

CYL-UPDN

UP/DN Cylinder Luminaire Lumen & Kelvin Selectable



Project:	
Type:	
Catalog #:	

STANDARDS



HOUSING

- Premium powder-coat, aluminum, dark bronze housing.

ELECTRICAL

- Operating temperature (ambient): -40°C to 45°C (-40°F to 113°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- Field selectable output, with 3 levels for each model.
- 0-10VDC dimming drivers are standard.
- Internal switch allows a choice of up only, down only, or both up and down.
- Internal photocell is standard. Photocell can be enabled or disabled by switch.
- Surge protection = 4kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

OPTICAL SYSTEM

- High temperature resistant toughened glass lens.
- Field selectable 3000k(warm white), 4000k (neutral white) and 5000k (cool white) color temperatures*.
- CYL-UPDN-976L-3CCT provides a range of 600 to 900 nominal lumens*.
- CYL-UPDN-201712L-3CCT provides a range of 1,200 to 2,000 nominal lumens*.
- CYL-UPDN-302722L-3CCT provides a range of 2,200 to 3,000 nominal lumens*.
- Long-life LEDs provide 140,000 hours of operation with at least 70% of initial lumen output (L70)**.
- Beam angle 35°.
- LED color maintenance < 0.00342 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color rendering index > 90.

* Default 4000k color temperature and highest lumen output.

**L70 hours are IES TM-21-11 calculated hours.



MOUNTING

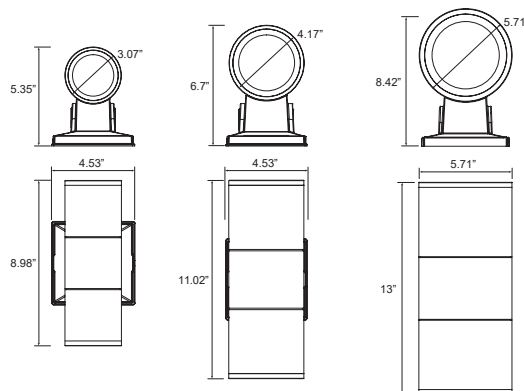
- Wall mount kit
- Easy installation in new construction or retrofit applications.

CODE COMPLIANCE

- cULus listed for wet locations.
- Complies with FCC part 15, class B.
- IP65 rated for ingress protection.

WARRANTY

- 5 year warranty on all electronics and housing.



Model #	L (in)	W (in)	H (in)	Ø(in)	Weight (lbs)
CYL-UPDN-976L-3CCT	4.53	5.35	8.98	3.07	2.65
CYL-UPDN-201712L-3CCT	4.53	6.7	11.02	4.17	4.13
CYL-UPDN-302722L-3CCT	5.71	8.42	13	5.71	6.48

ORDERING INFORMATION

Example: CYL-UPDN-302722L-3CCT

Series	Nominal Lumen Output (Selectable)		Kelvin Selectable
CYL-UPDN	976L	900 / 700 / 600	3CCT 3K / 4K / 5K
	201712L	2,000 / 1,700 / 1,200	
	302722L	3,000 / 2,700 / 2,200	

COMPATIBLE DIMMERS AND CONTROLS

Manufacturer	Model Number	Dimmer Range	Load Switching Capacity
Best Lighting	DWS-010V-T	10%-100%	600W
Best Lighting	DWS-010V-D	10%-100%	600W
Leviton	IP710-LFZ	10%-100%	1200W
Lutron	DVSTV	10%-100%	450W

LUMEN TABLES

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
CYL-UPDN-976L-3CCT	Lumens	502	565	590	625	707	735	763	864	894
	Watt	6.07	5.99	6.06	7.62	7.49	7.61	9.37	9.19	9.33
	Efficacy	83	94	97	82	94	97	81	94	96

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
CYL-UPDN-201712L-3CCT	Lumens	1115	1225	1277	1487	1662	1716	1739	1959	1999
	Watt	12.31	12.14	12.32	16.82	16.61	16.88	20.07	19.79	20.1
	Efficacy	91	101	104	88	100	102	87	99	99

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
CYL-UPDN-302722L-3CCT	Lumens	2004	2162	2237	2443	2660	2716	2663	2912	2979
	Watt	23.65	23.48	23.91	29.88	29.63	30.09	34.66	34.43	34.85
	Efficacy	85	92	94	82	90	90	77	85	85

ELECTRICAL DATA

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
CYL-UPDN-976L-3CCT	3000k	0.05	0.03	0.02	0.06	0.03	0.03	0.08	0.04	0.03
	4000k	0.05	0.02	0.02	0.06	0.03	0.03	0.08	0.04	0.03
	5000k	0.05	0.03	0.02	0.06	0.03	0.03	0.08	0.04	0.03

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
CYL-UPDN-201712L-3CCT	3000k	0.10	0.05	0.04	0.14	0.07	0.06	0.17	0.08	0.07
	4000k	0.10	0.05	0.04	0.14	0.07	0.06	0.16	0.08	0.07
	5000k	0.10	0.05	0.04	0.14	0.07	0.06	0.17	0.08	0.07

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
CYL-UPDN-302722L-3CCT	3000k	0.20	0.10	0.09	0.25	0.12	0.11	0.29	0.14	0.13
	4000k	0.20	0.10	0.08	0.25	0.12	0.11	0.29	0.14	0.12
	5000k	0.20	0.10	0.09	0.25	0.13	0.11	0.29	0.15	0.13

PHOTOMETRICS

CYL-UPDN-976L-3CCT

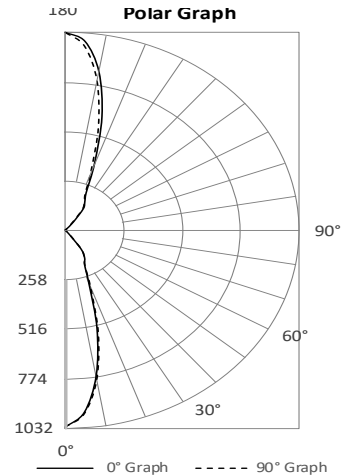
Luminaire Data

Description	Up Down Wall Cylinder Lumen and Kelvin Select
Total Lumens	864
Input Wattage	9
Efficacy (lm/W)	94
Max. Cd.	1034.1 (292.5H, 179V)
IES Classification	N.A.
Longitudinal Classification	N.A.

