TRUE LED USA

Product	
Catalog No.	
Fixture Type	Notes

WP2029 LED WALL SCONCE (CYLINDER) LIGHT

The WP2029 LED Wall Mount Cylinder is a versatile architectural wall luminaire featuring field-selectable wattage, CCT, beam angle, and lighting direction (up, down, or full). Designed with a durable die-cast aluminum housing and polycarbonate lens, it delivers high efficiency performance with IP65 wet-location rating. Integrated dusk-to-dawn photocell control ensures automatic operation for enhanced energy savings. Ideal for modern exterior applications requiring flexibility, durability, and clean aesthetics.

SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	3": 10W / 8W / 6W (Selectable) 4": 20W / 16W / 12W (Selectable) 6": 36W / 28W / 21W (Selectable)
	Delivered Lumens	~ 5,500lm
	Lumen Efficacy	~ 150lm/W
	Color Temperature	3000K / 4000K /5000K (Selectable)
	CRI (Ra)	80+
Electrical	Input Voltage	120-347V
	Dimming	0-10V
	Power Factor	≥ 0.9
Physical	Housing	Die-cast aluminum housing
	Beam Angle	25° / 40° / 60° (Selectable)
	Operation Temperature	-35°F to +113°F (EM version: 41°F to 86°F)
	IP Rating	IP 65
	Mounting Options	Wall Mount
	Dimension (L × W × H)	3": Ø3.3" × 8.7" 4": Ø4.3" × 10.8" 6": Ø5.9" × 12.8"
	Surge Protection	L/N 2KV, L/N-P 4KV (10W&20W) L/N 4KV, L/N-P 6KV (36W)

APPLICATIONS

- Entryways
- Facades
- Awnings
- Wall washing
- Outdoor architectural accents

LIFESPAN AND WARRANTY

Rated Life	50,000 Hrs
Warranty	5 Years
Certification	UL

FEATURES

- Field-selectable wattage (3 levels)
- 3CCT selectable: 3000K / 4000K / 5000K
- Optic-selectable beam angles: 25° / 40° / 60°
- Light direction selectable: Up / Down / Full
- Integrated dusk-to-dawn photocell (ON/OFF)
- IP65 wet-location rated die-cast aluminum housing

CERTIFICATION

c UL us LISTED

5 YEAR WARRANTY

CCT Selectable

IP65

Up to 6KV

5680 Oakbrook Pkwy Ste 135, Norcross, GA 30093
678-707-8595
info@trueledusa.com
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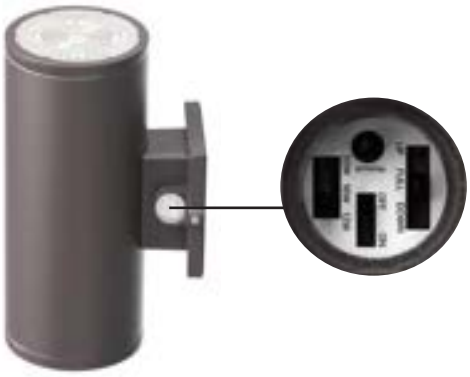
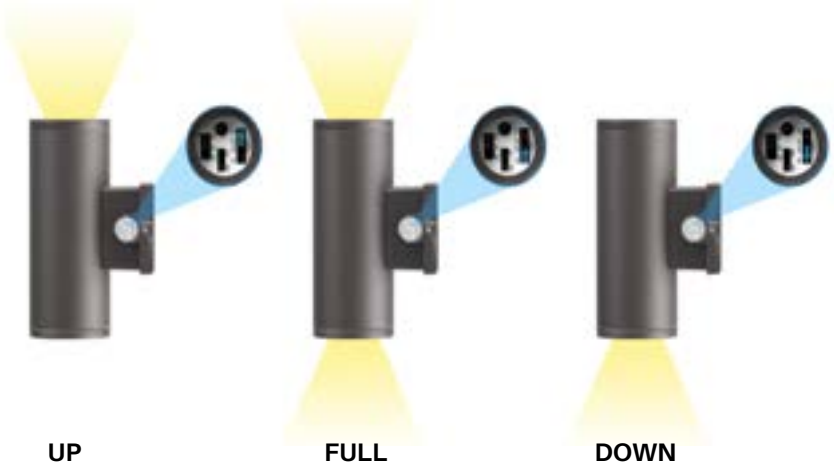
PERFORMANCE DATA

