

OCULUX ARCHITECTURAL 2" MULTIPLE SPOTS

1 LIGHT PINHOLE - MT-21PT, MT-21PL

WAC LIGHTING

Responsible Lighting®



Fixture Type:

Catalog Number:

Project:

Location:

PRODUCT DESCRIPTION

With a smaller aperture and shallow housing height, Oculux Architectural 2" Multiples offer performance features in a simple but versatile package for residential and commercial applications alike. The rare earth magnetic mounting makes for ease of installation and service. Universal housing can be used with trim or trimless, while delivering downlighting, adjustability, and pinhole lighting effects.

FEATURES

- Refined 2" aperture and shallow <4" housing
- Adjustable LED light engine included with housing: Vertical adjustment 0-40°, Horizontal adjustment 0-360°
- Rare earth magnetic light engine mounting
- Accommodates accessory optical film and one lens or honeycomb louver
- Bevel and pinhole trim options
- Universal housing can be used with trim and trimless options
- Each light engine can be independently controlled
- 5 year warranty

SPECIFICATIONS

Construction: Die-cast aluminum trim and light engine. Steel housing.

Input: 120V - 277V AC 50/60 Hz.

Dimming: 100% - 5% TRIAC, ELV (120V)
100% - 5%, 0-10V (120-277V)

Light Source: High output 3-step Mac Adam Ellipse COB
Rated life of 50,000 hrs

Mounting: Accommodates ½"-1" ceiling thickness.

Finish: Electrostatically powder coated White, Black.

Operating temp: -4°F to 104°F (-20°C to 40°C)

Standards: UL & cUL, Wet Location listed, Title 24 JA8-2019 Compliant.

Trims (Order Housing Separately)	Model	Housing	Beam	Color Temp	CRI	Lumens	CBCP	
<p>MT-21PT 1 Light Trim Pinhole</p>	MT-2109	8.5W	Spot 16°	927 2700K 90	90	575	4985	WT White trim with black interior BK Black
				930 3000K 90	90	625	5425	
				935 3500K 90	90	625	5420	
				940 4000k 90	90	680	5915	
			Narrow Flood 30°	927 2700K 90	90	510	1490	
				930 3000K 90	90	535	1685	
	935 3500K 90	90	555	1675				
	940 4000K 90	90	605	1830				
			Flood 50°	927 2700K 90	90	650	875	
				930 3000K 90	90	695	970	
				935 3500K 90	90	695	970	
				940 4000K 90	90	760	1070	
<p>MT-21PL 1 Light Trimless Pinhole</p>	MT-2115	15W	Spot 16°	927 2700K 90	90	915	8115	
				930 3000K 90	90	955	8480	
				935 3500K 90	90	995	8855	
				940 4000K 90	90	1070	9510	
			Narrow Flood 30°	927 2700K 90	90	840	2435	
				930 3000K 90	90	875	2635	
	935 3500K 90	90	905	2695				
	940 4000K 90	90	920	2825				
			Flood 50°	927 2700K 90	90	1025	1385	
				930 3000K 90	90	1100	1530	
				935 3500K 90	90	1110	1555	
				940 4000K 90	90	1180	1665	

MT-21P_
Example: **MT-21PT-WT**

waclighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

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Housings (Order Trim Separately)	Model	Power	Beam	Color Temp	CRI
	MT-2109 New construction IC Rated, Airtight	8.5W	S 16° N 30° F 50°	927 2700K 930 3000K 935 3500K 940 4000K	90 90 90 90
	MT-2115 New construction Non-IC, Airtight	15W			

MT-21 - _____
 Example: **MT-2115-S935**

ACCESSORIES Each light engine accommodates accessory optical film and one lens or honeycomb louver

ACCESSORY HOLDER sold separately

LENS-11-HLD	Required for use with any lens or accessory
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GLARE CONTROL ACCESSORIES sold separately

LENS-11-HCL	Honeycomb Louver
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LENS ACCESSORIES sold separately

LENS-11	AMB	Amber
	RED	Red
	FR	Frosted
	SPR	Spread Beam
	BEL	Beam Elongating

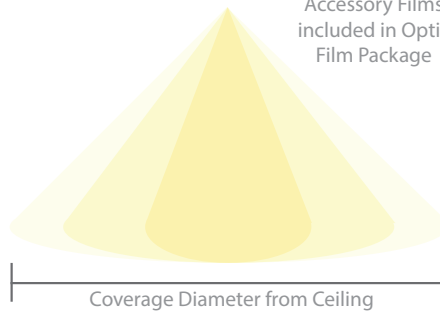
ACCESSORY OPTIC FILMS sold separately

MT-2-FILM		
Optic Film Package: includes 3 films (A, B, C)		
LENS-11-HLD Required (sold separately)		

Primary Optic	Accessory Film	Resulting Beam
S (16°)	A	25°
S (16°)	B	45°
S (16°)	C	55°
N (30°)	A	35°
N (30°)	B	55°
N (30°)	C	65°
F (50°)	A	52°
F (50°)	B	70°
F (50°)	C	80°



Accessory Films included in Optic Film Package



COVERAGE DIAMETER FROM 8' CEILING IN FEET

Primary Optic	No Film	+ Film A	+ Film B	+ Film C
Spot	2'	3.5'	6.5'	8.5'
Narrow	4.5'	5'	8.5'	10'
Flood	7.5'	8'	11'	13.5'

COVERAGE DIAMETER FROM 10' CEILING IN FEET

Primary Optic	No Film	+ Film A	+ Film B	+ Film C
Spot	3'	4.5'	8.5'	10.5'
Narrow	5.5'	6.5'	10.5'	12.5'
Flood	9.5'	10'	14'	17'

Above charts represent beam distribution only. Footcandle values should be considered in addition to meet project requirements.

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REPLACEMENT HEADS (INCLUDES: ONE HEAD & LED)

<i>Model</i>	<i>Beam</i>	<i>Color Temp</i>
4MT2-S927-BK	Spot	2700K
4MT2-S930-BK		3000K
4MT2-S935-BK		3500K
4MT2-S940-BK		4000K
4MT2-N927-BK	Narrow Flood	2700K
4MT2-N930-BK		3000K
4MT2-N935-BK		3500K
4MT2-N940-BK		4000K
4MT2-F927-BK	Flood	2700K
4MT2-F930-BK		3000K
4MT2-F935-BK		3500K
4MT2-F940-BK		4000K

REPLACEMENT DRIVERS (ONE DRIVER PER LIGHT ENGINE)

<i>Model</i>	<i>Power</i>	<i>Rating</i>
D-MT2-9	8.5W	IC
D-MT2-15	15W	Non-IC

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