

SPECIFICATIONS

OUTDOOR

HOUSING

- Heavy duty die cast aluminum housing
- Bronze powdercoat finish
- Corrosion resistant housing and hardware
- OxyShield 9-stage anti-oxidation process
- Silicone rubber gasket

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
- 167,000 hours @ L₇₀
- CRI > 70
- Power Factor > 0.90
- THD < 20%
- MCT field selectable (30K/40K/50K)
- Screw in sensor ready. Sensor and remote control sold separately.
- IES roadway distributions types III and V available

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



VLAL36-B-MCT

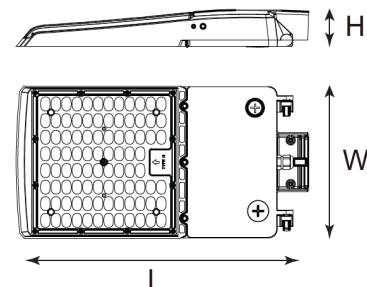
Color Selectable
Multi-Purpose Area Light
Sensor-Ready

CATALOG #	Description
VLAL36-B-1L-QT-MCT-*	101-187W, 14,000 - 26,800 Lumens
VLAL36-B-2L-QT-MCT-*	197-303W, 29,000 - 44,150 Lumens
*Specify Distribution: T3, T5	

Options (ships installed)

- 480V** - 277-480V (replaces QT in part number)
- TWLPC3R** - 3-Pin NEMA Photocell Receptacle

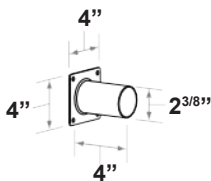
Accessories on 2nd Page



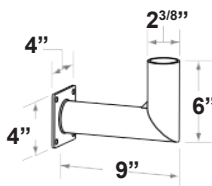
Model	L (in)	W (in)	H (in)
1L	16.63	8.66	2.07
2L	20.05	11.89	2.07

Accessories (order separately, ships on side)

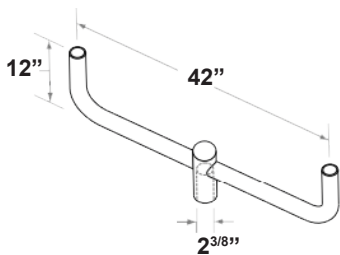
PC-B-NEMA	- 120-277V 3-PIN NEMA Photocell
HD07VR-A-1	- 12VDC Screw-in Photocell, RCA Jack
HD09VR-PH5-1	- PIR Occupancy sensor - 5 dial setting (max height 39')
HD09VR-MH5-1	- Microwave Sensor with step-dimming sensor - 5 dial setting (max height: 49')
HD05R	- Remote control for sensors
26WA86	- 480V 3-Pin NEMA Photocell
VLAL36-B-ARM	- Adjustable Arm Mount (round and square pole)
VLAL36-B-ARMSF	- Slip Fitter and Arm Mount Combination
VLAL36-B-SF	- Slip Fitter
VLAL36-B-SB	- Trunnion Mount
VLAL36-B-AYL	- Yoke Mount for VLAL36-B-2L
VLAL36-B-AYS	- Yoke Mount for VLAL36-B-1L
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



