

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

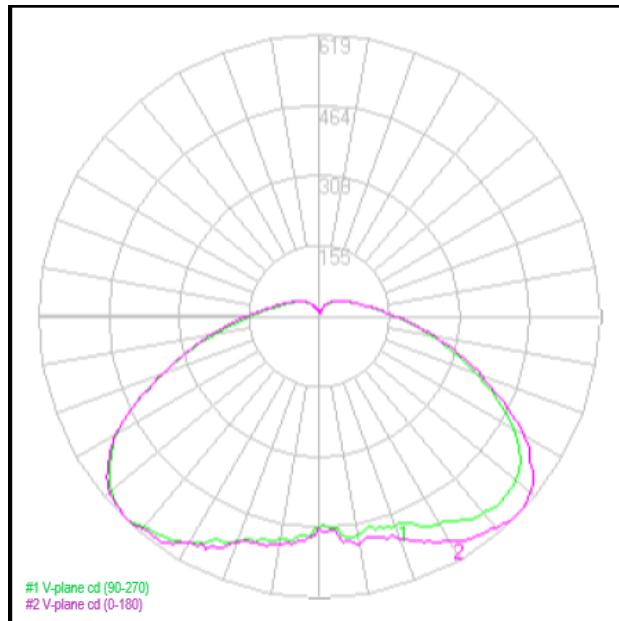
SERIES SPECIFICATIONS



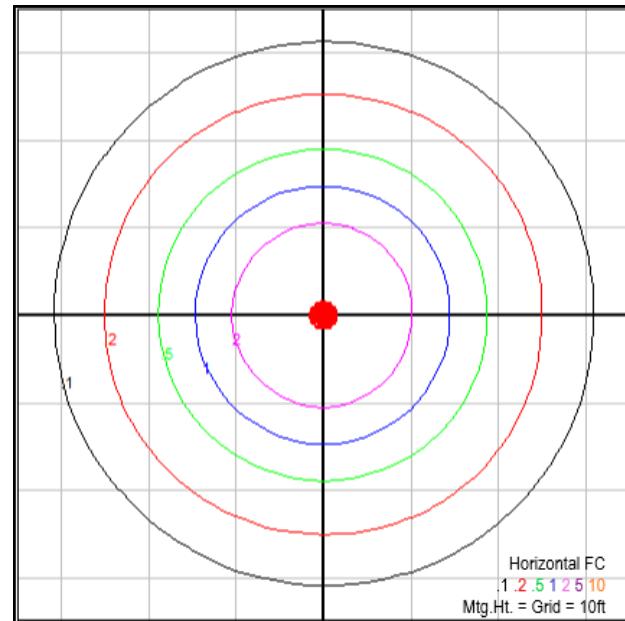
The Tamlite Lighting VPLWSCS LED Vapour Proof Light Fixture stands out with its robust construction and versatile features, making it an excellent choice for demanding environments. Engineered to perform in wet locations and a range of temperatures, this vapourtight fixture offers adjustable CCT and 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



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

ELECTRICAL SPECIFICATIONS

Input Voltage: 120-277Vac
Current Draw at 120Vac: 0.333A
Power Factor at 277Vac: 0.91
Max Operating Case Temperature: 45C

Input Frequency: 50/60HZ
Max On-Delay: 1S
THD at 120Vac(%): 9.67

Fixture Draw: 30W
Power Factor at 120Vac: 0.99
THD at 277Vac(%): 14.78

PHYSICAL SPECIFICATIONS

Finish Colour: GREY
Housing Material: Die-cast Aluminium
Entries: one back, four sides

Finish Type: Powder Coated
Lens Material: Polycarbonate

Mounting: Surface
Weight: 2.43lbs

SHIPPING INFORMATION

Ordering Code(s): VPL-WS-3CS
Box Weight: 1.2KG
Carton Weight: 7.8kg

Box Quantity: 1
Carton Quantity: 6

Box Dimensions (L-W-H):
315*120*120mm
Carton Dimensions (I-W-H):
375*325*355mm