



Wall Sconce Light IMCL03



3"



4"



6"

The MESTER IMCL03 series, in one SKU, amazes with its versatility. It provides 3 color temps, 4 lumen levels, 3 beam angles and 3 light modes. Its sleek design fits places like luxury villas, clubs, museums, high - end hotels, and high - rise exteriors, corridors and lobbies, bringing sophistication and an elegant, peaceful space.



SPECIFICATION FEATURES

Construction

- Rugged cast-aluminum housing with bronze polyester powder paint for outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- The housing is completely sealed, providing excellent protection against moisture and environmental contaminants.

Optics

- Light engines are available with adjustable CCT, and the CCT can be changed to 3000K/4000K/5000K (CRI80).
- Scalable Lumen Packages from 1,140 to 5,850 Lumens.
- The professional prismatic design offers good light distribution control and guarantees uniformity.
- Optional for three beam angle adjustable (50°, 60°, 70°).

Electrical

- Universal 120-277VAC input voltage.
- Optional 0-10V dimming and dimming range from 10%-100%.
- Four adjustable Wattage levels available for each model.
- PF>90%, THD <20%.
- Operating Temperature Range: -40°C to 50°C (-40°F - + 122°F).

Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year limited warranty.

Certifications

- UL CUL wet location listed.

Note

- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C (±5°C) specifications subject to change without notice.

ELECTRICAL DATA

Number Of Drivers	Driver Current(mA)	Nominal Power(W)	INPUT VOLTAGE(V)	CURRENT (Amps)
1	430	24	120	0.20
		24	208	0.12
		24	240	0.10
		24	277	0.09
1	470	30	120	0.25
		30	208	0.14
		30	240	0.13
		30	277	0.11
1	730	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16

CCT , BEAM ANGLE AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumen output, color temperature, and beam angle on-site.



Beam angle adjustment:

Beam angle adjustable (50°, 60°, 70°).

Power adjustment range:

Direct & Indirect: 24W-19W-15W-10W

Direct & Indirect: 30W-24W-18W-12W

Direct & Indirect: 45W-36W-27W-18W

CCT selectable:

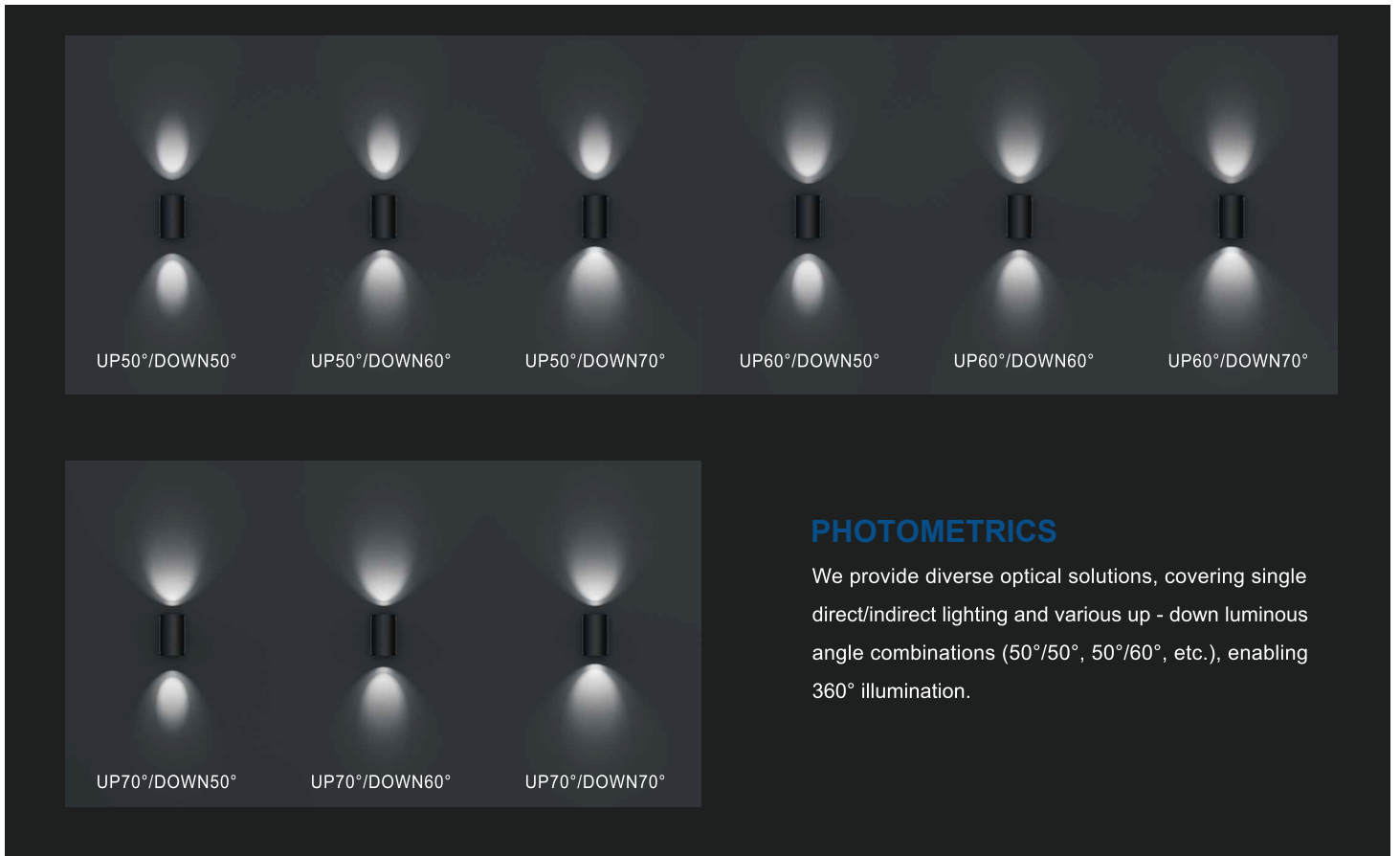
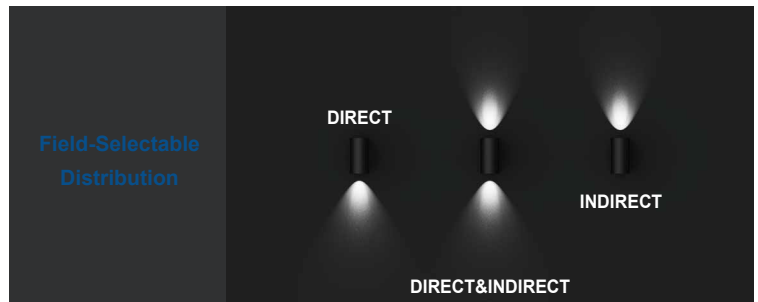
3000K, 4000K, 5000K