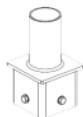
VLAL29-B-BH2-180



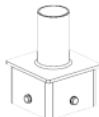
VLAL-B-RPT4



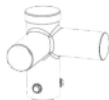
VLAL-B-RTP5



VLAL-B-SPT4



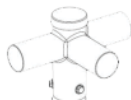
VLAL-B-SPT5



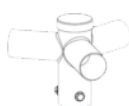
VLAL-B-TEN290



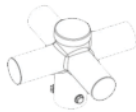
VLAL-B-TEN2180



VLAL29-B-TEN390



VLAL-B-TEN3120



VLAL-B-TEN490

LUMEN INFORMATION

Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL36-B-1L-QT-T3	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	12,267Lm	12,952 Lm	12,897 Lm	17,936 Lm	19,335 Lm	18,935 Lm	22,882 Lm	24,994 Lm	24,095 Lm
	71W	69W	71W	111W	107W	111W	151W	145W	151W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL36-B-1L-QT-T5	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	12,596 Lm	13,303 Lm	13,235 Lm	18,183 Lm	19,593 Lm	19,152 Lm	23,073 Lm	25,052 Lm	24,045 Lm
	73W	71W	73W	113W	109W	113W	152W	146W	152W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL36-B-2L-QT-T3	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	23,353 Lm	24,576 Lm	24,456 Lm	31,008 Lm	33,019 Lm	35,522 Lm	37,956 Lm	40,847 Lm	39,755 Lm
	132W	129W	132W	183W	177W	183W	234W	226W	234W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL36-B-2L-QT-T5	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	23,407 Lm	24,658 Lm	24,545 Lm	31,046 Lm	33,005 Lm	32,416 Lm	37,787 Lm	40,597 Lm	39,578
	132W	129W	132W	182W	176W	182W	231W	223W	232W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL36-B-1L-480V-T3	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	12,388Lm	13,183 Lm	13,026 Lm	17,996 Lm	19,465 Lm	18,968 Lm	22,969 Lm	25,184 Lm	24,061 Lm
	73W	72W	73W	112W	109W	113W	152W	146W	153W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL36-B-1L-480V-T5	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	12,372 Lm	13,227 Lm	13,126 Lm	18,223 Lm	19,786 Lm	19,363 Lm	23,393 Lm	25,747 Lm	24,823 Lm
	72W	71W	72W	112W	180W	112W	152W	147W	154W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL36-B-2L-480V-T3	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	23,377 Lm	24,602 Lm	24,493 Lm	31,211 Lm	33,239 Lm	32,861 Lm	38,622 Lm	41,303 Lm	40,322 Lm
	132W	129W	132W	182W	176W	182W	234W	225W	233W
Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLAL36-B-2L-480V-T5	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	23,517 Lm	24,748 Lm	24,720 Lm	31,399 Lm	33,421 Lm	33,003 Lm	38,500 Lm	41,366 Lm	40,415
	132W	129W	132W	184W	178W	184W	234W	225W	234W

ELECTRICAL INFORMATION

Catalog #	Input Amps (A)								
	Low Lumens			Mid Lumens			High Lumens		
	120V	240V	277V	120V	240V	277V	120V	240V	277V
VLAL36-B-1L-MCT-T3 (30K)	0.59	0.30	0.26	0.93	0.46	0.40	1.26	0.63	0.55
VLAL36-B-1L-MCT-T3 (40K)	0.58	0.29	0.25	0.90	0.45	0.39	1.21	0.61	0.52
VLAL36-B-1L-MCT-T3 (50K)	0.60	0.30	0.26	0.93	0.47	0.40	1.27	0.63	0.55
VLAL36-B-1L-MCT-T5 (30K)	0.61	0.31	0.27	0.94	0.47	0.41	1.27	0.64	0.55
VLAL36-B-1L-MCT-T5 (40K)	0.60	0.30	0.26	0.92	0.46	0.40	1.22	0.61	0.53
VLAL36-B-1L-MCT-T5 (50K)	0.62	0.31	0.27	0.95	0.47	0.41	1.27	0.63	0.55
VLAL36-B-2L-MCT-T3 (30K)	1.10	0.55	0.48	1.53	0.76	0.66	1.96	0.98	0.85
VLAL36-B-2L-MCT-T3 (40K)	1.08	0.54	0.47	1.48	0.74	0.64	1.88	0.94	0.82
VLAL36-B-2L-MCT-T3 (50K)	1.10	0.55	0.48	1.53	0.76	0.66	1.96	0.98	0.85
VLAL36-B-2L-MCT-T5 (30K)	1.10	0.55	0.48	1.52	0.76	0.66	1.93	0.97	0.84
VLAL36-B-2L-MCT-T5 (40K)	1.08	0.54	0.47	1.47	0.74	0.64	1.86	0.93	0.81
VLAL36-B-2L-MCT-T5 (50K)	1.10	0.55	0.48	1.52	0.76	0.66	1.93	0.97	0.84
	277V	347V	480V	277V	347V	480V	277V	347V	480V
VLAL36-B-1L-MCT-T3-UNC (30K)	0.26	0.21	0.15	0.41	0.32	0.23	0.55	0.44	0.32
VLAL36-B-1L-MCT-T3-UNC (40K)	0.26	0.21	0.15	0.39	0.31	0.23	0.53	0.42	0.31
VLAL36-B-1L-MCT-T3-UNC (50K)	0.27	0.21	0.15	0.41	0.33	0.24	0.55	0.44	0.32
VLAL36-B-1L-MCT-T5-UNC (30K)	0.26	0.21	0.15	0.41	0.32	0.23	0.55	0.44	0.32
VLAL36-B-1L-MCT-T5-UNC (40K)	0.26	0.20	0.15	0.40	0.32	0.23	0.53	0.42	0.31
VLAL36-B-1L-MCT-T5-UNC (50K)	0.26	0.21	0.15	0.41	0.33	0.24	0.56	0.44	0.32
VLAL36-B-2L-MCT-T3-UNC (30K)	0.48	0.38	0.28	0.66	0.53	0.38	0.84	0.67	0.49
VLAL36-B-2L-MCT-T3-UNC (40K)	0.47	0.37	0.27	0.64	0.51	0.37	0.81	0.65	0.47
VLAL36-B-2L-MCT-T3-UNC (50K)	0.48	0.38	0.28	0.66	0.53	0.38	0.84	0.67	0.49
VLAL36-B-2L-MCT-T5-UNC (30K)	0.47	0.37	0.27	0.64	0.51	0.37	0.81	0.65	0.47
VLAL36-B-2L-MCT-T5-UNC (40K)	0.48	0.38	0.28	0.67	0.53	0.38	0.85	0.68	0.49
VLAL36-B-2L-MCT-T5-UNC (50K)	0.47	0.37	0.27	0.64	0.51	0.37	0.81	0.65	0.47

