

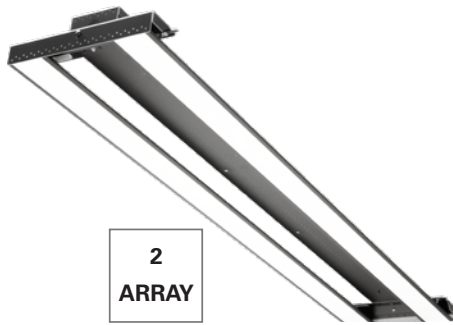


DESCRIPTION

The OmegaLight® LED I-Frame Mx Series of fixtures is designed to quickly and easily replace existing High-intensity Discharge, T8 and T5 fluorescent fixtures. Patent-pending thermal management ensures 100,000 hour life expectancy and lumen maintenance.

Lightweight and easily installed by one person. Constructed from commercially pure aluminum with excellent corrosion resistance. Black exterior finish is bonded to the metal during the milling process at the factory for superior thermal transfer.

Options for controls, sensors, power supplies, surge protection, 480V, battery backup, lenses, fixture color and mounting.



ORDERING INFORMATION

EXAMPLE: **OA436-UNNL-50BL-NSHW-MS1A10** Lead times and costs may vary depending on options selected. Consult your sales representative for more information. Standard configuration highlighted in Gray.

OA	UN								
Model	Arrays Wattage	Voltage	Optics	Color Temp	Fixture Color	Surge	Power Supply	Motion Sensor	Mounting
OA: OmegaLight	212: 2-array 120W	UN: 120-277V	NL: No Lens	50: 5000K	BL: Black	NS: 6kV int.	HW: Hardwire	MS1: 5 min/5hr	A10: 10' Adj. cables
	213: 2-array 130W	48: 480V ¹	F1: Frosted Lens	40: 4000K	WH: White	WS: 10kA ext.	S4: Side 4-pin Winsta	MS2: 15 min/5 hr	NHH: None
	214: 2-array 140W		CL: Clear Lens				S5: Side 5-pin Winsta	MS3: 30 min/5 hr	
	215: 2-array 150W		PC: Polycarbonate				S5: Side 5-pin Winsta	MS4: 5 min/1 hr	
	216: 2-array 160W						SM: Side Mate-N-Lok	MS5: 15 min/1 hr	
	217: 2-array 170W						SM: Side Mate-N-Lok	MSC: Custom	
	218: 2-array 180W						BB: Battery backup ²	MSX: No Sensor	
	420: 4-array 200W								
	421: 4-array 210W								
	422: 4-array 220W								
	423: 4-array 230W								
	424: 4-array 240W								
	425: 4-array 250W								
	426: 4-array 260W								
	427: 4-array 270W								
	428: 4-array 280W								
	429: 4-array 290W								
	430: 4-array 300W								
	431: 4-array 310W								
	432: 4-array 320W								
	433: 4-array 330W								
	434: 4-array 340W								
	435: 4-array 350W								
	436: 4-array 360W								

Specifications subject to change without notice.

¹ 480V transformer for OA436 is external

² Only available on fixtures without sensors.

