Project	
Type	Date
Cat. No.	



WMC™ Series

Outdoor Cylinder Wall Pack

DESCRIPTION

The Aleo WMC™ Series is an outdoor cylinder wall pack for building facades, entries and walkways where the luminaire is an architectural element as well as provides high performance illumination for safety and security at night. An aluminum housing and mounting box carries the thermal load inside a sealed enclosure rated. This series boasts extreme versatility for ease of ordering, stocking, and installing: multiple wattages, color temperatures, beam angles, and up/down/full light direction, with no optics to order and no parts to swap. An integral dusk-to-dawn photocell comes standard with the ability to disable via a switch. Three sizes cover 6W through 36W, and a square conversion kit converts any of them to a square profile in the field.

APPLICATIONS

Building entrances and façades, walkways and breezeways, courtyards and patios, multi-family and hospitality exteriors, retail storefronts, canopies and covered entries, stairwells, and service doors.

WMC™ SERIES

3” 6W / 8W / 10W
4” 12W / 16W / 20W
6” 21W / 28W / 36W

QUICK SHIP

WMC-3-10UX/8CT DB	WMC-3-10UX/8CT BLK
WMC-4-20UX/8CT DB	WMC-4-20UX/8CT BLK
WMC-6-36UX/8CT DB	WMC-6-36UX/8CT BLK

SPECIFICATION FEATURES

- **CONSTRUCTION**
  Aluminum housing and mounting plate provides thermal management and long life. Features an polycarbonate lens, IP65 wet-location rating, and –40°F to 113°F (–40°C to +45°C) operating range. Standard finishes: Dark Bronze and Black. Optional square conversion kit available for all three sizes. For permanent installation in ordinary, non-hazardous locations.
- **OPTICAL SYSTEM**
  Integrated, field-selectable 25°, 40°, and 60° beam angles eliminate the need for separate optics or replacement lenses. Select Up, Down, or Full light distribution; Full mode splits output evenly between both apertures. Efficacy up to 166 lm/W.
- **CERTIFICATION**
  UL Listed.
- **ELECTRICAL**
  Universal 120V–347V input supports 50/60 Hz operation. Power factor is greater than 0.90, with total harmonic distortion (THD) below 20%. Surge protection is rated at 2kV line-to-neutral and 4kV line-to-ground for the 3” and 4” sizes, and 4kV line-to-neutral and 6kV line-to-ground for the 6” size.
- **INSTALLATION / MOUNTING**
  The mounting plate fastens directly to the wall or to a junction box using the provided screws. An integral safety lanyard supports the fixture during wiring. Field-adjustment switches are accessible through coin plugs on either side of the housing, allowing adjustments without disassembly or specialized tools.
- **PHOTOCELL**
  Comes Standard with built-in dusk-to-dawn photocell.
- **FIELD ADJUSTABLE OUTPUT (TRI-SELECT)**
  Wattage and Color Temp. can be adjusted in the field by selecting (3) different wattages and (3) different CCTs via integrated switches. Field-adjustable beam angle.
- **WARRANTY**
  7-year Limited Warranty. See warranty documentation for more information.

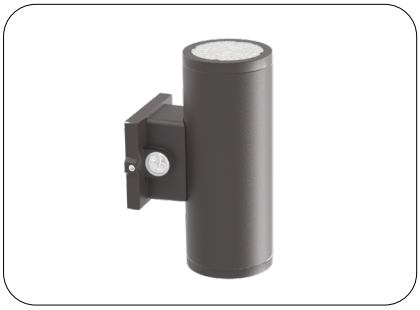
ORDERING INFORMATION

EXAMPLE: WMC-6-36UX/8CT DB

WMC	6	36	UX	8	CT	[Blank]	[Blank]
Series	**Size**	**Nominal Max Wattage**	**Lumen Package**	**CRI**	**Color Temp**	**Controls**	**Finish**
WMC Outdoor Cylinder Wall Pack	**3”** 3” **4”** 4” **6”** 6”	**10** 6W / 8W / 10W **20** 12W / 16W / 20W **36** 21W / 28W / 36W	**UX** Field Adjustable Wattage	**8** CRI 80	**CT** Field Adjust. 3000K 4000K 5000K	**Blank** Photocell (Built-in)	**DB** Dark Bronze RAL#8019 **BLK** Black RAL#9011

Specifications and Dimensions subject to change without notice.

