

## EWB – Wall Mount Area Lighting

- Complement your ESB area lighters with EWB wall mount luminaires.
  - The ESB and EWB family of luminaires bring T5HO energy efficiency outdoors.
  - Offered in a full range of custom colors.

### Environmentally Friendly

- Energy Efficient
- Dark Sky Compliant
- Controls Compatible

### Applications

- Big Box Industrial and Retail
- Auto Dealers
- Strip Malls

### Don't Guess

- Thermal curves and photometric information are on file give you the RLO information required to properly model your system.
- Years of proven success in outdoor linear fluorescent applications.

### Why P2? It's Simple, Our Experience.

- Big box industrial and distribution facilities often have 250 or 400 watt HID wall packs on 60' centers, so a 700' x 400' building may have 40 wall packs, and likely, 40 pole mounted area lighters as well.
- With P2, you can deliver the additional energy savings to your customers and outshine your competitors.

### EWB – Wall Mount Area Lighting



### Application

- The EWB provides energy efficient choices for 20-35' wall mounted area lighting.
- Can be pole mounted as well.
- See our EST, ESTE, ESW, and EWT for additional T5HO area lighting options.
- Available in 2, 3, or 4-Lamp T5HO cross sections.

## EWB – 1x4 – 4L – T5HO – UL1 – MN – PS – ST – TG – BZ – FT – MKA – LSP

EWB	1x4	4L	T5HO	UL1	MN	PS	ST	TG	BZ	FT	MKA	LSP
Model	Fixt Size	Lamp Qty	Lamp Type	Voltage	Ballast Factor	Ballast Starting	Ballast Grade	Lens	Fixture Finish	Optics	Mount	Other

#### Fixture Model

EWB = T5HO Wall Mount  
EWBE = Hi/Lo T5HO Wall Mount

#### Fixture Size

1x2 = 1x2 Nominal  
1x4 = 1x4 Nominal

#### Lamp Qty

xL = x Indicates quantity of lamps

#### Lamp Type

T5HO = Linear T5HO Lamps

#### Voltage (1)

UHx = Universal 347-480  
ULx = Universal 120-277

#### Ballast Factor (2)

MN = Neutral Power (.97 - 1.04)

#### Numeric Footnotes

- Numeral indicates number ballasts per fixture.
- Ballast factors outside ranges shown to be called out numerically.
- Sensors available only with EWBE Hi/Lo Wall Mount

#### Ballast Starting

PS = Programmed Start

#### Ballast Grade

ST = Standard Grade  
UE – Ultra Efficient

#### Lens

TG = Tempered Glass

#### Fixture Finish

BB = Black  
BG = Green  
BW = White  
BY = Gray  
BZ = Bronze  
RAL = RALxxxx (RAL Specification)

#### Optics

FT = Forward Throw Optics  
SO = Standard Symmetrical Optics

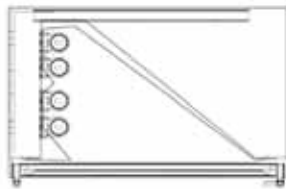
#### Mounting

MKA = Wall Mount Kit A  
WMK = Adjustable Wall Mount Kit  
BO8 = 8" Bolt On Arm (3)  
ADF = 2-3/8" Adjustable Fitter (3)  
PMK = Adjustable Pole Mount Kit

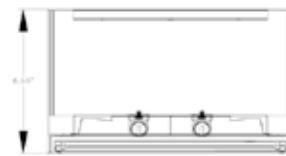
#### Other

LF = Factory Lamps (Lamp spec elsewhere)  
LSP = Lighting Surge Protector  
PC = Locking Photocontrol Base and Photocell  
BP = Button Photocell  
SF = Single Fuse 120-277  
DF = Double Fuse 208/240/480  
SS = Stainless Bird Spikes  
WH2 = Wet Location 360  
View Hi-Bay Sensor (3)  
WL2 = Wet Location 360  
View Lo-Bay Sensor (3)