AMERICAN INNOVATION



Designed & Built in USA

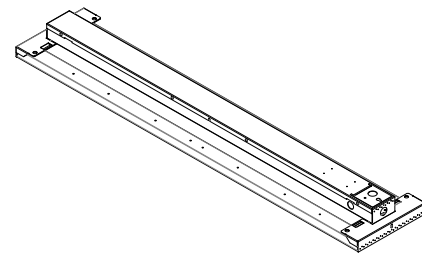
SPECIFICATIONS

	OA212	OA213	OA214	OA215	OA216	OA217	OA218	OA420	OA421	OA422	OA423	OA424		OA425	OA426	OA427	OA428	OA429	OA430	OA431	OA432	OA433	OA434	OA435	OA436																																															
Lumens:	16,865	18,191	19,518	20,845	22,171	23,498	22,807	31,892	31,822	33,129	34,430	35,715		36,981	38,232	39,450	40,667	41,867	43,048	44,200	45,348	46,480	47,547	48,665	49,654																																															
Wattage:	120	130	140	150	160	170	180	200	210	220	230	240		250	260	270	280	290	300	310	320	330	340	350	360																																															
Arrays:	2												4																																																											
Weight:	6.10 lbs												10.40 lbs																																																											
Dimensions:	L 46.102" x H 3.068" x W 9.910"												L 46.102" x H 3.068" x W 15.845"																																																											
Listed/Rated:	DLC QPL, ETL												DLC QPL, ETL																																																											
DLC Model #	OA212-UNCL-50xx	OA212-UNF1-50xx	OA212-UNNL-50xx	OA213-UNCL-50xx	OA213-UNF1-50xx	OA213-UNNL-50xx	OA214-UNCL-50xx	OA214-UNF1-50xx	OA214-UNNL-50xx	OA215-UNCL-50xx	OA215-UNF1-50xx	OA215-UNNL-50xx	OA216-UNCL-50xx	OA216-UNF1-50xx	OA216-UNNL-50xx	OA217-UNCL-50xx	OA217-UNF1-50xx	OA217-UNNL-50xx	OA218-UNCL-50xx	OA218-UNF1-50xx	OA218-UNNL-50xx	OA420-UNCL-50xx	OA420-UNF1-50xx	OA420-UNNL-50xx	OA421-UNCL-50xx	OA421-UNF1-50xx	OA421-UNNL-50xx	OA422-UNCL-50xx	OA422-UNF1-50xx	OA422-UNNL-50xx	OA423-UNCL-50xx	OA423-UNF1-50xx	OA423-UNNL-50xx	OA424-UNCL-50xx	OA424-UNF1-50xx	OA424-UNNL-50xx	OA425-UNCL-50xx	OA425-UNF1-50xx	OA425-UNNL-50xx	OA426-UNCL-50xx	OA426-UNF1-50xx	OA426-UNNL-50xx	OA427-UNCL-50xx	OA427-UNF1-50xx	OA427-UNNL-50xx	OA428-UNCL-50xx	OA428-UNF1-50xx	OA428-UNNL-50xx	OA429-UNCL-50xx	OA429-UNF1-50xx	OA429-UNNL-50xx	OA430-UNCL-50xx	OA430-UNF1-50xx	OA430-UNNL-50xx	OA431-UNCL-50xx	OA431-UNF1-50xx	OA431-UNNL-50xx	OA432-UNCL-50xx	OA432-UNF1-50xx	OA432-UNNL-50xx	OA433-UNCL-50xx	OA433-UNF1-50xx	OA433-UNNL-50xx	OA434-UNCL-50xx	OA434-UNF1-50xx	OA434-UNNL-50xx	OA435-UNCL-50xx	OA435-UNF1-50xx	OA435-UNNL-50xx	OA436-UNCL-50xx	OA436-UNF1-50xx	OA436-UNNL-50xx
Color Temp:	5000K																																																																							
CRI:	>82																																																																							
Line Voltage:	Universal 120-277V. 480V transformer option.														Can accommodate Winsta (WAGO), ReLoc and Mate-N-Lok.																																																									
Power Supply:	Hardwire standard. Includes internal quick connect to easily accommodate straight blade, metal clad, twist lock.																																																																							
Surge Protection:	Integrated 6kV transient voltage protection. External 10kA surge protection option.																																																																							
Ambient Operating Temperature:	-30° to 50° C / -22° to 122° F																																																																							
Environment:	Damp rated																																																																							
Lens:	No lens standard. Optional non-glare optical grade Acrylic, resists common airborne water-based solvents. Other options available.																																																																							
Mount:	10 ft. Adjustable hangers included. Pendant, Flush mount options.																																																																							
Warranty:	10-year Standard Limited																																																																							
Manufacturer:	Genesis Energy Technology																																																																							

Product specifications subject to change without notice.

