

Project:	
Location:	
Model#: VPS22030-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. 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 fixture shall be cULus Listed.



## PERFORMANCE SPECIFICATIONS

### Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10		40-50		80-90		120-130		160-170	
10-20		50-60		90-100		130-140		170-180	
20-30		60-70		100-110		140-150		--	--
30-40		70-80		110-120		150-160		--	--

## Co-efficient of Utilization

CC	80				70				50			30			10			0
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
fc	20				20				20			20			20			0
RCR																		
0	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	92
1	105	99	94	90	101	96	92	88	90	87	83	85	82	79	80	78	76	73
2	95	86	78	72	91	83	76	70	78	72	67	74	69	65	69	65	62	59
3	86	75	66	59	83	72	64	58	68	61	56	64	59	54	61	56	52	49
4	78	66	56	49	75	64	55	49	60	53	47	57	51	46	54	49	44	42
5	72	59	49	42	69	57	48	42	54	46	40	51	44	39	48	43	38	36
6	66	53	43	37	64	51	42	36	48	41	35	46	39	34	44	38	33	31
7	61	48	38	32	59	46	38	32	44	36	31	42	35	30	40	34	29	27
8	57	43	35	29	55	42	34	28	40	33	28	38	32	27	37	31	26	24
9	53	40	31	26	51	39	31	25	37	30	25	35	29	24	34	28	24	22
10	50	37	28	23	48	36	28	23	34	27	22	33	26	22	31	26	21	20

**Initial Lumen Output:** 2714lm

**Field Angle:** 170 deg

**Environmental Rating(s):** IP65

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

, DLC

**Efficacy:** 124.44lm/W

**Luminaire Type:** Semi-Direct

**UL Classification:** Wet Location Listed

**CCN Number:** IFA07.E470484

**Beam Angle:** 120 deg

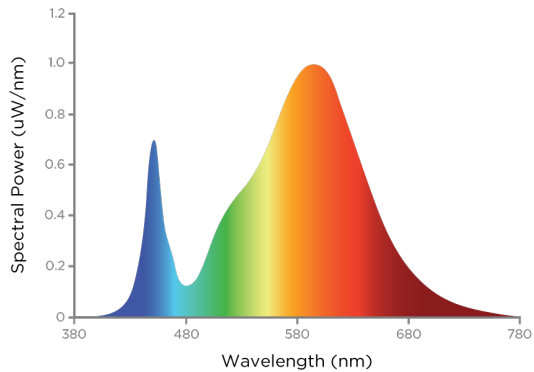
**Spacing Criteria:** 1.26(0-180), 1.30(90-270)

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

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

## LED SPECIFICATIONS

### SPD



**Source Type:** LED

**Rg:** 93

**CRI:** >80

**Chromaticity:** x=0.3816 y=0.3803

**Rf:** 83

**Duv:** 0.0013

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 120~347Vac

**Current Draw at 120Vac:** 0.1712A

**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:** 0.0743A

**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:** 20.57W

**Current Draw at 347Vac:** 0.0689A

**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

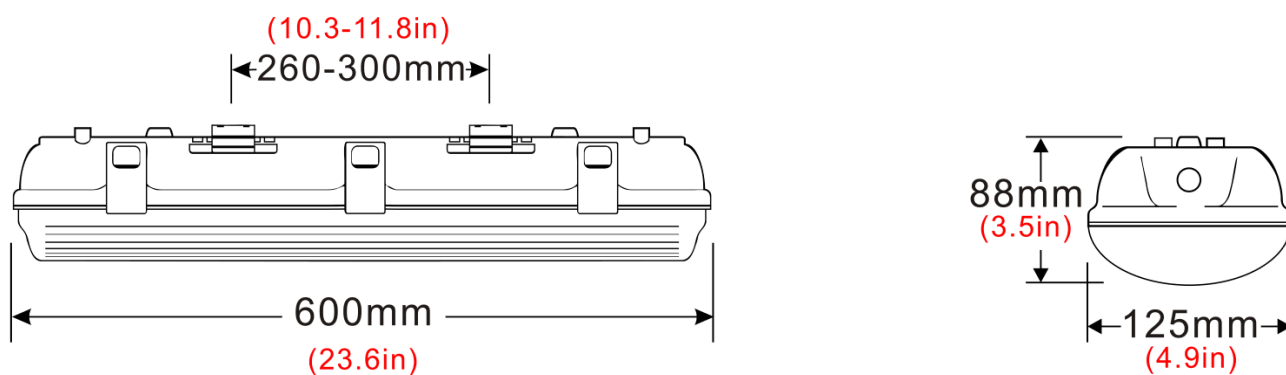
OrderingCode(s): VPS22030-WRV

Box Quantity: 1

Carton Quantity: 6

## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

VPS -		2	-	20	-	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			

2FT	10W	13W	20W
3500K	1320 lm	1729 lm	2520 lm
4000K	1420 lm	1859 lm	2800 lm
5000K	1410 lm	1820 lm	2700 lm