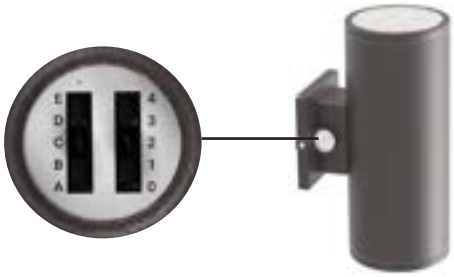
- **Field-adjustable Wattage**
  3 Wattage selectable.
- **Photocell ON/OFF**
- **Light Direction Selection**
  Up, Full, Down



- **Light Direction Selection**
  Up, Full, Down



UP **FULL** **DOWN**



A+1: 3000K 40°
A+2: 4000K 25°
A+3: 5000K 25°
A+4: 3000K 25°

B+0: 5000K 40°
C+0: 5000K 60°
D+0: 4000K 60°
E+0: 3000K 60°

B+1: 4000K 40°
(Default)

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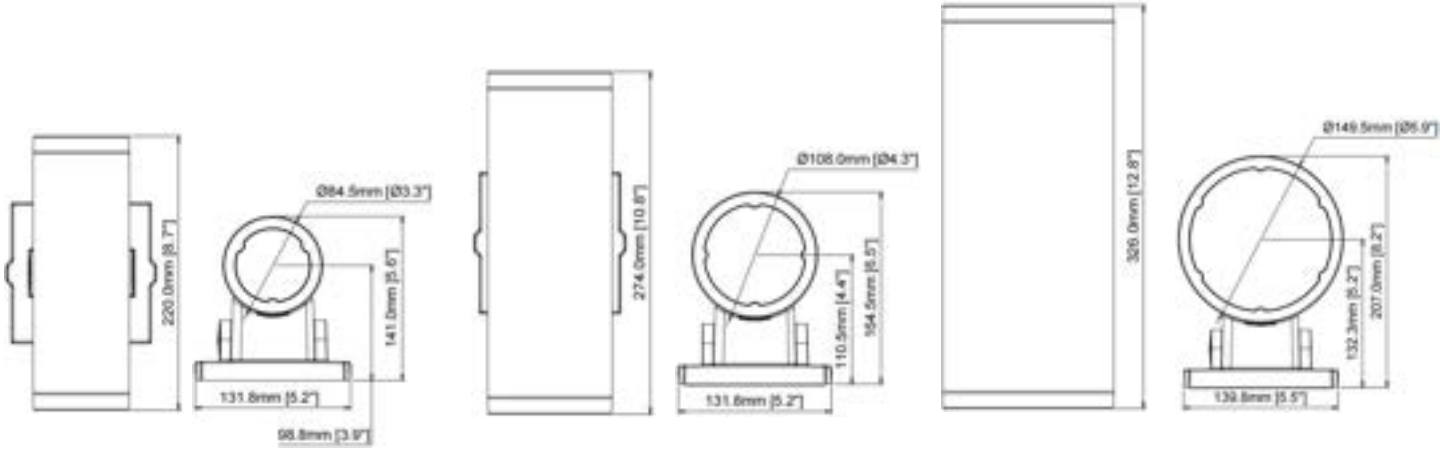
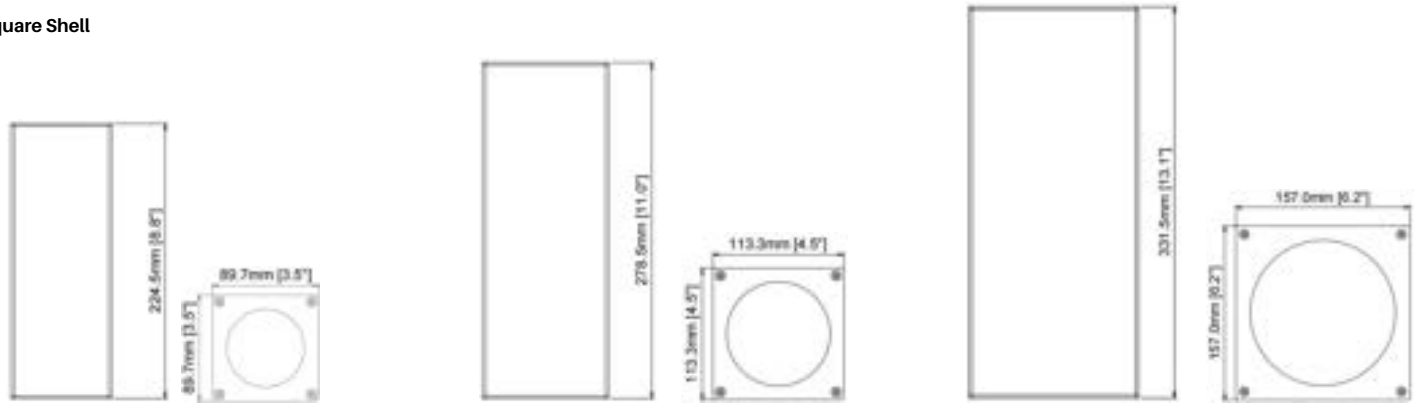
DIMENSION



