

CYLINDER LIGHT

Series VCL01



ValueEngineeredLighting
ARCHITECTURAL LIGHTING PRODUCTS

Cylinder light is designed to complement the environment without being obtrusive, providing a softer outer appearance. The VCL01 has a powerful feature, it supports on-site adjustment of three color temperatures (3000K/4000K/5000K) and four output lumen values, which greatly improves the flexibility of product installation and stocking. Ideal for applications such as lighting walkways and stairways for safety and security, and as accent lighting around entrance doors in commercial, multi-family and single family residential settings.



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 in CCT adjustable, the CCT can be changed to 3000K/4000K/5000K (CRI80).
- Scalable Lumen Packages from 1,900 to 4,150 Lumens.
- The professional prismatic design offers a good light distribution control and guarantees the uniformity.
- Available in beam angle: 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.
- Both drivers have a power factor >90%, THD <15%.
- Operating Temperature Range: -30°C to 50°C (-22°F - + 122°F).

Lifespan

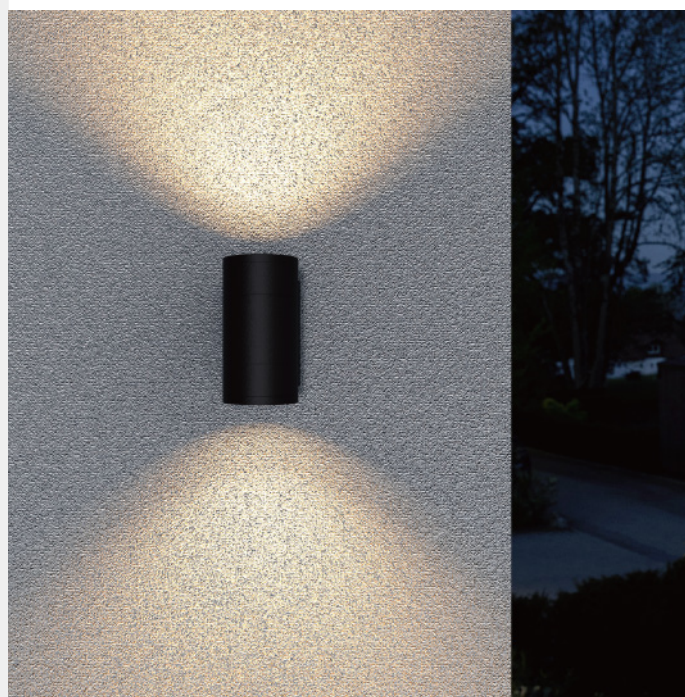
- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year limited warranty.

Note

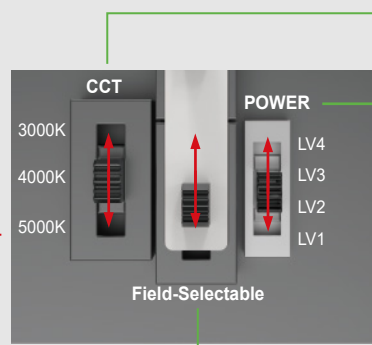
- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.





CCT AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output and color temperature on-site.



CCT selectable:
3000K, 4000K, 5000K

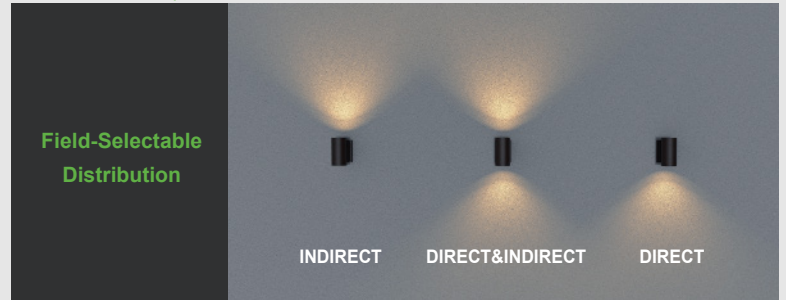
Power adjustment range:
Direct & Indirect: 36W-30W-20W-15W
Direct / Indirect: 25W-22.5W-20W-14.6W