PHOTOMETRICS

VLAL36-B-1L-MCT-T3

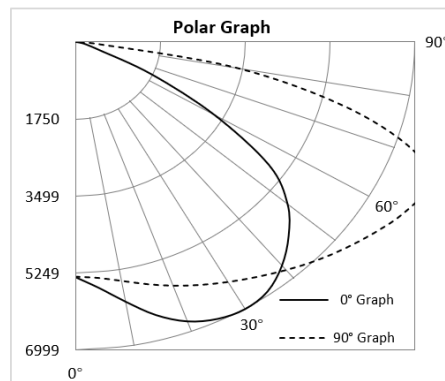
Luminaire Data

Description	Multi Purpose Area Light CCT and Lumen Select
Total Lumens	24,994
Input Wattage	145
Efficacy (lm/W)	172
Max. Cd.	8553.5 (67.5H, 67V)
IES Classification	Type III
Longitudinal Classification	Short

Photometrics calculated at 4000k and
highest lumen setting.

Luminaire Classification Systems (LCS)

Luminaire Classification Systems [LCS]			
LCS Zone		Lumens	%Lum
FL	0-30	2,703	10.8%
FM	30-60	7,715	30.9%
FH	60-80	4,041	16.2%
FVH	80-90	268	1.1%
BL	0-30	2,162	8.6%
BM	30-60	5,260	21.0%
BH	60-80	2,712	10.9%
BVH	80-90	134	0.5%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		24,994	100.0%
BUG Rating		B4-U0-G4	



VLAL36-B-1L-MCT-T5

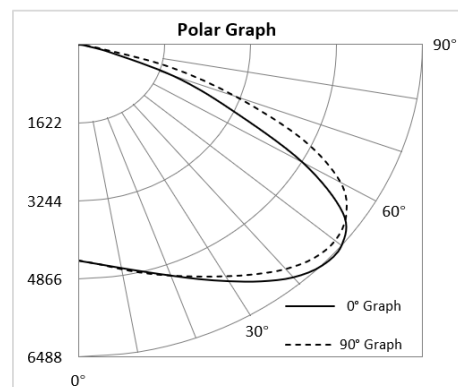
Luminaire Data

Description	Multi Purpose Area Light CCT and Lumen Select
Total Lumens	25,052
Input Wattage	146
Efficacy (lm/W)	171
Max. Cd.	6574.2 (22.5H, 47V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Photometrics calculated at 4000k and
highest lumen setting.