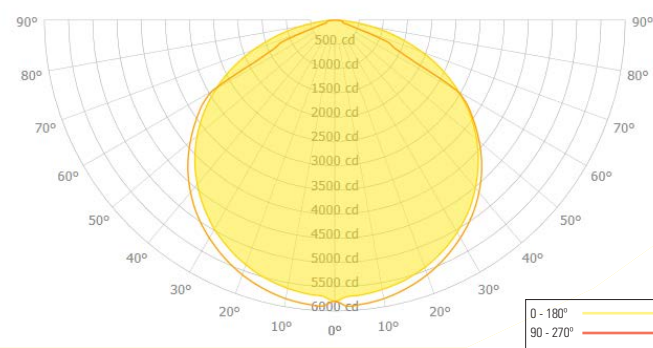
OmegaLight 2-array

L 46.102 in
H 3.068 in
W 9.910 in
6.10 lbs



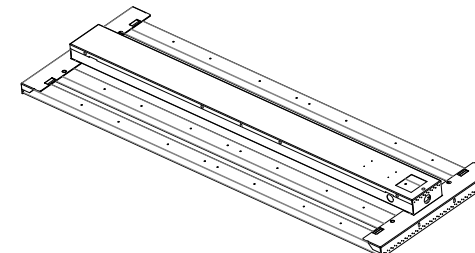
CONE OF LIGHT OA212		
MOUNTING HEIGHT	LIGHT LEVEL	BEAM DIAMETER
6 ft	161 fc	21 ft
8 ft	91 fc	28 ft
10 ft	58 fc	35 ft
12 ft	40 fc	41 ft

CANDELA POLAR PLOT OA212



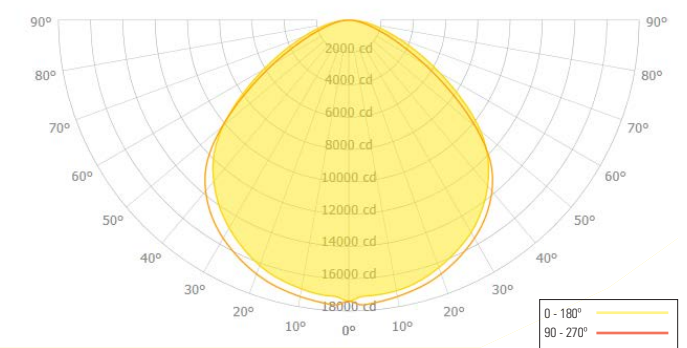
OmegaLight 4-array

L 46.102 in
H 3.068 in
W 15.845 in
10.4 lbs



CONE OF LIGHT OA436		
MOUNTING HEIGHT	LIGHT LEVEL	BEAM DIAMETER
6 ft	483 fc	16 ft
8 ft	272 fc	22 ft
10 ft	174 fc	27 ft
12 ft	121 fc	33 ft

CANDELA POLAR PLOT OA436



OmegaLight® I-Frame Mx

Accessories

It is the responsibility of the person ordering to ensure the correct part is specified.

Power Supplies

Integrated quick connect to easily accommodate:

- Straight Blade
- Metal Clad
- Twist lock
- Winsta (WAGO)
- Mate-N-Lok
- ReLoc



Controls/Sensors

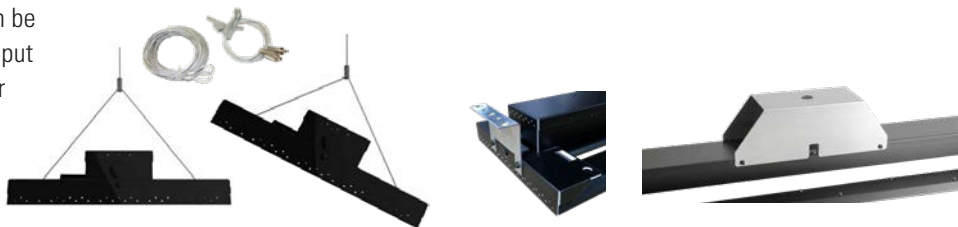
Motion sensors, ambient light sensors and timing controls are available to further improve your savings and increase the life expectancy of the fixture.



Mounts

The standard hanging cable can be adjusted to angle the fixture to put more light where needed. Other mounting options are:

- Flush/Rigid bracket
- Pendant bracket



Lens

Optical options:

- Frosted
- Clear
- Polycarbonate



Battery Backup

External battery pack attaches directly onto the fixture.

Not available in 480V or fixtures with sensors.



energybank.

www.energybankinc.com

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