

Project:	
Location:	
Model#: VPL-WS-3CS	Type:
Client:	Qty:
Prepared by:	Date:

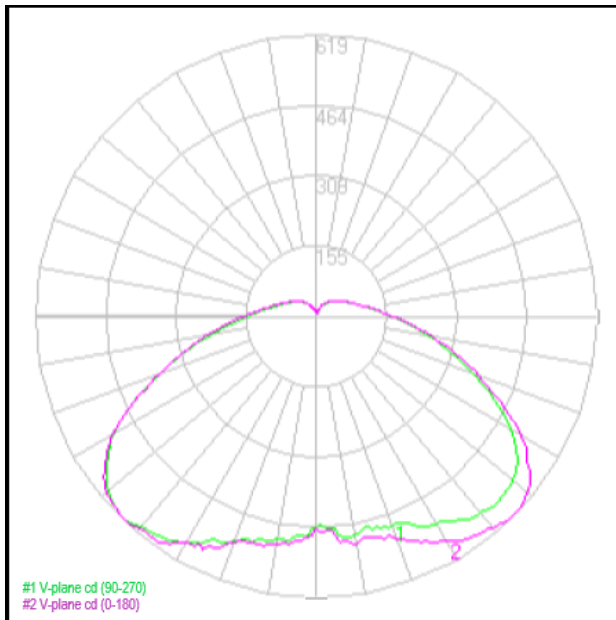
## SERIES SPECIFICATIONS



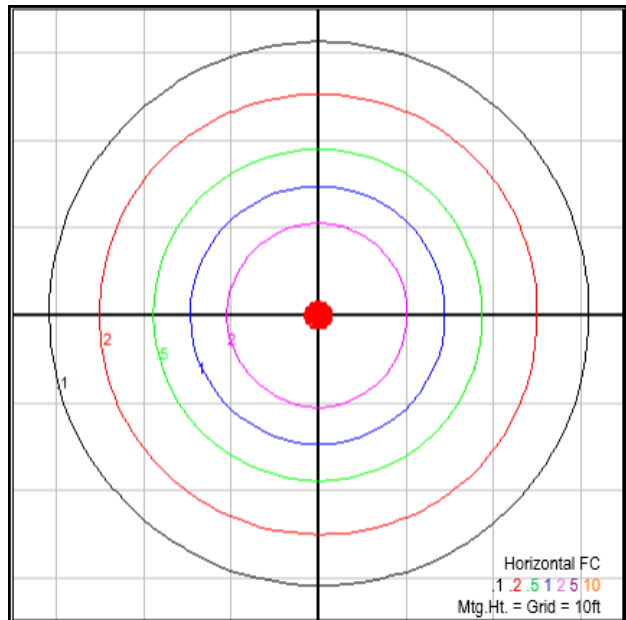
The TamLite Lighting VPLWSCS LED Vapour Proof Light Fixture stands out with its robust construction and versatile features, making it an excellent choice for demanding environments. Engineered to perform in wet locations and a range of temperatures, this vapourtight fixture offers adjustable CCT and wattage settings, ensuring optimal illumination and energy efficiency. With its sleek wall mount design and durable die-cast aluminum housing, the TamLite VPLWSCS is ideal for industrial applications, parking garages, and outdoor areas, providing reliable, customizable lighting solutions.

## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





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**Zonal Lumen Summary**

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	46.84	30-40	366.56	60-70	442.33	90-100	149.76	120-130	54.07	150-160	10.59
10-20	143.47	40-50	466.28	70-80	328.31	100-110	104.16	130-140	36.92	160-170	4
20-30	250.07	50-60	502.67	80-90	222.53	110-120	74.84	140-150	21.82	170-180	0.87

Total Initial Lumen Output; 3226,09 lm at; 40W, 4000K

**Co-efficient of Utilization**

**Coefficients Of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

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			
0	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	86			
1	102	96	91	86	98	92	87	83	85	81	78	79	76	73	73	71	68	65			
2	91	81	73	67	87	78	71	65	72	66	61	67	62	57	62	58	54	51			
3	82	70	61	53	78	67	59	52	62	55	49	57	51	46	53	48	44	41			
4	74	61	51	44	71	59	49	42	54	46	40	50	44	38	46	41	36	33			
5	68	54	44	36	65	52	42	35	48	40	34	44	37	32	41	35	30	28			
6	62	48	38	31	59	46	37	30	43	35	29	39	33	27	37	31	26	23			
7	57	43	33	27	55	41	32	26	38	30	25	36	29	24	33	27	23	20			
8	53	39	29	23	50	37	29	23	35	27	22	32	26	21	30	24	20	18			
9	49	35	26	20	47	34	26	20	32	24	19	29	23	18	27	22	17	15			
10	46	32	24	18	44	31	23	18	29	22	17	27	21	16	25	20	16	14			

Initial Lumen Output: 3300lm

UL Classification: cULus

Efficacy: 110lm/w

Ambient Operating Temp: -40C to +45C

Environmental Rating(s): IP65

Limited Product Warranty: 5 YEARS

**LED SPECIFICATIONS**

Source Type: LED

Colour Temperature: 3000K/4000K/5000K

CRI: >80

Colour Tolerance: +/- 300K

L90: >50,000hrs



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**ELECTRICAL SPECIFICATIONS**

<b>Input Voltage:</b> 120-277Vac	<b>Input Frequency:</b> 50/60HZ	<b>Fixture Draw:</b> 30W
<b>Current Draw at 120Vac:</b> 0.333A	<b>Max On-Delay: THD at 120Vac(%):</b> 9.67	<b>Power Factor at 120Vac:</b> 0.99
<b>Power Factor at 277Vac:</b> 0.91		<b>THD at 277Vac(%):</b> 14.78
<b>Max Operating Case Temperature:</b> 45C		

**PHYSICAL SPECIFICATIONS**

<b>Finish Colour:</b> GREY	<b>Finish Type:</b> Powder Coated	<b>Mounting::</b> Surface
<b>Housing Material:</b> Die-cast Aluminium	<b>Lens Material:</b> Polycarbonate	<b>Weight:</b> 2.43lbs
<b>Entries:</b> one back, four sides		

**SHIPPING INFORMATION**

<b>OrderingCode(s):</b> VPL-WS-3CS	<b>Box Quantity:</b> 1	<b>Box Dimensions (L-W-H):</b>
<b>Box Weight:</b> 1.2KG	<b>Carton Quantity:</b> 6	315*120*120mm
<b>Carton Weight:</b> 7.8kg		<b>Carton Dimensions (L-W-H):</b>
		375*325*355mm