

SPECIFICATIONS

OUTDOOR

HOUSING

- Heavy duty die cast aluminum housing
- Bronze powdercoat finish

ELECTRICAL

- Quad Tap (QT) - 120-277V
- 0-10vdc dimmable driver standard
- Operating Temperature: -40°F (-40°C) - 122°F (50°C)
- 6kV surge protection standard
- 6' Incoming AC power cord and dimming cord

OPTICAL SYSTEM

- Polycarbonate Lens
- Distribution selectable between Type III, VI and V
- 167,000 hours @ L₇₀
- CRI > 80
- Power Factor > 0.90
- THD < 20%
- MCT field selectable (30K/40K/50K)
- Screw in sensor ready. Sensor and remote control sold separately
- Available factory installed NEMA photocell receptacle

MOUNTING

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

CODE COMPLIANCE

- cULus Listed for Wet Locations
- IP65 Rated
- IK08 Rated
- DLC Premium Listed
- FCC Compliant

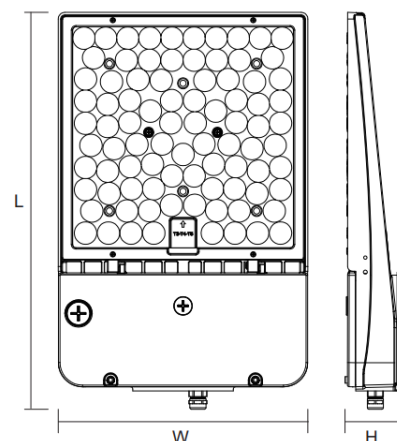
WARRANTY

- 5 Year



VLAL29.5-B-MCT

Color Selectable
Multi-Purpose Area Light
Sensor-Ready



CATALOG #	Wattage	Lumens	CCT
VLAL29.5-B-1L-QT-MCT	105-190W	15,381 - 26,686 Lm	30K/40K/50K
VLAL29.5-B-2L-QT-MCT	197-303W	29,000 - 42,651 Lm	30K/40K/50K

Options (ships installed)

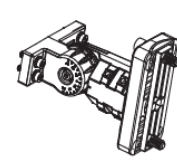
TWLPC3R - 3-Pin NEMA Photocell Receptacle

Accessories on 2nd Page

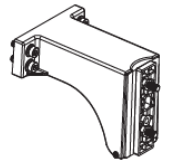
Model	L (in)	W (in)	H (in)
1L	18.52	12.22	2.8
2L	21.26	13.68	2.83

Accessories (order separately, ships on side)

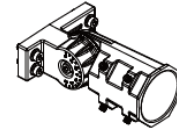
PC-B-NEMA	- 120-277V 3-PIN NEMA Photocell
HD07VR-A-1	- 12VDC Screw-in Photocell, RCA Jack
HD09VR-PH5-1	- PIR Occupancy sensor - 5 dial setting (max height 39')
HD09VR-MH5-1	- Microwave Sensor with step-dimming sensor - 5 dial setting (max height: 49')
HD05R	- Remote control for sensors
VLAL29.5-B-ARMA	- Adjustable Arm Mount (round or square poles)
VLAL29.5-B-ARM	- Arm Mount (2 $\frac{3}{8}$ " Pole or Pole Tenon, round or square poles)
VLAL29.5-B-SF	- Slip Fitter
VLAL29.5-B-SB	- Trunnion Mount
VLAL29.5-B-AYL	- Yoke Mount for 2L models
VLAL29.5-B-AYS	- Yoke Mount for 1L models
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



