



FEATURES

- Uses T5HO technology to achieve light levels comparable to traditional 400W Metal Halide
- One for one replacement with up to 52% energy savings
- Bi-level inboard/outboard switching saves energy and meets new energy codes
- International Dark-Sky Compliant
- Optional sculpted look for architectural appeal
- Forward throw optics reduce light trespass
- UL 1598 Wet Location certified
- Precision fabricated and formed aluminum housing with high quality welded and ground seams
- Post production powder coat finish provides excellent corrosion resistance and durability
- Door frame opens easily to provide access from below and secures tightly when closed
- Heavy duty aluminum body provides excellent heat dissipation and maximum ballast life
- Light weight construction simplifies fixture replacement

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

HEAT DISSIPATION

Heavy aluminum body and unique ballast channel design provide excellent heat dissipation to maximize ballast life.

CONSTRUCTION

Luminaire housing is precision CNC fabricated and formed aluminum with high quality welded and ground seams. Door frame is extruded aluminum with secure latching.

FINISH

Housing is post production powder coat finish for corrosion resistance and durability.

ELECTRICAL

Standard class "P", thermally protected, auto-resetting HPF ballast, sound rated A. All ballast leads extend a minimum of 6" through access location. NEC/CEC-compliant ballast disconnect is standard.

MOUNTING

Housing attaches to mounting hardware via two 1/2" diameter bolts/rods. Mounting options include rigid arm assembly, knuckled arm assembly for 2 3/8" OD tenon, tenon pole top adapters, and wall mount bracket for wall mount configuration. All mounting should include gasket between the housing and accessory.

CERTIFICATION

All luminaires are built to UL 1598 standards and bear appropriate UL labels. Wet location labeling is standard. International Dark-Sky Compliant.



ORDERING INFORMATION

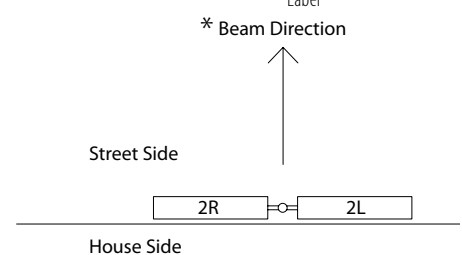
EXAMPLE MBA4-454-DB5-TG-4EPU-F5841-0S

MODEL	NO. OF LAMPS	MOUNTING	DISTRIBUTION	BALLAST	OPTIONS
MBA Box Sided Area Light	2 Two	Blank None	MBA and MCA	2-Lamp	F5841 41K 85 CRI T5HO Lamps Installed
MBW Box Sided Wall Mount	4 Four	A8 Bolt on Arm	5 Standard Optics (Type V)	EP Electronic T5HO, Programmed Start	F5850 50K 82 CRI T5HO Lamps Installed
MCA Chamfered Area Light		AA2 Adjustable 2 3/8" Slipfitter Arm	2R Forward Throw Optics (Right Hand, Type II)*	4-Lamp	PBP Photocontrol Base and Locking Photocell
MCW Chamfered Wall Mount			2L Forward Throw Optics (Left hand, Type II)*	4EP 4-Lamp Electronic T5HO, Programmed Start, Switchable (54W only)	PBC Photocontrol Base with Locking Shorting Cap
			MBW and MCW		GLR Fast Blow Fuse
			2 Forward Throw Optics (Type II)		GMF Slow Blow Fuse
					HS House Side Shield
					OS Occupancy Sensor (Increases housing length)
					NYC NYC Compliant
					NYCU NYC Compliant, Union Label

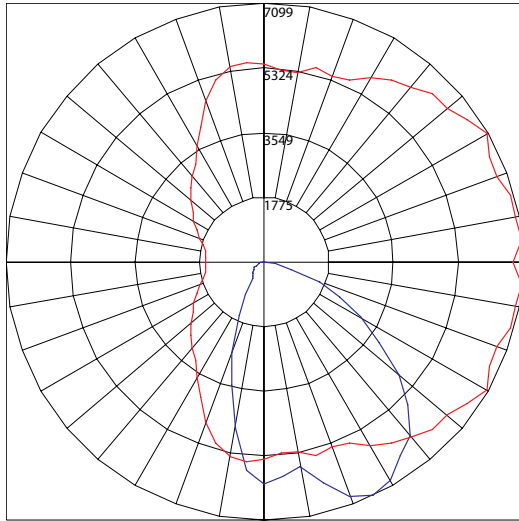
SIZE	LAMP TYPE
2 2'	24 2', T5HO: 24 Watt
4 4'	54 4', T5HO: 54, 51, or 49 Watt