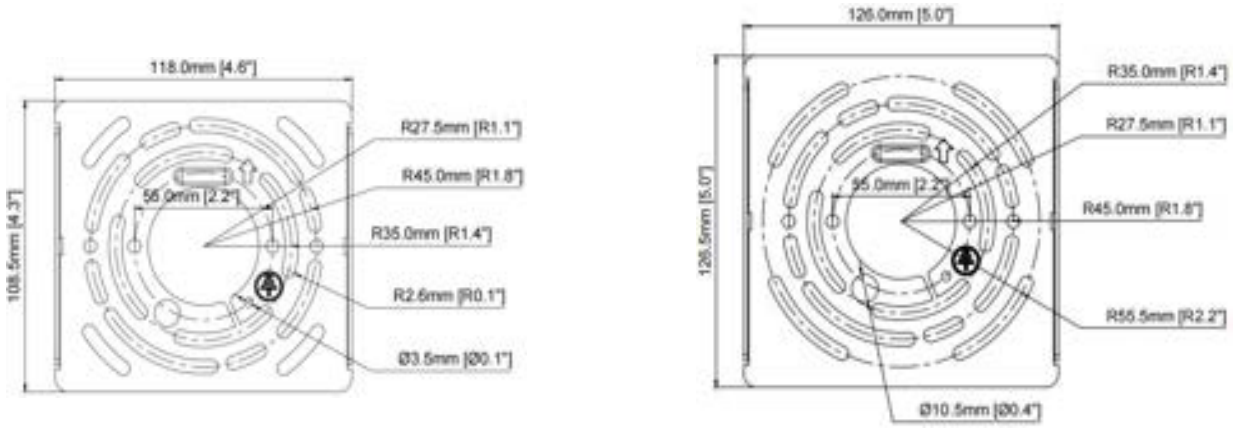
3″ 4″ 6″

Square Shell



3″ 4″ 6″

Mounting Plates



3″& 4″ 6″

WP2029 LED WALL SCONCE (CYLINDER) LIGHT

PERFORMANCE DATA

PRODUCT CODE	SIZE	Input Watts	Lighting Direction		BEAM ANGLE	VOLTAGE	CCT
			UP watts	Down watts			
WP2029	3″	10/8/6W Selectable	10/8/6W	0W	25/40/60° (Selectable)	AC120-347V	3000K, 4000K, 5000K (Selectable)
			5/4/3W	5/4/3W			
			0W	10/8/6W			
	4″	20/16/12W Selectable	20/16/12W	0W			
			10/8/6W	10/8/6W			
			0W	20/16/12W			
	6″	36/28/21W Selectable	36/28/21W	0W			
			18/14/10.5W	18/14/10.5W			
			0W	36/28/21W			

1. All above efficacy and lumens are subject to CRI>80 @4000K @40° @full lighting direction, beam angle is based on down lighting direction, please check IES files for accurate data.
2. Factory default settings: Photocell is ON, Max wattage, 4000K, 40°, lighting direction is full.