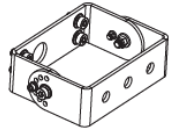
VLAL29.5-B-ARMA



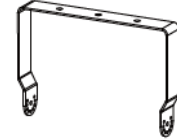
VLAL29.5-B-ARM



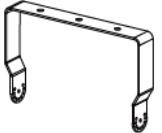
VLAL29.5-B-SF



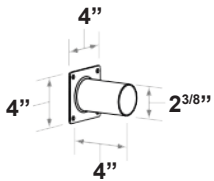
VLAL29.5-B-SB



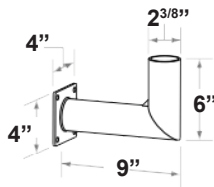
VLAL29.5-B-AYL



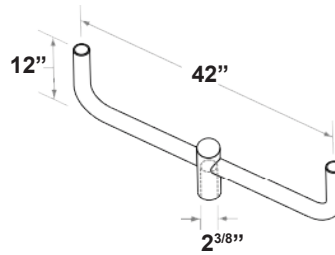
VLAL29.5-B-AYS



VLAL29-B-WMB



VLAL29-B-WMB90



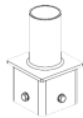
VLAL29-B-BH2-180



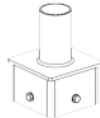
VLAL-B-RPT4



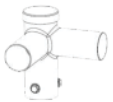
VLAL-B-RTP5



VLAL-B-SPT4



VLAL-B-SPT5



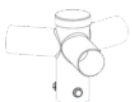
VLAL-B-TEN290



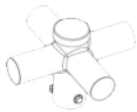
VLAL-B-TEN2180



VLAL29-B-TEN390



VLAL-B-TEN3120



VLAL-B-TEN490

LUMEN INFORMATION

Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29.5-B-1L-QT (Set to T3)	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	15,381 Lm	16,398 Lm	16,338 Lm	21,113 Lm	22,868 Lm	22,615 Lm	23,993 Lm	25,866 Lm	25,124 Lm
	110W	107W	110W	162W	156W	162W	190W	182W	189W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29.5-B-1L-QT (Set to T4)	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	15,976 Lm	16,797 Lm	16,793 Lm	22,052 Lm	23,466 Lm	23,264 Lm	25,016 Lm	26,686 Lm	26,378 Lm
	107W	105W	107W	156W	152W	149W	182W	177W	182W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29.5-B-1L-QT (Set to T5)	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	15,597 Lm	16,503 Lm	16,379 Lm	21,249 Lm	22,836 Lm	22,202 Lm	23,726 Lm	25,760 Lm	25,028 Lm
	110W	107W	110W	162W	156W	162W	189W	182W	189W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29.5-B-2L-QT (Set to T3)	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	28,358 Lm	30,523 Lm	30,063 Lm	33,217 Lm	35,499 Lm	34,522 Lm	37,668 Lm	40,931 Lm	39,524 Lm
	208W	202W	208W	252W	242W	251W	306W	293W	305W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29.5-B-2L-QT (Set to T4)	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	29,808 Lm	31,479 Lm	31,197 Lm	34,596 Lm	36,832 Lm	36,243 Lm	39,855 Lm	42,651 Lm	41,598 Lm
	202W	197W	202W	243W	236W	242W	294W	284W	293W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL29.5-B-2L-QT (Set to T5)	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	28,557 Lm	30,596 Lm	30,044 Lm	32,892 Lm	35,509 Lm	34,603 Lm	37,520 Lm	40,893 Lm	39,484 Lm
	209W	202W	208W	251W	242W	250W	305W	293W	304W

ELECTRICAL INFORMATION

Catalog #	Input Amps (A)								
	Low Lumens			Mid Lumens			High Lumens		
	120V	240V	277V	120V	240V	277V	120V	240V	277V
VLAL29.5-B-1L-MCT-T3 (30K)	0.92	0.46	0.40	1.35	0.67	0.58	1.59	0.79	0.69
VLAL29.5-B-1L-MCT-T3 (40K)	0.89	0.45	0.39	1.30	0.65	0.56	1.52	0.76	0.66
VLAL29.5-B-1L-MCT-T3 (50K)	0.92	0.46	0.40	1.35	0.68	0.59	1.58	0.79	0.68
VLAL29.5-B-1L-MCT-T4 (30K)	0.89	0.45	0.39	1.30	0.65	0.56	1.52	0.76	0.66
VLAL29.5-B-1L-MCT-T4 (40K)	0.88	0.44	0.38	1.27	0.63	0.55	1.47	0.74	0.64
VLAL29.5-B-1L-MCT-T4 (50K)	0.89	0.45	.39	1.30	0.65	0.56	1.52	0.76	0.66
VLAL29.5-B-1L-MCT-T5 (30K)	0.92	0.46	0.40	1.35	0.68	0.59	1.58	0.79	0.68
VLAL29.5-B-1L-MCT-T5 (40K)	0.89	0.45	0.39	1.30	0.65	0.56	1.52	0.76	0.66
VLAL29.5-B-1L-MCT-T5 (50K)	0.92	0.46	0.40	1.35	0.67	0.58	1.58	0.79	0.68
VLAL29.5-B-2L-MCT-T3 (30K)	1.74	0.87	0.75	2.10	1.05	0.91	2.55	1.28	1.11
VLAL29.5-B-2L-MCT-T3 (40K)	1.68	0.84	0.73	2.02	1.01	0.88	2.44	1.22	1.06
VLAL29.5-B-2L-MCT-T3 (50K)	1.74	0.87	0.75	2.09	1.05	0.91	2.54	1.27	1.10
VLAL29.5-B-2L-MCT-T4 (30K)	1.69	0.84	0.73	2.03	1.01	0.88	2.45	1.23	1.06
VLAL29.5-B-2L-MCT-T4 (40K)	1.65	0.82	0.71	1.97	0.99	0.85	2.37	1.19	1.03
VLAL29.5-B-2L-MCT-T4 (50K)	1.68	0.84	0.73	2.02	2.02	0.88	2.44	1.22	1.06
VLAL29.5-B-2L-MCT-T5 (30K)	1.74	0.87	0.75	2.10	1.05	0.91	2.55	1.27	1.10
VLAL29.5-B-2L-MCT-T5 (40K)	1.69	0.84	0.73	2.02	1.01	0.88	2.44	1.22	1.06
VLAL29.5-B-2L-MCT-T5 (50K)	1.74	0.87	0.75	2.09	1.05	0.91	2.54	1.27	1.10