## EWB – Wall Mount Area Lighting



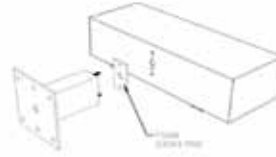
Forward Throw Optics



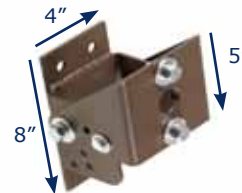
Standard Optics

### Fixture Construction

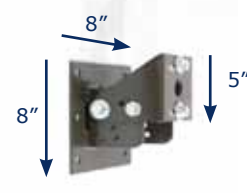
- Heavy duty single piece aluminum body.
- Post production powder coat minimum 3k hour salt spray.
- Extruded aluminum lens frame and tempered glass lens.
- Environmentally friendly and labor saving bulk project packaging.
- Made in the USA: Hudson WI, Gainesville FL, Orange County CA.



MKA = Mounting Kit A, Wall Plate with Extruded Arm



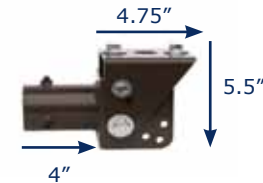
PMK = Adjustable Pole Mount Kit



WMK = Adjustable Wall Mount



BO8 = 8" Bolt on Arm



ADF = Adjustable Fitter

### Existing Systems

Existing Hi-Bay System	Lamp Qty & Type	Initial Lamp Lumens	Lumen Maintenance	EOL(1) Lumens All Lamps	Total Fixture Lumens	Ballast Factor	Fixture Efficiency	EOL(1) Lumens Per Fixt	S/P (2) Ratio	Net (3) EOL Lumens	Fixt Input Watts
MH250	1 Std MH250	20,500	58%	11,890	11,890	1.00	0.75	8,918	1.49	12,171	295
MH320PS	1 PS MH320	31,700	62%	19,654	19,654	1.00	0.75	14,741	1.49	20,119	368
MH400	1 Std MH400	38,000	58%	22,040	22,040	1.00	0.75	16,530	1.49	22,561	458
HPS400	1 Std HPS400	50,000	70%	35,000	35,000	1.00	0.75	26,250	0.62	18,080	464

### Re-Lighting Option

Proposed Hi-Bay System	Lamp Qty & Type	Initial Lamp Lumens	Lumen Maintenance	EOL(1) Lumens All Lamps	Total Fixture Lumens	Ballast Factor	Fixture Efficiency	EOL(1) Lumens Per Fixt	S/P (2) Ratio	Net (3) EOL Lumens	Fixt Input Watts
2L-T5HO	2 FP54T5HO	5,000	93%	4,650	9,300	1.00	0.82	7,626	1.62	11,110	117
3L-T5HO	3 FP54T5HO	5,000	93%	4,650	13,950	1.00	0.82	11,439	1.62	16,665	176
4L-T5HO	4 FP54T5HO	5,000	93%	4,650	18,600	1.00	0.82	15,252	1.62	22,220	234

(1) EOL = End of Life (2) S/P Ratio = Scotopic to Photopic Lumens (3) Net EOL Lumens = EOL Lumens Per Fixture x (S/P).78 [.78 exponent]

### General Notes

- Lamp/ballast system values shown are a general reference intended to supply a quick comparison of several common lamp/ballast systems, the associated energy consumption, and net lumen output.
- Values shown are based on T5HO lamps operating at 35c ambient. Consult the ESW Relative Light Output curve from -30f to +150f ambient when designing your system.
- Fixture efficiency percentages are generally representative of each system type, actual values will vary.
- There are many operating variables that affect system output, in addition to rating variances from brand to brand.
- In addition to those shown there are a wide variety of systems to choose from, each with distinct features and cost points.
- Please consult the lamp/ballast manufacturer's catalogs for the detailed information required to model your system.
- Lumen maintenance percentages shown are at EOL (End of Life), except MH1000, which are at 4,000, 8,000, 12,000, or 16,000 hours of operation as noted in parentheses.