FINISH	LENS	VOLTAGE
DB Dark Bronze	TG Tempered Glass	U 120V-277V
BL Black		HU 347V-480V (4' fixtures only)
GR Gray		

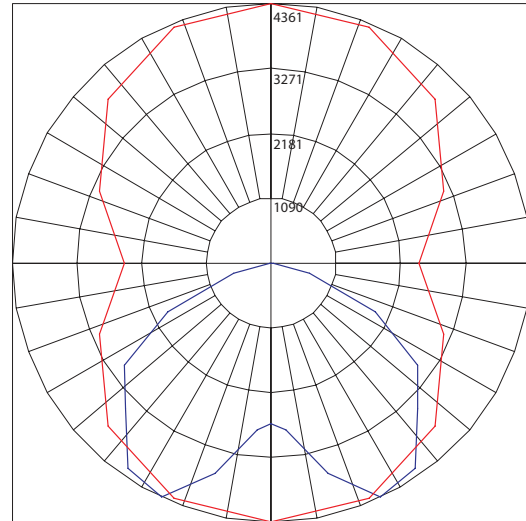
EPA VALUES						
Model	Single	Twin @ 90°	Twin @ 180°	Triple @ 90°	Triple @ 180°	Quad @ 90°
MBA2	1.6	3.2	3.2	4.7	4.7	6.3
MBA2 w/OS	1.7	3.5	3.5	5.2	5.2	7.0
MCA2	1.5	2.9	2.9	4.4	4.4	5.8
MCA2 w/OS	1.6	3.2	3.2	4.8	4.8	6.4
MBA4	2.7	5.4	5.4	8.1	8.1	10.8
MBA4 w/OS	2.9	5.7	5.7	8.6	8.6	11.4
MCA4	2.5	5.0	5.0	7.5	7.5	10.0
MCA4 w/OS	2.6	5.3	5.3	7.9	7.9	10.6
AA2	0.5	1.0	1.0	1.5	1.5	2.0
A8	0.3	0.6	0.6	0.9	0.9	1.2