PHOTOMETRICS

VLAL29.5-B-1L-QT-MCT-T3

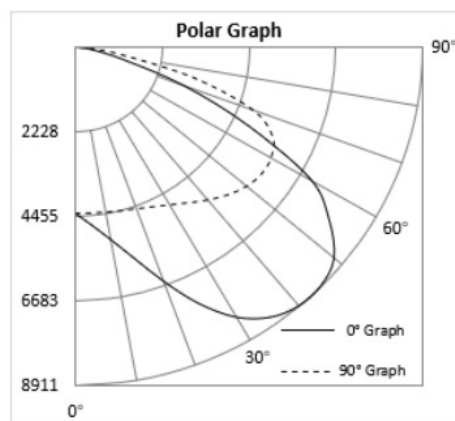
Luminaire Data

Description	CCT, Lumen, and Dist Selectable Area Light
Total Lumens	25,681
Input Wattage	182
Efficacy (lm/W)	141
Max. Cd.	8929.5 (360H, 42V)
IES Classification	Type III
Longitudinal Classification	Very Short

Photometrics calculated at 4000k CCT and highest power setting.

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	2,432	9.5%
FM 30-60	8,499	33.1%
FH 60-90	3,938	15.3%
FVH 80-90	162	0.6%
BL 0-30	1,646	6.4%
BM 30-60	4,440	17.3%
BH 60-90	4,049	15.8%
BVH 80-90	515	2.0%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	25,681	100.0%
BUG Rating	B4-U0-G4	



VLAL29.5-B-1L-QT-MCT-T4

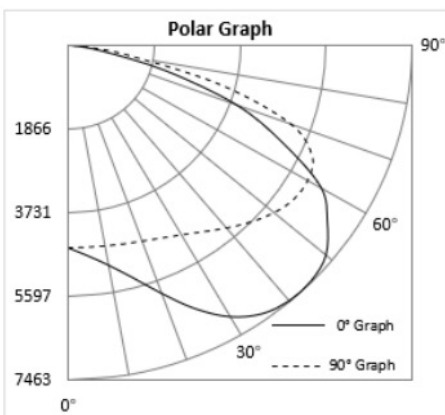
Luminaire Data

Description	CCT, Lumen, and Dist Selectable Area Light
Total Lumens	26,679
Input Wattage	176
Efficacy (lm/W)	151
Max. Cd.	7473.9 (360H, 42V)
IES Classification	Type IV
Longitudinal Classification	Very Short

Photometrics calculated at 4000k CCT and highest power setting.

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	2,291	8.6%
FM 30-60	7,642	28.6%
FH 60-90	4,287	16.1%
FVH 80-90	208	0.8%
BL 0-30	1,827	6.8%
BM 30-60	5,474	20.5%
BH 60-90	4,498	16.9%
BVH 80-90	452	1.7%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	26,679	100.0%
BUG Rating	B4-U0-G4	



VLAL29.5-B-1L-QT-MCT-T5

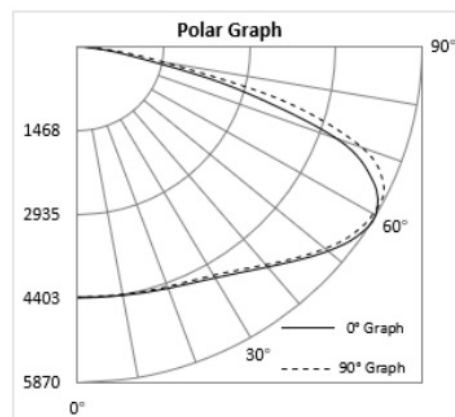
Luminaire Data

Description	CCT, Lumen, and Dist Selectable Area Light
Total Lumens	25,872
Input Wattage	182
Efficacy (lm/W)	142
Max. Cd.	6052.4 (45H, 62V)
IES Classification	Type VS
Longitudinal Classification	Short

Photometrics calculated at 4000k CCT and highest power setting.