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PERFORMANCE SUMMARY

Input Voltage	120V-347V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Data
Delivered Lumens	See Performance Data
Efficacy	Up to 153 lm/W
CRI	CRI 80
Available CCT	3000K / 4000K / 5000K, field selectable
Beam Angle	25° / 40° / 60°, field selectable
Light Direction	Up / Down / Full, field selectable

Rated Life (L70)	≥50,000 hrs
Power Factor	> 0.90
THD	< 20%
Dimming	0-10V
Photocell	Integral dusk-to-dawn, field switchable ON / OFF
Surge Protection	2kV / 4kV (3", 4") · 4kV / 6kV (6")
Operating Temp.	-40°F to 113°F (-40°C to 45°C)

LIGHT DIRECTION - WATTAGE SPLIT

Size	Up Mode	Full Mode	Down Mode
3"	10W / 8W / 6W up	5W / 4W / 3W up and 5W / 4W / 3W down	10W / 8W / 6W down
4"	20W / 16W / 12W up	10W / 8W / 6W up and 10W / 8W / 6W down	20W / 16W / 12W down
6"	36W / 28W / 21W up	18W / 14W / 10.5W up and 18W / 14W / 10.5W down	36W / 28W / 21W down

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PERFORMANCE DATA

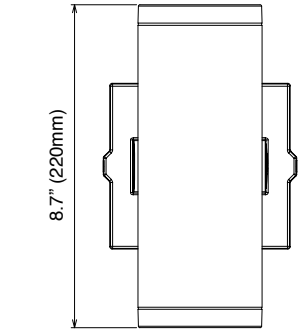
Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
WMC-3-10UX/8CT	6	3000K	825	5.9	139.9
		4000K	870	5.7	152.7
		5000K	852	5.9	144.4
	8	3000K	1,094	7.9	138.5
		4000K	1,133	7.5	151.1
		5000K	1,115	7.8	143.0
	10	3000K	1,357	9.9	137.1
		4000K	1,406	9.4	149.6
		5000K	1,373	9.7	141.5
WMC-4-20UX/8CT	12	3000K	1,702	12.2	139.5
		4000K	1,801	11.7	153.9
		5000K	1,770	12.2	145.1
	16	3000K	2,251	16.3	138.1
		4000K	2,377	15.6	152.4
		5000K	2,328	16.2	143.7
	20	3000K	2,789	20.4	136.7
		4000K	2,941	19.5	150.8
		5000K	2,872	20.2	142.2
WMC-6-36UX/8CT	21	3000K	2,900	21.0	138.1
		4000K	3,021	20.1	150.3
		5000K	2,949	20.8	141.8
	28	3000K	3,814	27.9	136.7
		4000K	3,988	26.8	148.8
		5000K	3,889	27.7	140.4
	36	3000K	4,857	35.9	135.3
		4000K	5,067	34.4	147.3
		5000K	4,962	35.7	139.0

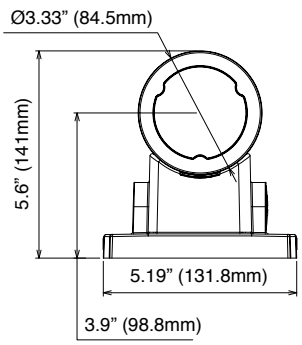
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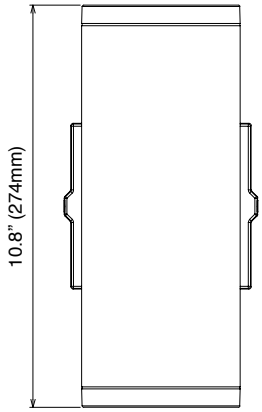
PRODUCT DIMENSIONS