Photometrics calculated at 4000k
and highest lumen setting.

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	166	19.2%
FM 30-60	40	4.7%
FH 60-80	1	0.1%
FVH 80-90	0	0.0%
BL 0-30	177	20.4%
BM 30-60	46	5.3%
BH 60-80	1	0.1%
BVH 80-90	0	0.0%
UL 90-100	0	0.1%
UH 100-180	432	50.1%
Total	864	100.0%
BUG Rating	B1-U3-G0	



CYL-UPDN-201712L-3CCT

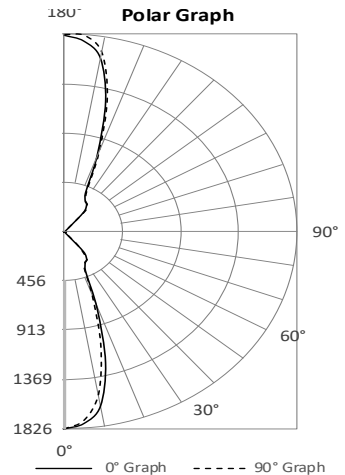
Luminaire Data

Description	Up Down Wall Cylinder Lumen and Kelvin Select
Total Lumens	1,959
Input Wattage	20
Efficacy (lm/W)	99
Max. Cd.	1843.6 (67.5H, 177V)
IES Classification	N.A.
Longitudinal Classification	N.A.

Photometrics calculated at 4000k
and highest lumen setting.

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	353	18.0%
FM 30-60	133	6.8%
FH 60-80	13	0.6%
FVH 80-90	6	0.3%
BL 0-30	332	17.0%
BM 30-60	125	6.4%
BH 60-80	12	0.6%
BVH 80-90	6	0.3%
UL 90-100	12	0.6%
UH 100-180	967	49.4%
Total	1,959	100.0%
BUG Rating	B1-U4-G0	



CYL-UPDN-302722L-3CCT

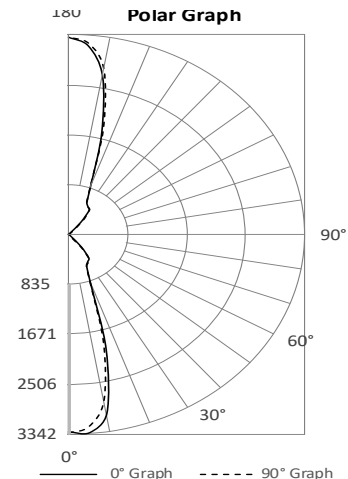
Luminaire Data

Description	Up Down Wall Cylinder Lumen and Kelvin Select
Total Lumens	2,912
Input Wattage	34
Efficacy (lm/W)	85
Max. Cd.	3358.3 (337.5H, 6V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Photometrics calculated at 4000k
and highest lumen setting.

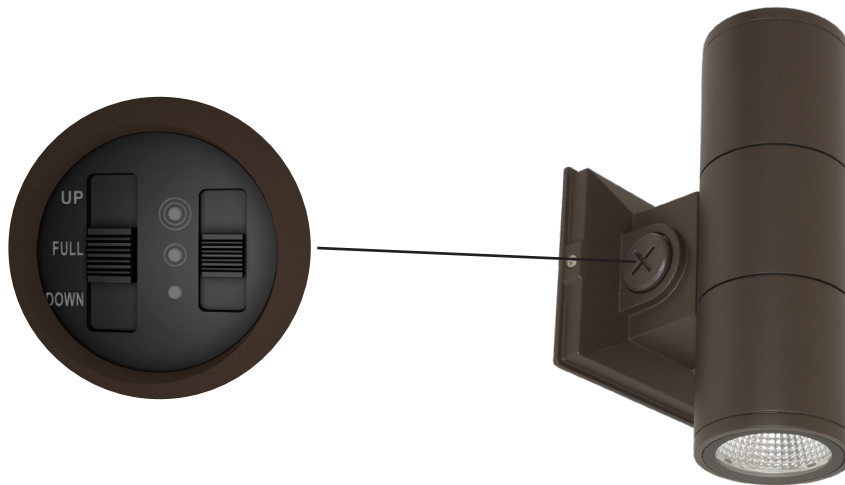
Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	553	19.0%
FM 30-60	180	6.2%
FH 60-80	4	0.1%
FVH 80-90	1	0.0%
BL 0-30	536	18.4%
BM 30-60	178	6.1%
BH 60-80	5	0.2%
BVH 80-90	1	0.0%
UL 90-100	1	0.0%
UH 100-180	1,454	49.9%
Total	2,912	100.0%
BUG Rating	B2-U5-G0	



DIP switch for Wattage & Light option

Factory default setting :
Wattage: High Power
Light option: FULL



DIP switch for CCT and Photocell

Factory default setting :
CCT: 4000K
Photocell: OFF

