

SPECIFICATIONS

OUTDOOR

HOUSING

- Heavy duty die cast aluminum housing
- Dark bronze powdercoat finish
- Corrosion resistant housing and hardware
- OxyShield 9-stage anti-oxidation process
- Silicone rubber gasket
- Easy installation in new construction or retrofit

ELECTRICAL

- Quad Tap (QT) - 120-277V
- 277-480V available
- 0-10vdc dimmable driver standard
- Operating Temperature: -40°F (-40°C) - 122°F (50°C)
- 6kV surge protection standard

OPTICAL SYSTEM

- Polycarbonate Lens
- High quality heat sinks for temperature control
- IC current controlled LED circuits
- 162,000 hours @ L₇₀
- CRI > 80
- Power Factor > 0.90
- THD < 20%
- MCT field selectable (30K/40K/50K)
- IES roadway distributions include types III and V

MOUNTING

- Mounting hardware must be selected upon ordering
- Arm, slip fitter, trunnion, and yoke mounts available
- Bullhorns and tenon adapters offered

CODE COMPLIANCE

- cULus Listed for Wet Locations
- IP65 Rated
- DLC Premium Listed
- FCC Compliant

WARRANTY

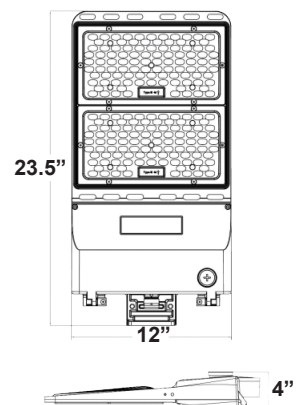
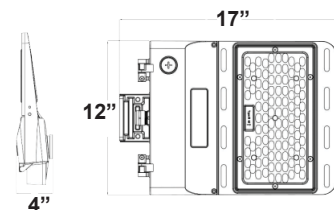
- 5 Year



VLAL29-B-MCT

Color Selectable

Multi-Purpose Area Light



CATALOG #	Description
VLAL29-B-1L-QT-MCT-*	101-187W, 14,000 - 26,000 Lumens
VLAL29-B-2L-QT-MCT-*	197-303W, 29,000 - 44,000 Lumens
*Specify Distribution: T3 , T5	

Options (ships installed)

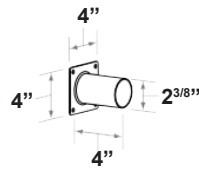
- 480V** - 277-480V (replaces QT in part number)
- TWLPC3R** - 3-Pin Twist Lock Photocell Receptacle (PC sold separately)

Accessories on 2nd Page

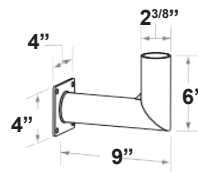
Model	EPA		
	Front	Side	Face
1L	1.4 s.f.	0.5 s.f.	0.4 s.f.
2L	2.0 s.f.	0.7 s.f.	0.3 s.f.

Accessories (order separately, ships on side)

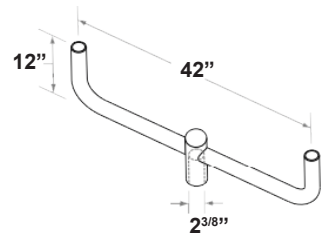
PC-B-NEMA	- NEMA Photocell
VLAL29-B-ARM	- Arm Mount
VLAL29-B-ARMA	- Adjustable Arm Mount
VLAL31-B-SF	- Slip Fitter
VLAL31-B-SB	- Trunnion Mount
VLAL31-B-AY	- Yoke Mount
VLAL29-B-WMB	- Wall Mount Bracket
VLAL29-B-WMB90	- Wall Mount Bracket 90°
VLAL29-B-BH2-180	- Double 180° Bullhorn Mounting Bracket
VLAL-RPT4	- 4" Round Pole Tenon
VLAL-RPT5	- 5" Round Pole Tenon
VLAL-SPT4	- 4" Square Pole Tenon
VLAL-SPT5	- 5" Square Pole Tenon
VLAL-B-TEN290	- 90° Double Tenon Adapter
VLAL-B-TEN2180	- 180° Double Tenon Adapter
VLAL-B-TEN390	- 90° Triple Tenon Adapter
VLAL-B-TEN3120	- 120° Triple Tenon Adapter
VLAL-B-TEN490	- 90° Quadruple Tenon Adapter