PRODUCT CODE	SIZE	INPUT WATTS	BEAM ANGLE	CCT	MEASURED LUMENS(LM)	MEASURED EFFICIENCY (LM/W)
WP2029	3″	10W	25°	3000K	1,382	145.2
				4000K	1,448	155.7
				5000K	1,438	150.2
			40°	3000K	1,364	145.1
				4000K	1,433	155.5
				5000K	1,443	153.1
			60°	3000K	1,333	140.3
				4000K	1,409	151.1
				5000K	1,396	147.0
WP2029	3″	8W	25°	3000K	1,196	146.5
				4000K	1,248	156.1
				5000K	1,254	151.4
			40°	3000K	1,195	146.6
				4000K	1,230	155.2
				5000K	1,243	153.5
			60°	3000K	1,164	141.9
				4000K	1,226	152.0
				5000K	1,216	148.1
WP2029	3″	6W	25°	3000K	901	147.9
				4000K	926	156.0
				5000K	937	153.2
			40°	3000K	880	147.4
				4000K	906	154.4
				5000K	926	154.0
			60°	3000K	866	143.7
				4000K	904	152.8
				5000K	906	151.2

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PERFORMANCE DATA

PRODUCT CODE	SIZE	INPUT WATTS	BEAM ANGLE	CCT	MEASURED LUMENS(LM)	MEASURED EFFICIENCY (LM/W)
WP2029	4″	20W	25°	3000K	2,777	144.3
				4000K	2,916	155.4
				5000K	2,889	149.6
			40°	3000K	2,794	147.5
				4000K	2,924	157.6
				5000K	2,958	154.6
			60°	3000K	2,761	144.2
				4000K	2,917	156.0
				5000K	2,879	149.9
WP2029	4″	16W	25°	3000K	2,330	146.7
				4000K	2,438	156.9
				5000K	2,439	152.9
			40°	3000K	2,343	150.2
				4000K	2,432	159.0
				5000K	2,452	155.8
			60°	3000K	2,326	147.1
				4000K	2,450	157.9
				5000K	2,408	152.9
WP2029	4″	12W	25°	3000K	1,826	149.8
				4000K	1,897	158.6
				5000K	1,911	155.3
			40°	3000K	1,831	152.2
				4000K	1,900	160.0
				5000K	1,941	159.4
			60°	3000K	1,825	150.2
				4000K	1,903	159.4
				5000K	1,903	156.3
WP2029	6″	36W	25°	3000K	5,120	149.4
				4000K	5,355	160.4
				5000K	5,331	155.3
			40°	3000K	5,246	154.5
				4000K	5,482	165.0
				5000K	5,570	162.7
			60°	3000K	5,184	151.5
				4000K	5,481	163.6
				5000K	5,404	158.0
WP2029	6″	28W	25°	3000K	4,360	152.2
				4000K	4,505	161.5
				5000K	4,576	158.9
			40°	3000K	4,443	157.8
				4000K	4,626	166.3
				5000K	4,652	163.6
			60°	3000K	4,499	155.4
				4000K	4,733	166.4
				5000K	4,564	160.8
WP2029	6″	21W	25°	3000K	3,334	155.1
				4000K	3,441	164.1
				5000K	3,506	162.1
			40°	3000K	3,366	159.3
				4000K	3,492	166.9
				5000K	3,534	165.9
			60°	3000K	3,359	157.4
				4000K	3,500	166.3
				5000K	3,516	164.0

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ACCESSORIES

4W Helpower Emergency driver for 4" and 6" fixture

Square shell

ORDERING INFORMATION

WP2029					

Series SKU	Size	Wattage	Input Voltage	CCT	ACCESSORIES
WP2029	**03:** 3″	**010:** 10W / 8W / 6W (Selectable)	**U:** 120-347V	**CT:** CCT Selectable (30K/40K/50K)	**EM:** Emergency driver **SQ:** Square shell
	04: 4″	**020:** 20W / 16W / 12W (Selectable)			
	06: 6″	**036:** 36W / 28W / 21W (Selectable)			

Example: WP2029-04020U-CTEM

Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT:

NOTE