Luminaire Classification Systems (LCS)

Luminaire Classification Systems (LCS)			
LCS Zone		Lumens	%Lum
FL	0-30	2,152	8.6%
FM	30-60	7,032	28.1%
FH	60-80	3,419	13.6%
FVH	80-90	131	0.5%
BL	0-30	2,010	8.0%
BM	30-60	6,410	25.6%
BH	60-80	3,681	14.7%
BVH	80-90	217	0.9%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		25,052	100.0%
BUG Rating		B4-U0-G2	



VLAL36-B-2L-QT-MCT-T3

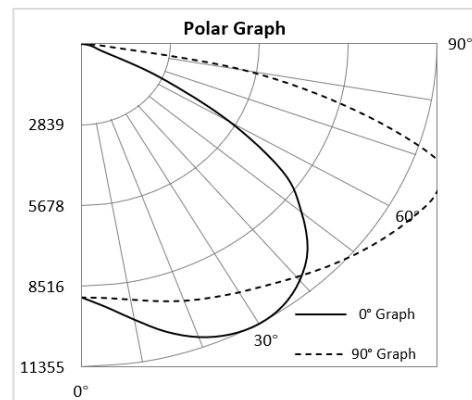
Luminaire Data

Description	Multi Purpose Area Light CCT and Lumen Select
Total Lumens	40,847
Input Wattage	226
Efficacy (lm/W)	181
Max. Cd.	14515 (292.5H, 69V)
IES Classification	Type III
Longitudinal Classification	Medium

Photometrics calculated at 4000k and
highest lumen setting.

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	4,412	10.8%
FM	30-60	12,495	30.6%
FH	60-80	6,678	16.3%
FVH	80-90	448	1.1%
BL	0-30	3,584	8.8%
BM	30-60	8,570	21.0%
BH	60-80	4,425	10.8%
BVH	80-90	235	0.6%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		40,847	100.0%
BUG Rating		B5-U0-G4	



VLAL36-B-2L-QT-MCT-T5

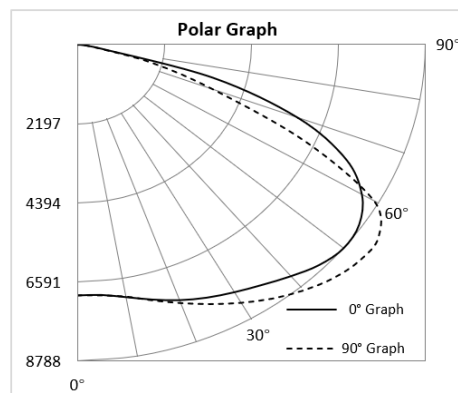
Luminaire Data

Description	Multi Purpose Area Light CCT and Lumen Select
Total Lumens	40,597
Input Wattage	223
Efficacy (lm/W)	182
Max. Cd.	10151 (202.5H, 52V)
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	3,183	7.8%
FM	30-60	10,099	24.9%
FH	60-80	6,054	14.9%
FVH	80-90	325	0.8%
BL	0-30	3,323	8.2%
BM	30-60	10,985	27.1%
BH	60-80	6,304	15.5%
BVH	80-90	324	0.8%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		40,597	100.0%
BUG Rating		B5-U0-G3	



PHOTOMETRICS

VLAL36-B-1L-480V-MCT-T3

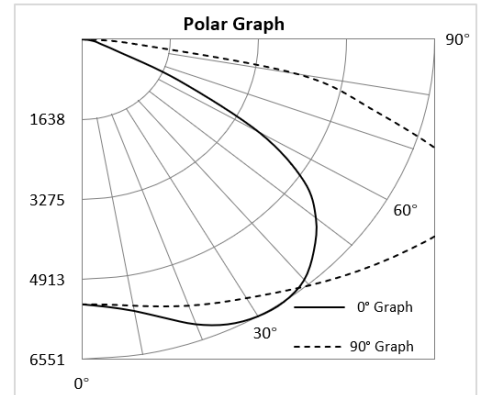
Luminaire Data

Description	Multi Purpose Area Light CCT and Lumen Select
Total Lumens	25,184
Input Wattage	147
Efficacy (lm/W)	172
Max. Cd.	9159.7 (75H, 66V)
IES Classification	Type III
Longitudinal Classification	Short

Photometrics calculated at 4000k and
highest lumen setting.