VLAL29-B-WMB



VLAL29-B-WMB90



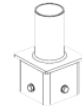
VLAL29-B-BH2-180



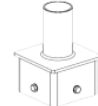
VLAL-B-RPT4



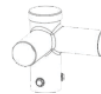
VLAL-B-RTP5



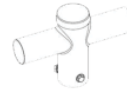
VLAL-B-SPT4



VLAL-B-SPT5



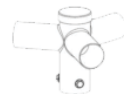
VLAL-B-TEN290



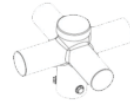
VLAL-B-TEN2180



VLAL29-B-TEN390



VLAL-B-TEN3120



VLAL-B-TEN490

LUMEN INFORMATION

Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29-1L-MCT-T3	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	14,649 Lm	16,173 Lm	15,115 Lm	20,273 Lm	22,824 Lm	20,939 Lm	24,056 Lm	26,598 Lm	24,591 Lm
	101W	100W	102W	150W	146W	152W	186W	178W	187W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29-1L-MCT-T5	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	15,049 Lm	16,748 Lm	15,656 Lm	20,616 Lm	23,398 Lm	21,498 Lm	24,156 Lm	26,788 Lm	25,153 Lm
	101W	100W	102W	150W	145W	151W	186W	178W	187W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29-2L-MCT-T3	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	28,924 Lm	32,211 Lm	30,104 Lm	33,874 Lm	37,248 Lm	35,150 Lm	40,091 Lm	44,173 Lm	41,188 Lm
	204W	198W	204W	248W	232W	247W	303W	284W	303W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29-2L-MCT-T5	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	29,447 Lm	33,006 Lm	30,873 Lm	34,329 Lm	37,862 Lm	35,862 Lm	39,723 Lm	44,079 Lm	41,462
	204W	197W	203W	247W	231W	246W	298W	283W	297W

ELECTRICAL INFORMATION

Catalog #	Input Amps (A)								
	Low Lumens			Mid Lumens			High Lumens		
	120V	240V	277V	120V	240V	277V	120V	240V	277V
VLAL29-B-1L-MCT-T3 (30K)	0.84	0.42	0.36	1.25	0.63	0.54	1.55	0.78	0.67
VLAL29-B-1L-MCT-T3 (40K)	0.83	0.42	0.36	1.22	0.61	0.53	1.48	0.74	0.64
VLAL29-B-1L-MCT-T3 (50K)	0.85	0.43	0.37	1.27	0.63	0.55	1.56	0.78	0.68
VLAL29-B-1L-MCT-T5 (30K)	0.84	0.42	0.36	1.25	0.63	0.54	1.55	0.78	0.67
VLAL29-B-1L-MCT-T5 (40K)	0.83	0.42	0.36	1.21	0.60	0.52	1.48	0.74	0.64
VLAL29-B-1L-MCT-T5 (50K)	0.85	0.43	0.37	1.26	0.63	0.55	1.56	0.78	0.68
VLAL29-B-2L-MCT-T3 (30K)	1.70	0.85	0.74	2.07	1.03	0.90	2.53	1.26	1.09
VLAL29-B-2L-MCT-T3 (40K)	1.65	0.82	0.71	1.93	0.97	0.84	2.37	1.18	1.03
VLAL29-B-2L-MCT-T3 (50K)	1.70	0.85	0.74	2.06	1.03	0.89	2.53	1.26	1.09
VLAL29-B-2L-MCT-T5 (30K)	1.70	0.85	0.74	2.06	1.03	0.89	2.48	1.24	1.08
VLAL29-B-2L-MCT-T5 (40K)	1.64	0.82	0.71	1.93	0.96	0.83	2.36	1.18	1.02
VLAL29-B-2L-MCT-T5 (50K)	1.69	0.85	0.73	2.05	1.03	0.89	2.48	1.24	1.07

PHOTOMETRICS

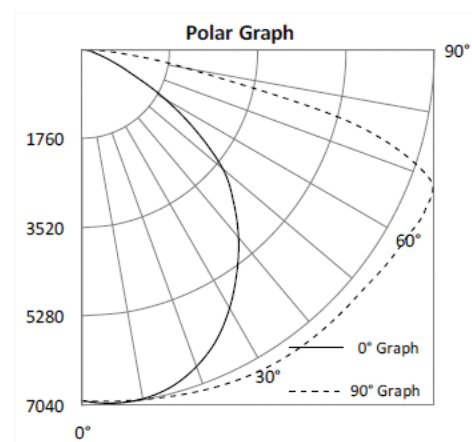
VLAL29-B-1L-QT-MCT-T3

Luminaire Data

Description	Multi Purpose Area Light
Total Lumens	24,601
Input Wattage	187
Efficacy (lm/W)	131
Max. Cd.	7588.58 (90H, 67V)
IES Classification	Type III
Longitudinal Classification	Medium

