98.39	97.63
35	100	99.25	98.96	98.67	98.39	97.63
40	100	99.25	98.96	98.67	98.39	97.63
45	100	99.25	98.96	98.67	98.39	97.63
50	100	99.25	98.96	98.67	98.39	97.63
55	100	99.25	98.96	98.67	98.39	97.63
60	100	99.25	98.96	98.67	98.39	97.63

Photometric Data

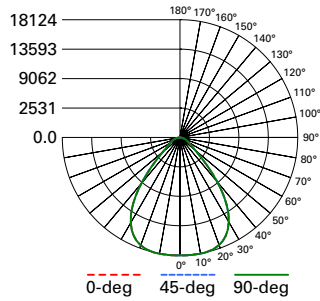
[View IES files](#)



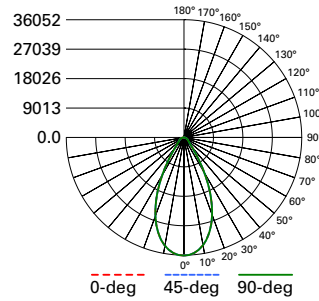
EHBR1-30-UNV-TA-L840
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (II) 1.13 x mounting height, (⊥) 0.77 x mounting height
 Lumens: 30699
 Input Watts: 160W
 Efficacy: 192.1 LPW
 Test Report: EHBR1-30-UNV-TA-L840. IES



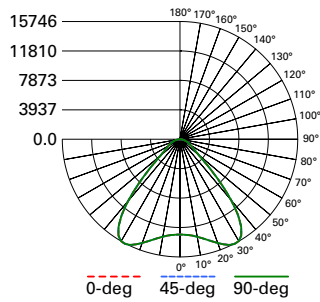
EHBR1-30-UNV-TASM-L840
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (II) 0.84 x mounting height, (⊥) 0.99 x mounting height
 Lumens: 30483
 Input Watts: 160W
 Efficacy: 191 LPW
 Test Report: EHBR1-30-UNV-TASM-L840. IES



EHBR1-30-UNV-M-L840
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (II) 1.21 x mounting height, (⊥) 1.21 x mounting height
 Lumens: 30645
 Input Watts: 160W
 Efficacy: 192 LPW
 Test Report: EHBR1-30-UNV-M-L840. IES



EHBR1-30-UNV-N-L840
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (II) 0.82 x mounting height, (⊥) 0.82 x mounting height
 Lumens: 30894
 Input Watts: 160W
 Efficacy: 193 LPW
 Test Report: EHBR1-30-UNV-N-L840. IES



EHBR1-30-UNV-W-L840
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (II) 1.54 x mounting height, (⊥) 1.54 x mounting height
 Lumens: 30368
 Input Watts: 160W
 Efficacy: 190 LPW
 Test Report: EHBR1-30-UNV-W-L840. IES