TAMLITE LIGHTING

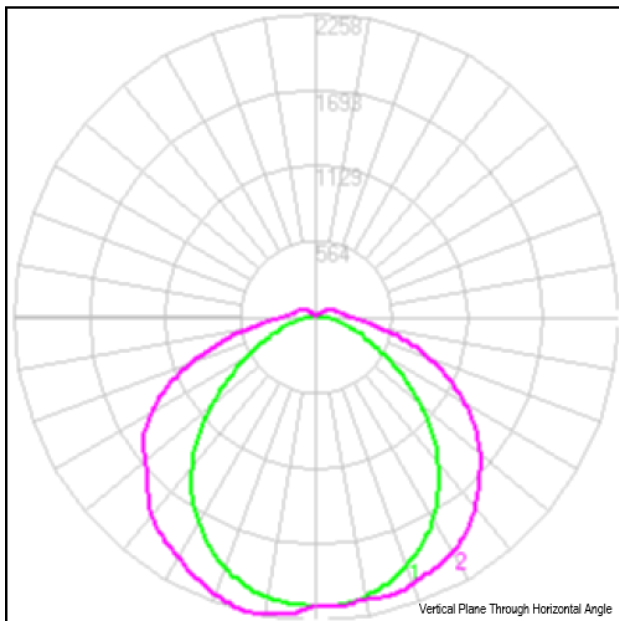| Project:		
Location:		
Model#: VP8-WS-3CS-WRV	Type:	
Client:	Qty:	
Prepared by:	Date:	

SERIES SPECIFICATIONS

The VP-Series is a durable vaporproof LED fixture designed for wet and demanding environments. With an IP65 rating, rugged polycarbonate housing, and impact-resistant acrylic lens, it ensures long-lasting reliability. Delivering 14,125 lumens at 146 lm/W, it offers field-selectable CCT (3500K/4000K/5000K) and wide voltage compatibility (120–347V). LEDs with 54,000-hour life and backed by a 5-year warranty, it's ideal for industrial, commercial, and utility applications.
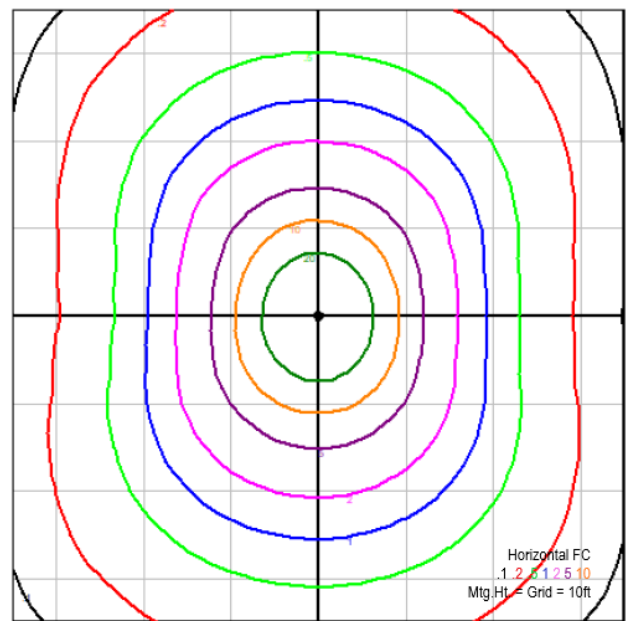
5 YEAR LIMITED WARRANTY · DIM 1-10V · IP65 · NEMA 4X CERTIFIED · NSF · SELECTABLE WHITE · SELECTABLE WATTAGE · WRV 120-347 VAC · WET LOCATION · CSA c us

PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

Vertical Plane Through Horizontal Angle

Isolux Diagram

Horizontal FC
.1 .2 .5 1 2.5 10
Mtg.Ht = Grid = 10ft

Project:		
Location:		
Model#: VP8-WS-3CS-WRV	Type:	
Client:	Qty:	
Prepared by:	Date:	

Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	403.22	30-40	2207.08	60-70	1666.87	90-100	313.48	120-130	70.79	150-160	6.99
10-20	1177.33	40-50	2304.18	70-80	1095.22	100-110	209.81	130-140	29.41	160-170	4.28
20-30	1808.06	50-60	2104.76	80-90	577.41	110-120	133.08	140-150	11.28	170-180	1.63