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	2,559	10.2%
FM	30-60	7,667	30.4%
FH	60-80	4,448	17.7%
FVH	80-90	290	1.2%
BL	0-30	2,222	8.8%
BM	30-60	5,319	21.1%
BH	60-80	2,506	10.0%
BVH	80-90	172	0.7%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		25,184	100.0%
BUG Rating		B4-U0-G4	



VLAL36-B-1L-480V-MCT-T5

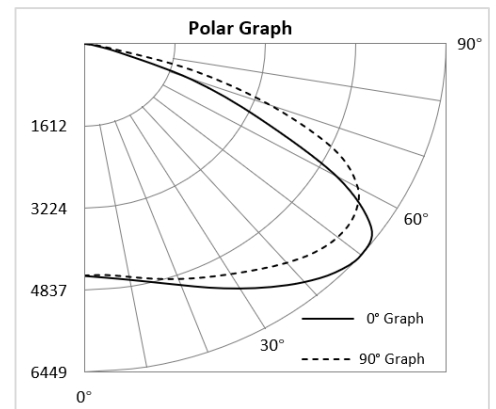
Luminaire Data

Description	Multi Purpose Area Light CCT and Lumen Select
Total Lumens	25,747
Input Wattage	147
Efficacy (lm/W)	175
Max. Cd.	6665.4 (315H, 52V)
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	2,147	8.3%
FM	30-60	7,080	27.5%
FH	60-80	3,591	13.9%
FVH	80-90	144	0.6%
BL	0-30	2,085	8.1%
BM	30-60	6,766	26.3%
BH	60-80	3,727	14.5%
BVH	80-90	207	0.8%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		25,747	100.0%
BUG Rating		B4-U0-G2	



VLAL36-B-2L-480V-MCT-T3

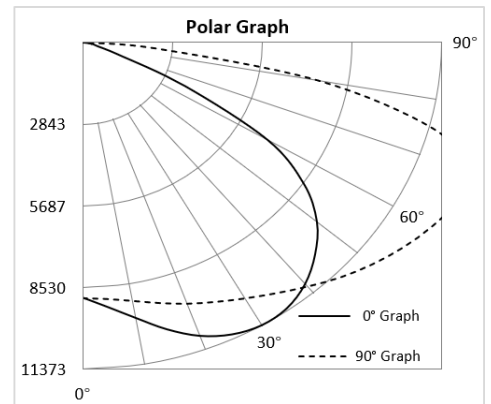
Luminaire Data

Description	Multi Purpose Area Light CCT and Lumen Select
Total Lumens	41,303
Input Wattage	225
Efficacy (lm/W)	184
Max. Cd.	14115 (67.5H, 70V)
IES Classification	Type III
Longitudinal Classification	Medium

Photometrics calculated at 4000k and
highest lumen setting.

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	4,389	10.6%
FM	30-60	12,701	30.8%
FH	60-80	7,050	17.1%
FVH	80-90	573	1.4%
BL	0-30	3,590	8.7%
BM	30-60	8,520	20.6%
BH	60-80	4,220	10.2%
BVH	80-90	260	0.6%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		41,303	100.0%
BUG Rating		B5-U0-G4	



VLAL36-B-2L-480V-MCT-T5

Luminaire Data

Description	Multi Purpose Area Light CCT and Lumen Select
Total Lumens	41,366
Input Wattage	226
Efficacy (lm/W)	183
Max. Cd.	10030 (292.5H, 53V)
IES Classification	Type VS
Longitudinal Classification	Short

Photometrics calculated at 4000k and
highest lumen setting.

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	3,342	8.1%
FM	30-60	10,948	26.5%
FH	60-80	6,121	14.8%
FVH	80-90	280	0.7%
BL	0-30	3,264	7.9%
BM	30-60	10,575	25.6%
BH	60-80	6,449	15.6%
BVH	80-90	387	0.9%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		41,366	100.0%
BUG Rating		B5-U0-G3	