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	1,902	7.4%
FM 30-60	6,142	23.7%
FH 60-90	4,524	17.5%
FVH 80-90	238	0.9%
BL 0-30	1,879	7.3%
BM 30-60	6,006	23.2%
BH 60-90	4,843	18.7%
BVH 80-90	338	1.3%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	25,872	100.0%
BUG Rating	B4-U0-G3	



PHOTOMETRICS

VLAL29.5-B-2L-QT-MCT-T3

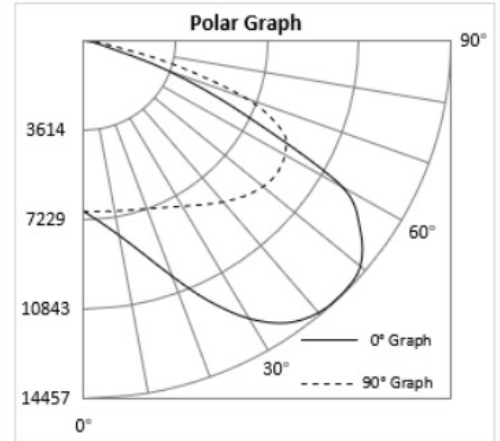
Luminaire Data

Description	CCT, Lumen, and Dist Selectable Area Light
Total Lumens	40,722
Input Wattage	290
Efficacy (lm/W)	140
Max. Cd.	14465 (360H, 44V)
IES Classification	Type III
Longitudinal Classification	Very Short

Photometrics calculated at 4000k CCT and highest power setting.

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	3,792	9.3%
FM 30-60	13,708	33.7%
FH 60-80	6,459	15.9%
FVH 80-90	247	0.6%
BL 0-30	2,598	6.4%
BM 30-60	6,973	17.1%
BH 60-80	6,272	15.4%
BVH 80-90	672	1.7%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	40,722	100.0%
BUG Rating	B5-U0-G5	



VLAL29.5-B-2L-QT-MCT-T4

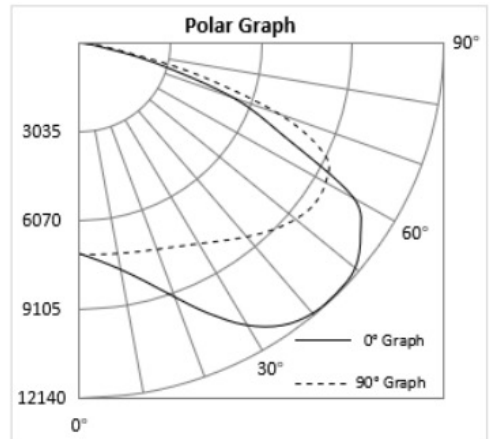
Luminaire Data

Description	CCT, Lumen, and Dist Selectable Area Light
Total Lumens	42,479
Input Wattage	282
Efficacy (lm/W)	151
Max. Cd.	12150 (360H, 43V)
IES Classification	Type IV
Longitudinal Classification	Very Short

Photometrics calculated at 4000k CCT and highest power setting.

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	3,613	8.5%
FM 30-60	12,336	29.0%
FH 60-80	7,002	16.5%
FVH 80-90	315	0.7%
BL 0-30	2,909	6.8%
BM 30-60	8,725	20.5%
BH 60-80	6,987	16.4%
BVH 80-90	591	1.4%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	42,479	100.0%
BUG Rating	B5-U0-G5	



VLAL29.5-B-2L-QT-MCT-T5

Luminaire Data

Description	CCT, Lumen, and Dist Selectable Area Light
Total Lumens	41,022
Input Wattage	290
Efficacy (lm/W)	142
Max. Cd.	9674.1 (22.5H, 61V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Photometrics calculated at 4000k CCT and highest power setting.

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	3,027	7.4%
FM 30-60	9,746	23.8%
FH 60-80	7,354	17.9%
FVH 80-90	360	0.9%
BL 0-30	3,008	7.3%
BM 30-60	9,607	23.4%
BH 60-80	7,498	18.3%
BVH 80-90	421	1.0%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	41,022	100.0%
BUG Rating	B5-U0-G3	