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	2,904	11.8%
FM 30-60	6,494	26.4%
FH 60-80	3,240	13.2%
FVH 80-90	323	1.3%
BL 0-30	2,684	10.9%
BM 30-60	5,794	23.6%
BH 60-80	2,933	11.9%
BVH 80-90	229	0.9%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	24,601	100.0%
BUG Rating	B4-U0-G4	



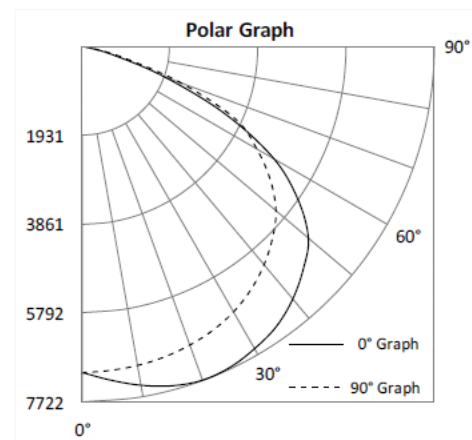
VLAL29-B-1L-QT-MCT-T5

Luminaire Data

Description	Multi Purpose Area Light
Total Lumens	25,157
Input Wattage	187
Efficacy (lm/W)	135
Max. Cd.	7742.22 (337.5H, 22V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)

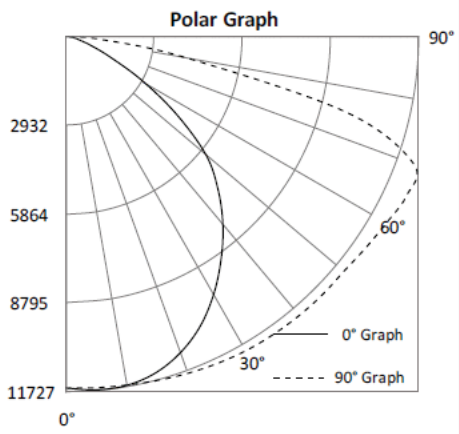
LCS Zone	Lumens	%Lum
FL 0-30	3,101	12.3%
FM 30-60	7,290	29.0%
FH 60-80	2,486	9.9%
FVH 80-90	42	0.2%
BL 0-30	2,784	11.1%
BM 30-60	6,505	25.9%
BH 60-80	2,884	11.5%
BVH 80-90	66	0.3%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	25,157	100.0%
BUG Rating	B4-U0-G2	



VLAL29-B-2L-QT-MCT-T3

Luminaire Data	
Description	Multi Purpose Area Light
Total Lumens	41,239
Input Wattage	302
Efficacy (lm/W)	136
Max. Cd.	12840.24 (270H, 67V)
IES Classification	Type III
Longitudinal Classification	Medium

Luminaire Classification Systems (LCS)			
LCS Zone		Lumens	%Lum
FL	0-30	4,831	11.7%
FM	30-60	10,848	26.3%
FH	60-80	5,398	13.1%
FVH	80-90	483	1.2%
BL	0-30	4,488	10.9%
BM	30-60	9,786	23.7%
BH	60-80	5,010	12.1%
BVH	80-90	394	1.0%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		41,239	100.0%
BUG Rating		B5-U0-G5	



VLAL29-B-2L-QT-MCT-T5

Luminaire Data	
Description	Multi Purpose Area Light
Total Lumens	41,980
Input Wattage	302
Efficacy (lm/W)	139
Max. Cd.	12368.81 (360H, 22V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)			
LCS Zone		Lumens	%Lum
FL	0-30	5,024	12.0%
FM	30-60	12,076	28.8%
FH	60-80	4,397	10.5%
FVH	80-90	79	0.2%
BL	0-30	4,671	11.1%
BM	30-60	11,064	26.4%
BH	60-80	4,581	10.9%
BVH	80-90	89	0.2%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		41,980	100.0%
BUG Rating		B5-U0-G2	