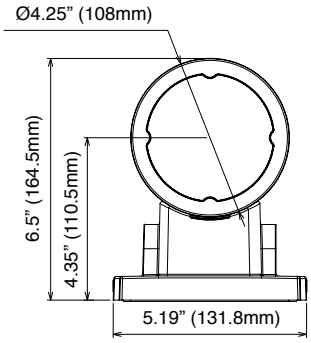
WMC-3



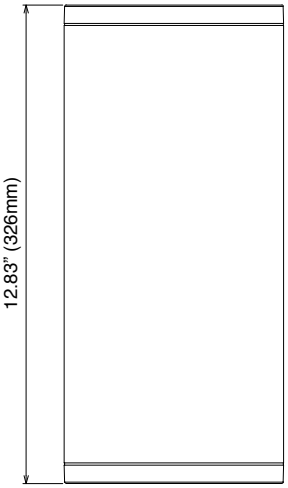


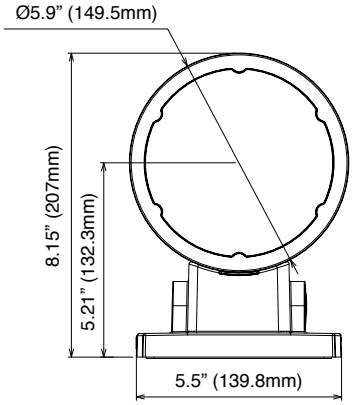
WMC-4





WMC-6





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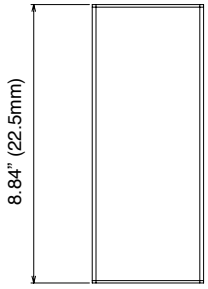
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PRODUCT OPTIONS

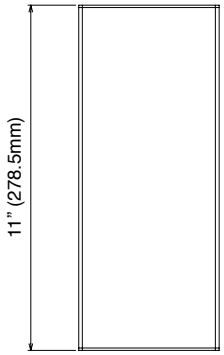
SQUARE CONVERSION KITS

Catalog No.	Description	Ordering	Shipping
WMC-3SQ DB	Square Conversion Kit, 3” in Dark Bronze	Order and Ship Separately	Field Install
WMC-3SQ BLK	Square Conversion Kit, 3” in Black	Order and Ship Separately	Field Install
WMC-4SQ DB	Square Conversion Kit, 4” in Dark Bronze	Order and Ship Separately	Field Install
WMC-4SQ BLK	Square Conversion Kit, 4” in Black	Order and Ship Separately	Field Install
WMC-6SQ DB	Square Conversion Kit, 6” in Dark Bronze	Order and Ship Separately	Field Install
WMC-6SQ BLK	Square Conversion Kit, 6” in Black	Order and Ship Separately	Field Install

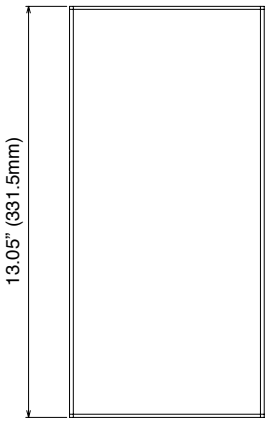
WMC-3SQ

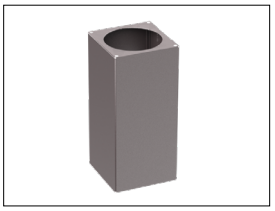


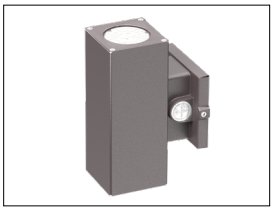
WMC-4SQ



WMC-6SQ







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