TAMLITE LIGHTING

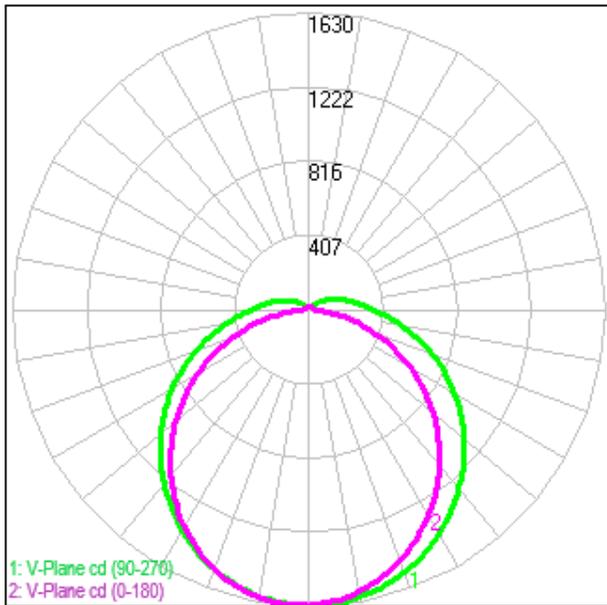| Project:		
Location:		
Model#: VPS440SW-WRV	**Type:**	
Client:	**Qty:**	
Prepared by:	**Date:**	

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 shall be cULus and DLC Listed.
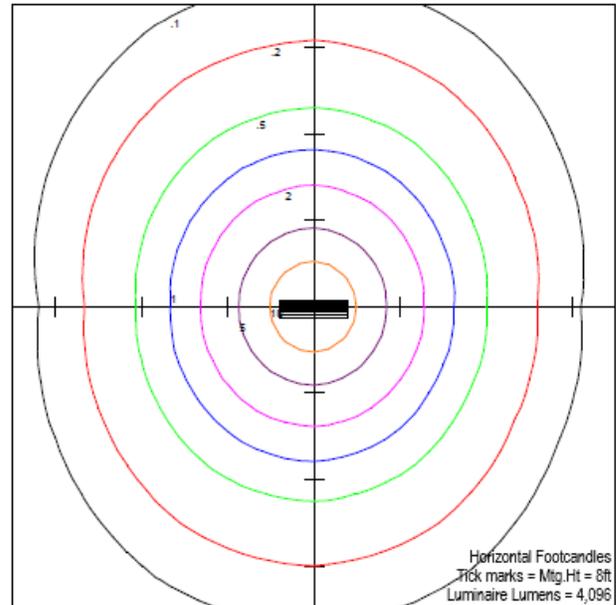
cULus LISTED · DLC LISTED · NSF · NEMA 4X CERTIFIED · IP65 · WET LOCATION · WRV 120-347 VAC · DIM 0-10V · LED · SELECTABLE WHITE · 5 YEAR LIMITED WARRANTY

PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

1: V-Plane cd (90-270)
2: V-Plane cd (0-180)

Isolux Diagram

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

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Zonal Lumen Summary

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: 5504

Field Angle: 170 deg

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA , DLC

Limited Product Warranty: 5 Year(s)

Efficacy: 133.4

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: IFAO7.E470484

LED SPECIFICATIONS

Source Type: LED

Rg: 94

CRI: >80

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

Rf: 83

![TAMLITE LIGHTING]

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ELECTRICAL SPECIFICATIONS

Input Voltage: 120-347Vac
Current Draw at 120Vac: 0.3465
Power Factor at 120Vac: > 0.90
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: 50/60 hz
Current Draw at 277Vac: 0.1494
Power Factor at 277Vac: > 0.90
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: 41.38
Current Draw at 347Vac: 0.1193
Power Factor at 347Vac: > 0.90
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.
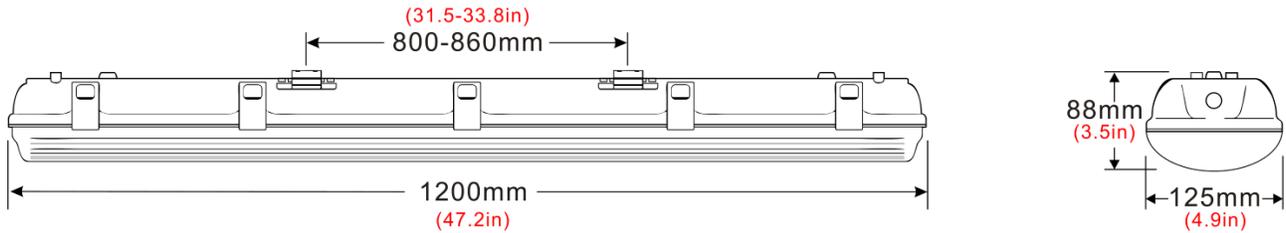
SHIPPING INFORMATION

OrderingCode(s): VPS440SW-WRV

Box Quantity: 1

Carton Quantity: 6

LINE DRAWING

Line Drawings

(31.5-33.8in)
800-860mm
1200mm
(47.2in)
88mm
(3.5in)
125mm
(4.9in)

SERIES ARCHITECTURE

Series Architecture

VPS -   4 -   40 -   SW -   WRV

Part	Size		Wattage		CCT		Voltage	
VPS	2	2FT	20	20W	40K	4000K	UNV	120-277VAC
	4	4FT	40	40W	50K	5000K	WRV	120-347VAC
	8	8FT	80	80W	SW	3500K, 4000K, 5000K		

4FT	20W	30W	40W
3500K	2900 lm	4170 lm	5280 lm
4000K	3060 lm	4470 lm	5840 lm
5000K	2980 lm	5720 lm	5520 lm