

MORPH

Fluorescent Exterior Area Lights

FEATURES

- Uses T5HO technology to get comparable light levels of traditional 400W Metal Halide
- One for one replacement with up to 56% 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 fixtures replacement




OUTDOOR


ORDERING INFORMATION

MODEL	NO. OF LAMPS	MOUNTING	DISTRIBUTION	LENS	VOLTAGE
MBA Box Sided Area Light	2 Two	Blank None	MBA and MCA	TG Tempered Glass	U 120V-277V
MBW Box Sided Wall Mount	4 Four	A8 Bolt On Arm	5 Standard Optics (Type V)		HU 347V-480V (4' fixtures only)
MCA Chamfered Area Light	See Product Availability table below.	AA2 Adjustable 2 3/8" Slipfitter Arm	2R Forward Throw Optics (Right hand, Type II*)		
MCW Chamfered Wall Mount			2L Forward Throw Optics (Left hand, Type II*)		
			MBW and MCW		
			2 Forward Throw Optics (Type II)		


SIZE	LAMP TYPE	FINISH	BALLAST	OPTIONS
2 2'	24 2', T5HO: 24 Watt	DB Dark Bronze	2-Lamp	F5841 41K 85CRI T5HO Lamps Installed
4 4'	54 4', T5HO: 54, 51, or 49 Watt	BL Black GR Gray	EP Electronic T5HO, Programmed Start	F5850 50K 82CRI T5HO Lamps Installed
			4-Lamp	PBP Photocontrol Base and Locking Photocell
			4EP 4-Lamp Electronic T5HO, Programmed Start, Switchable (54W only)	PBC Photocontrol Base with Locking Shorting Cap
				GLR Fast Blow Fuse
				GMF Slow Blow Fuse
				HS House Side Shield
				OS Occupancy Sensor (Increases housing length)
				NYC NYC Compliant
				NYCU NYC Compliant, Union Label



AA2

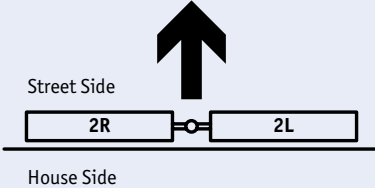


A8



HS

*Beam Direction



PRODUCT AVAILABILITY

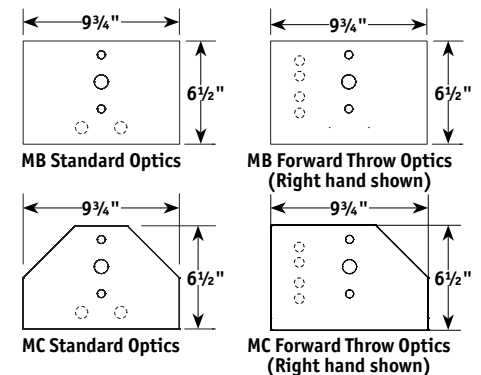
MODEL	NO. OF LAMPS IN CROSS SECTION	LAMP TYPE	LENGTH
MBA2/MCA2	2, 4	24	26.5"*
MBA4/MCA4	2, 4	54	50.5"*
MBW2/MCW2	2, 4	24	26.5"*
MBW4/MCW4	2, 4	54	50.5"*

*OS option adds 3" to housing length.

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

See Wind Speeds table on page 611.



Columbia
LIGHTING