Photocell Cap

Disable



Enable



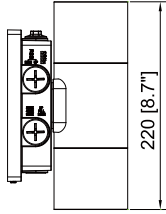
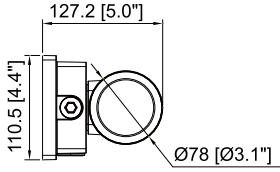
PHOTOMETRICS

We provide diverse optical solutions, covering single direct/indirect lighting and various up - down luminous angle combinations (50°/50°, 50°/60°, etc.), enabling 360° illumination.

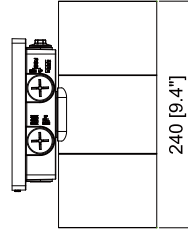
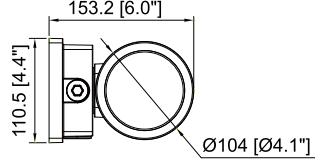
DIMENSION

unit: mm/inch

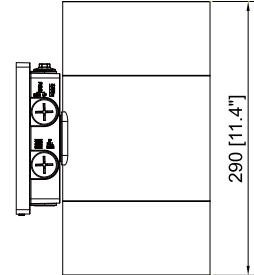
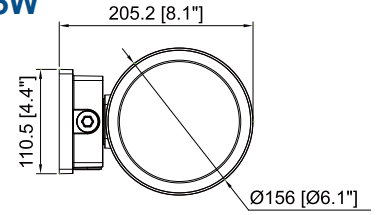
3" / 24W



4" / 30W



6" / 45W



PERFORMANCE DATA

IMCL03 @3" 24W (Full)

SETTING	SYSTEM WATTS	3000K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	24W	2600 lm	108lm/W	2900 lm	121lm/W	2760 lm	115lm/W
LV2	19W	2080 lm	109lm/W	2350 lm	124lm/W	2230 lm	117lm/W
LV3	15W	1680 lm	112lm/W	1900 lm	126lm/W	1800 lm	119lm/W
LV4	10W	1140 lm	114lm/W	1280 lm	128lm/W	1220 lm	122lm/W

IMCL03 @4" 30W (Full)

SETTING	SYSTEM WATTS	3000K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	30W	3150 lm	105lm/W	3660 lm	122lm/W	3400 lm	113lm/W
LV2	24W	2570 lm	107lm/W	2980 lm	124lm/W	2800 lm	116lm/W
LV3	18W	1980 lm	110lm/W	2270 lm	126lm/W	2100 lm	118lm/W
LV4	12W	1340 lm	112lm/W	1550 lm	129lm/W	1440 lm	120lm/W

IMCL03 @6" 45W (Full)

SETTING	SYSTEM WATTS	3000K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	45W	4900 lm	109lm/W	5850 lm	130lm/W	5400 lm	120lm/W
LV2	36W	4030 lm	112lm/W	4790 lm	133lm/W	4430 lm	123lm/W
LV3	27W	3080 lm	114lm/W	3670 lm	136lm/W	3380 lm	125lm/W
LV4	18W	2100 lm	117lm/W	2480 lm	138lm/W	2300 lm	127lm/W

ORDERING GUIDE

Example: IMCL03 4 30W 27V DDK YYYYY

Fixture Type	Size	Wattage	Voltage	CCT	Finish	Photocell (Option)	CCT and Power Adjustable	Beam Angle Adjustable	Internal Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
IMCL03 Wall Sconce Light Series	3 3inch 4 4inch 6 6inch	24W 24Watts 30W 30Watts 45W 45Watts	27V 120-277V	DDK Adjustable color temperature	SG Silver Gray D Dark Bronze B Black W White standard finish black bronze; gray or white are custom	P With Photocell	AD With adjustment dial	AT With adjustable beam angle	Blank Alphanumeric