PHOTOMETRIC DATA

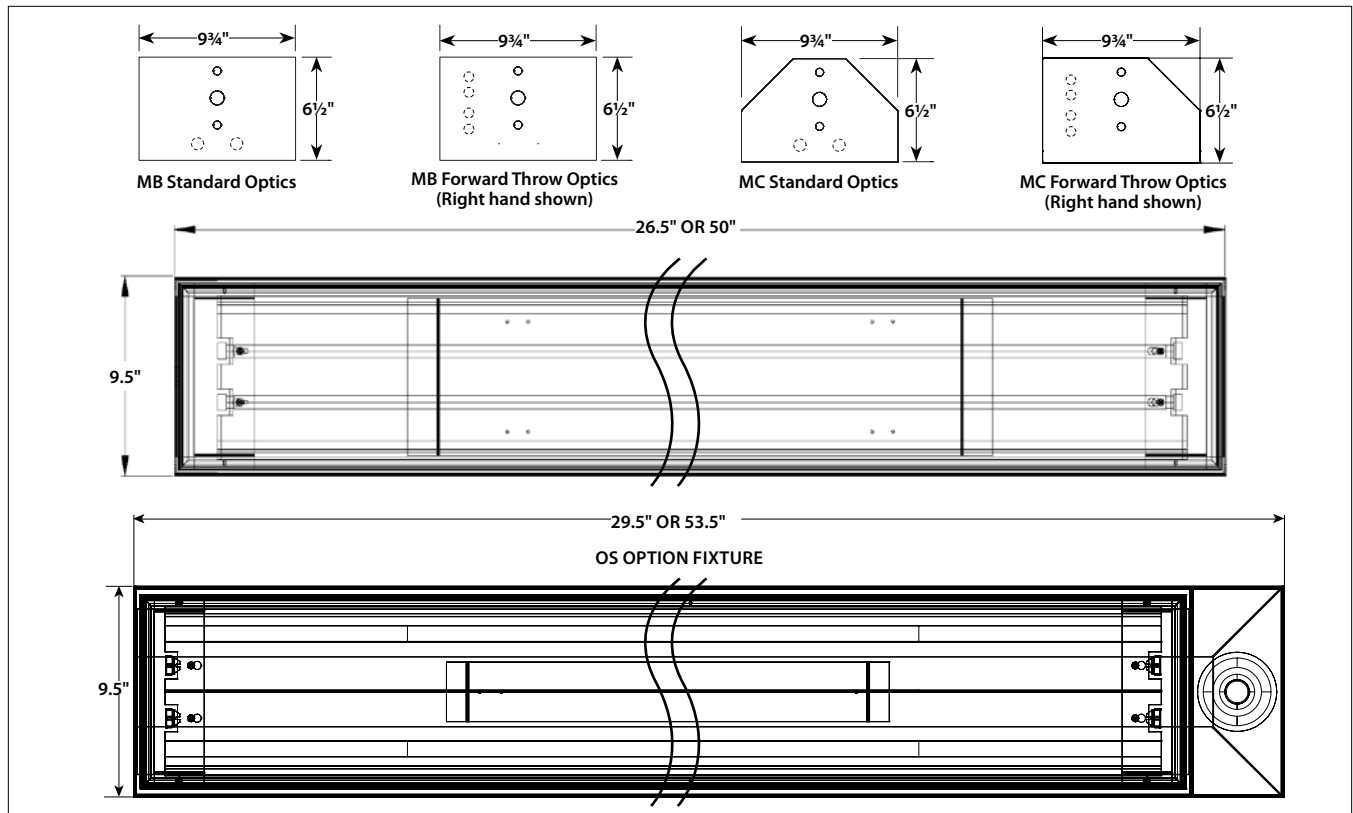


Type II Optics













Type V Optics

DIMENSIONAL DATA



NOTE: All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.

ITEM	CATALOG NO.	DESCRIPTION
	WMB-XX ¹	Wall mount bracket
	TA-4-XX ¹	Tenon Mount Adaptor - 4" Square Pole to 2 3/8" OD Tenon
	TA-5-XX ¹	Tenon Mount Adaptor - 5" Square Pole to 2 3/8" OD Tenon
	TA-6-XX ¹	Tenon Mount Adaptor - 6" Square Pole to 2 3/8" OD Tenon
	PTA190-XX ¹	Pole Top Adaptor - Single 2 3/8" OD Tenon
	PTA2180-XX ¹	Pole Top Adaptor - Double 2 3/8" OD Tenon, 180°
	PTA290-XX ¹	Pole Top Adaptor - Double 2 3/8" OD Tenon, 90°
	PTA390-XX ¹	Pole Top Adaptor - Triple 2 3/8" OD Tenon, 90°
	PTA3120-XX ¹	Pole Top Adaptor - Triple 2 3/8" OD Tenon, 120°
	PTA490-XX ¹	Pole Top Adaptor - Quad 2 3/8" OD Tenon, 90°
	PTASSA8-XX ¹	8" Pole Top Adaptor - 2 3/8" OD Tenon to Bolt On Arm, EPA .4
	TP	Twist Lock Photocell

¹ Colors for accessories are DB-Dark Bronze, BL-Black, or GR-Gray.

Poles	Pole Height		Nominal Shaft Dim.	Wind Load Rating					Wall Thick.	Bolt Circle (Sugg.)	Bolt Circle	Bolt (Sq.)	Base Plate (Sq.)	Anchor Bolt Size	Bolt Proj.	Pole Wt. (lbs)
	ft.	m		70 MPH	80 MPH	90 MPH	100 MPH	120 MPH								
SSS-16-40-1-RDC: 16' high straight steel pole 4" square	16	4.9	4	19.5	14	10.5	7.5	4	0.119	11"	8-11"	5.6-7.8"	10 1/4 x 3/4"	3/4 x 30 x 3"	4"	128
SSS-20-40-1-RDC: 20' high straight steel pole 4" square	20	6.1	4	13.5	9.5	6.5	4.5	1.8	0.119	11"	8-11"	5.6-7.8"	10 1/4 x 3/4"	3/4 x 30 x 3"	4"	160
SSS-25-40-1-RDC: 25' high straight steel pole 4" square	25	7.6	4	8.5	5	3	1.5	NR	0.119	11"	8-11"	5.6-7.8"	10 1/4 x 3/4"	3/4 x 30 x 3"	4"	238
SSS-30-50-7-RDC: 30' high straight steel pole 5" square	30	9.1	5	18	12	8	4.5	NR	0.179	11"	10-13.5"	7.1-9.5"	12 x 1"	1 x 36 x 4"	4"	398

All poles are painted Dark Bronze and are drilled on all four sides with our #2 and #6 pattern. Poles include: Poles Shaft, Anchor Bolts, Pole Cap, Anchor Bolt Template, Anchor Base Covers