Photocell Cap

Disable

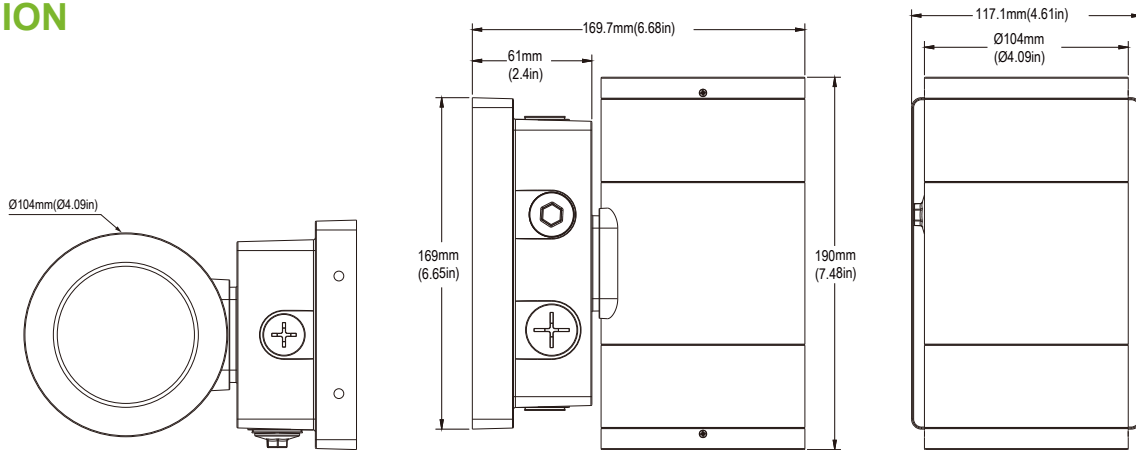


Enable



DIMENSION

unit: mm/inch



PERFORMANCE DATA

VCL01 25W @50° (Up only/Down only)							
SETTING	SYSTEM WATTS	3000K		4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
Level 1	25W	1720lm	69 lm/W	1860lm	74 lm/W	1750lm	70 lm/W
Level 2	22.5W	1570lm	70 lm/W	1680lm	75 lm/W	1620lm	72 lm/W
Level 3	20W	1420lm	71 lm/W	1540lm	77 lm/W	1450lm	73 lm/W
Level 4	14.6W	1080lm	74 lm/W	1170lm	80 lm/W	1100lm	75 lm/W

VCL01 25W @60° (Up only/Down only)

SETTING	SYSTEM WATTS	3000K		4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
Level 1	25W	2050	82	2200	88	2130	85
Level 2	22.5W	1860	83	2030	90	1940	86
Level 3	20W	1670	84	1820	91	1740	87
Level 4	14.6W	1270	87	1350	92	1320	90

VCL01 25W @70° (Up only/Down only)

SETTING	SYSTEM WATTS	3000K		4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
Level 1	25W	2240	90	2440	98	2360	94
Level 2	22.5W	2060	92	2240	100	2160	96
Level 3	20W	1860	93	2030	102	1940	97
Level 4	14.6W	1400	96	1550	106	1480	101

VCL01 36W @50° (Full)

SETTING	SYSTEM WATTS	3000K		4000K		5000K	
		LUMENS (90CRI)	LPW (90CRI)	LUMENS (90CRI)	LPW (90CRI)	LUMENS (90CRI)	LPW (90CRI)
Level 1	36W	2380	66	2530	70	2450	68
Level 2	30W	2030	68	2160	72	2080	69
Level 3	22W	1540	70	1640	75	1580	72
Level 4	15W	1100	73	1190	79	1130	75

VCL01 36W @60° (Full)

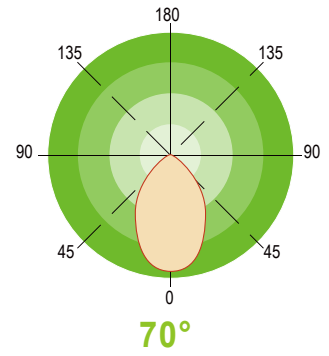
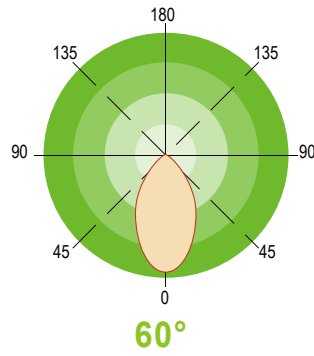
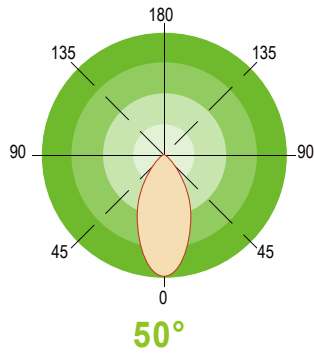
SETTING	SYSTEM WATTS	3000K		4000K		5000K	
		LUMENS (90CRI)	LPW (90CRI)	LUMENS (90CRI)	LPW (90CRI)	LUMENS (90CRI)	LPW (90CRI)
Level 1	36W	2870	80	3040	84	2960	82
Level 2	30W	2420	81	2560	85	2520	84
Level 3	22W	1830	83	1910	87	1880	85
Level 4	15W	1300	87	1380	92	1350	90

VCL01 36W @70° (Full)

SETTING	SYSTEM WATTS	3000K		4000K		5000K	
		LUMENS (90CRI)	LPW (90CRI)	LUMENS (90CRI)	LPW (90CRI)	LUMENS (90CRI)	LPW (90CRI)
Level 1	36W	3130	87 lm/W	3460	96	3280	91
Level 2	30W	2640	88	2930	98	2750	92
Level 3	22W	1970	90	2200	100	2080	95
Level 4	15W	1440	96	1600	107	1520	101

PHOTOMETRICS

Three optics are designed for specific uses to meet all your application needs.



ORDERING GUIDE

Example: VCL01 36W27V DDK Y Y Y Y

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Optional)	CCT and Power Adjustable	Beam Angle	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"/>
VCL01 Cylinder Series	25W 36W	27V 120-277V	DDK Adjustable color temperature	D Dark Bronze B Black W White	P With Photocell	AD With Adjustment Dial	50 50 degree 60 60 degree 70 70 degree	Blank Alphanumeric