

SPECIFICATIONS

INDOOR

HOUSING

- Steel housing
- White powder coat finish standard
- Easy installation in new construction or retrofit

ELECTRICAL

- Quad Tap (QT) - 120/208/240/277V
- 0-10V Dimmable Driver standard
- Operating Temperature: -25°C to 50°C (-13°F to 122°F).
- Power Factor > 0.90
- 1.0kV Surge protection
- THD < 20%

OPTICAL SYSTEM

- PMMA frosted lens
- 190,000 hours @ L₇₀
- CRI > 80
- MCT: Field Selectable; 3500K, 4000K, 5000K
- PMMA Frosted Lens

MOUNTING

- Surface Mount

CODE COMPLIANCE

- cULus Listed for Damp Locations
- DLC Premium Approved
- FCC Part 15, Class A
- UL924 with Emergency Driver
- DLC Premium

WARRANTY

- 5 Year



VLSW3-B-MCT LED Wattage and Color Selectable Stairwell Light

ORDERING INFORMATION

CATALOG #	Length	Wattage	Lumens	Color
VLSW3-B-2X1L-QT-MCT	2'	15W/20W/25W	2,100 / 2,700 / 3,300	35K/40K/50K
VLSW3-B-4X1L-QT-MCT	4'	29W/34W/46W	4,200 / 4,800 / 6,000	35K/40K/50K

OPTIONS (Factory Installed)

OCS	- Microwave Occupancy Sensor
EM5	- 5W Emergency Battery
EM10	- 10W Emergency Battery
EM13	- 13W Emergency Battery (4' model only)

ACCESSORIES (order separately, ships on side)

HD03R	- Remote for Sensor
-------	---------------------



Model	L	W	H	Lbs
2X1L	22.25"	4.25"	4.0"	3.70 lbs
4X1L	48"	4.5"	4"	8 lbs

LUMEN INFORMATION

Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLSW3-B-2X1L-QT-MCT	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
	2048 Lm	2132 Lm	2124 Lm	2728 Lm	2880 Lm	2789 Lm	3249 Lm	3462 Lm	3324 Lm
	15W	14W	15W	20W	20W	20W	25W	24W	25W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLSW3-B-4X1L-QT-MCT	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
	4245 Lm	4311 Lm	4208 Lm	4820 Lm	4941 Lm	4792 Lm	6226 Lm	6499 Lm	6056 Lm
	29W	28W	29W	34W	33W	34W	46W	45W	46W

ELECTRICAL INFORMATION

Catalog #	Input Amps (A)								
	Low Lumens			Mid Lumens			High Lumens		
	120V	240V	277V	120V	240V	277V	120V	240V	277V
VLSW3-2X1L-B-QT-MCT (35K)	0.13	0.06	0.06	0.17	0.09	0.08	0.21	0.11	0.09
VLSW3-2X1L-B-QT-MCT (40K)	0.12	0.06	0.05	0.17	0.08	0.07	0.20	0.10	0.09
VLSW3-2X1L-B-QT-MCT (50K)	0.13	0.06	0.06	0.17	0.09	0.07	0.21	0.11	0.09
Catalog #	Input Amps (A)								
	Low Lumens			Mid Lumens			High Lumens		
	120V	240V	277V	120V	240V	277V	120V	240V	277V
VLSW3-4X1L-B-QT-MCT (35K)	0.24	0.12	0.10	0.28	0.14	0.12	0.38	0.19	0.17
VLSW3-4X1L-B-QT-MCT (40K)	0.23	0.12	0.10	0.28	0.14	0.12	0.38	0.19	0.16
VLSW3-4X1L-B-QT-MCT (50K)	0.24	0.12	0.10	0.28	0.14	0.12	0.38	0.19	0.17

COMPATIBILITY

Installed Emergency Drivers

Catalog #	EM5		EM10	
	Watts	EM Lumens	Watts	EM Lumens
VLSW3-2X1L-B-QT-MCT	5.0W	600	10W	1200

Compatible Dimmers

Manufacturer	Model #	Dimming 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

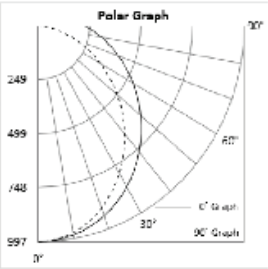
Catalog #	EM5		EM10		EM13	
	Watts	EM Lumens	Watts	EM Lumens	Watts	EM Lumens
VLSW3-4X1L-B-QT-MCT	5.0W	600	10W	1200	13W	1560

PHOTOMETRICS

VLSW3-B-2X1L-QT-MCT

Luminaire Data	
Description	3FT Stairwell Luminaire - Full Spectrum and Kelvin Select
Total Lumens	3,324
Input Wattage	25
Efficacy (lm/W)	133
Spacing Criterion (0-180°)	1.3
Spacing Criterion (90-270°)	1.2

Zonal Lumen Summary		
Zone	Lumens	%Fkt
0-30°	363	10.9%
0-90°	767	23.1%
0-40°	1,751	52.6%
20-50°	1,350	40.8%
40-70°	1,346	40.5%
0-60°	2,226	66.7%
0-80°	2,577	77.5%
0-90°	3,028	91.0%
90-180°	266	8.0%
0-180°	3,294	100.0%



VLSW3-B-4X1L-QT-MCT

Luminaire Data	
Description	Stairwell Luminaire - Full Spectrum - 5K
Total Lumens	6,056
Input Wattage	46
Efficacy (lm/W)	131
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.32

Zonal Lumen Summary		
Zone	Lumens	%Fkt
0-20°	617	10.2%
0-30°	1,315	21.7%
0-40°	2,160	35.8%
20-50°	2,462	40.7%
40-70°	2,492	41.1%
0-60°	3,937	65.0%
0-80°	5,198	85.8%
0-90°	5,547	91.6%
90-180°	509	8.4%
0-180°	6,056	100.0%

