

EWT – Wall Mount Area Lighting

- ▶ Complement your EST area lighters with EWT wall mount luminaires.
 - The EST and EWT family of luminaires feature a sculpted look for architectural appeal.
 - 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.

▶ EWT – Wall Mount Area Lighting



▶ Application

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

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

EWT	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

EWT = T5HO Area Lighter
EWTE = T5HO Hi/Lo Area Lighter

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

- (1) Numeral indicates number ballasts per fixture.
- (2) Ballast factors outside ranges shown to be called out numerically.
- (3) Select these options for side mount to pole.
- (4) Sensors available only with EWTE Hi/Lo Area lighter

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

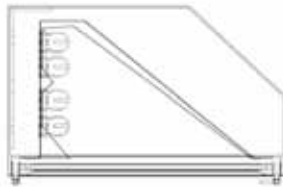
Mounting

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

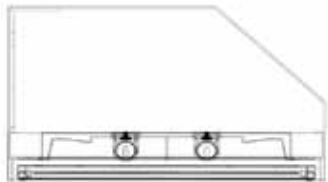
Other

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 (4)
WL2 = Wet Location 360 View Lo-Bay Sensor (4)

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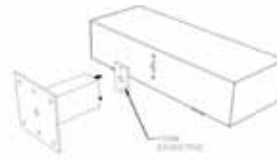
Forward Throw Optics



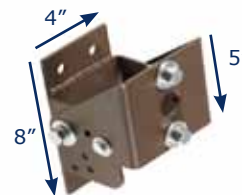
Standard Optics

Fixture Construction

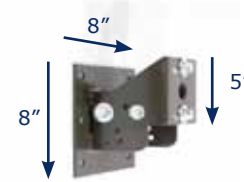
- Heavy duty single piece aluminum body.
- Post production powder coat minimum 3k hour salt spray.
- Extruded aluminum lens frame and tempered glass lens.
- Environmentally friendly and labor saving bulk project packaging.
- Made in the USA: Hudson WI, Gainesville FL, Orange County CA.



MKA = Mounting Kit A, Wall Plate with Extruded Arm



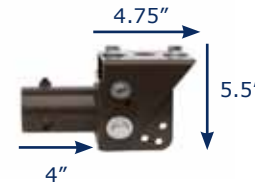
PMK = Adjustable Pole Mount Kit



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
4L-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.