



Project:	
Location:	
Model#: VPS440SW-WRV-EM	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS



To supply TamLite VPS Contractor Series of LED vapour proof fixtures as specified. The luminaire shall operate at 120-347Vac and be suitable for 1-10Vdc dimming and provide for three levels of wattage. The housing shall be constructed of Bayer® polycarbonate with a clamp down opal Bayer® polycarbonate lens. The fixture shall be IP65 rated and include an IP66 strain relief. A durable formed gasket shall be provided between the enclosure and the lens. All parts shall be corrosion resistant. The LED shall be supplied with the luminaire. The selectable white shall be 3500K, 4000K or 5000K. The fixture will also have a 90 minute rated power back-up system. The fixture shall be cULus and DLC Listed.



## PERFORMANCE SPECIFICATIONS

Horizontal Footcandles  
 Trick marks = Mtg. Ht = 8ft  
 Luminaire Lumens = 4,096

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	153.84	30-40	810.74	60-70	673.03	90-100	182.23	120-130	32.71	150-160	7.6
10-20	440.46	40-50	856.09	70-80	484.42	100-110	112.33	130-140	16.09	160-170	4.76
20-30	668.26	50-60	805.86	80-90	294.92	110-120	62.85	140-150	10.19	170-180	1.63

## Co-efficient of Utilization

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RF	20				20				20			20			20			20
0	161	161	161	161	156	156	156	156	147	147	147	138	138	138	130	130	130	127
1	144	137	130	124	139	133	126	121	125	120	115	117	113	110	111	108	105	101
2	130	118	108	99	126	114	105	97	108	100	93	102	95	89	96	91	86	82
3	118	103	91	81	114	100	89	80	94	85	77	89	81	74	84	77	72	68
4	108	91	78	68	104	88	76	67	83	73	65	79	70	63	75	67	61	58
5	99	81	68	58	95	79	67	58	74	64	56	71	62	54	67	59	53	50
6	91	73	60	51	88	71	59	50	67	57	49	64	55	48	61	53	46	43
7	85	66	53	45	82	64	52	44	61	51	43	58	49	42	55	47	41	38
8	79	60	48	40	76	58	47	39	56	46	38	53	44	37	51	43	37	34
9	73	55	43	36	71	54	43	35	51	41	34	49	40	34	47	39	33	30
10	69	50	39	32	67	49	39	32	47	38	31	45	37	31	43	36	30	27

**Initial Lumen Output:** 5504lm

**Field Angle:** 170 deg

**Environmental Rating(s):** IP65

**Certification Standards:** UL Safety US-CA  
, DLC

**Limited Product Warranty:** 5 Year(s)

**Efficacy:** 133.4lm/W

**Luminaire Type:** Semi-Direct

**UL Classification:** Wet Location Listed

**DLC Number:** PLSZV1NV4DK2

**Beam Angle:** 120 deg

**Spacing Criteria:** 1.26(0-180), 1.30(90-270)

**Ambient Operating Temp:** -20C to +40C

**CCN Number:** IFA07.E470484

## LED SPECIFICATIONS

**Source Type:** LED

**Rg:** 94

**CRI:** >80

**Colour Temperature:** 3500K, 4000K,  
5000K Field Selectable

**Rf:** 83

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 120~347Vac

**Current Draw at 120Vac:** 0.3465

**Power Factor at 120Vac:** >.90

**THD at 120Vac(%):** 10%

**Dimming:** 0-10Vdc, (0% Min Light Level)

**Driver Certifications:** c-RU-us Class 2,

FCC Part 15 Class B, RoHS

**Input Frequency:** 50-60Hz

**Current Draw at 277Vac:** 0.1494

**Power Factor at 277Vac:** >.90

**THD at 277Vac(%):** 10%

**Over Temperature Protection:** Auto  
Recovery, The fixture shall shut down and  
return to operation when the temperature  
returns to normal.

**Fixture Draw:** 41.38W

**Current Draw at 347Vac:** 0.1193

**Power Factor at 347Vac:** >.90

**THD at 347Vac(%):** 10%

**Short Circuit Protection:** Auto Recovery.  
The output shall return to normal when the  
fault condition is removed.

## PHYSICAL SPECIFICATIONS

**Finish Colour:** Grey  
**Mounting:** Surface, Suspended  
**Lens Type:** Opal

**Finish Type:** Dye injected polycarbonate  
**Housing Material:** Polycarbonate with Grey pigment powder  
**Reflector Material:** Painted Steel

**Wiring:** 3 Conductor 18AWG  
**Lens Material:** Poly Carbonate  
**Entries:** Supplied with wet location fitting.  
Other knockout points also on housing.

## SHIPPING INFORMATION

**OrderingCode(s):** VPS440SW-WRV

**Box Quantity:** 1

**Carton Quantity:** 6

## LINE DRAWING

### Line Drawings