Total Initial Lumen Output: 14124.88 lm

Co-efficient of Utilization

RC	80				70				50			30		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106
1	109	104	99	95	106	101	97	94	97	94	91	93	90	88
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61
4	82	70	61	54	80	68	60	53	66	58	53	63	57	52
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35
8	60	46	38	32	58	45	37	31	44	37	31	43	36	31
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28
10	52	39	31	26	51	38	31	26	37	30	26	37	30	25

Initial Lumen Output: 14125
Luminaire Type: SURFACE LINEAR
UL Classification: Wet Location Listed

Efficacy: 150 lm/W
Spacing Criteria: 1.22 (0-180) 1.4 (90-270)
Limited Product Warranty: 5 YEAR

Max Candela: 4,398
Environmental Rating(s): IP-65

LED SPECIFICATIONS

R Tables

CCT	3500K	4000K	5000K	CCT	3500K	4000K	5000K
R1	81	84	83	R9	7	14	11
R2	90	93	92	R10	77	82	80
R3	96	96	96	R11	80	82	81
R4	81	82	82	R12	66	65	62
R5	81	84	83	R13	83	86	86
R6	87	89	88	R14	98	98	98
R7	84	85	87	R15	74	78	77
R8	61	66	67				

SPD
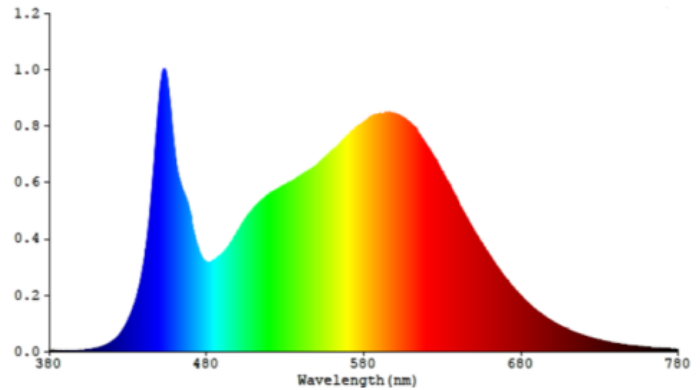
TM-30
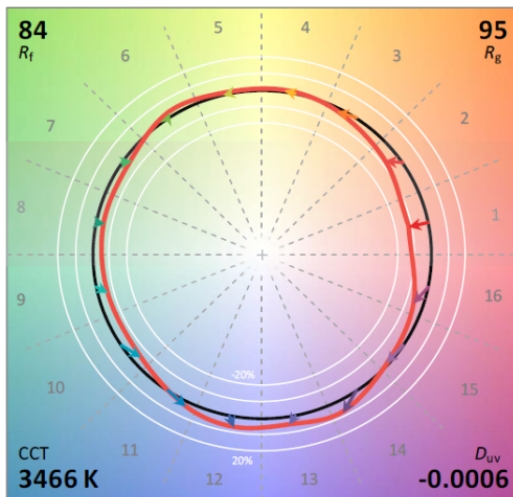
Source Type: LED

Rf: 84

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

Duv: -0.0007 (4K)

Manufacturer: Seoul Semiconductor Co. LTD

Rg: 95

Chromaticity: X=0.3483 Y=0.3724 at 4000K

CRI: 80

L70: 54,000hrs

Colour Tolerance: +/-300K

Project:	
Location:	
Model#: VP8-WS-3CS-WRV	**Type:**
Client:	**Qty:**
Prepared by:	**Date:**

ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac TO 347Vac
Current Draw at 120Vac: 00.7881A
Power Factor at 120Vac: 0.9985
THD at 120Vac(%): 5%

Input Frequency: 50/60 Hz
Current Draw at 277Vac: 00.3434A
Power Factor at 277Vac: 0.9680
THD at 277Vac(%): 5%

Fixture Draw: 94.43 W
Current Draw at 347Vac: 00.2850A
Power Factor at 347Vac: 0.9328
THD at 347Vac(%): 5%

PHYSICAL SPECIFICATIONS

Finish Colour: GREY
Lens Material: Acrylic

Mounting: SURFACE
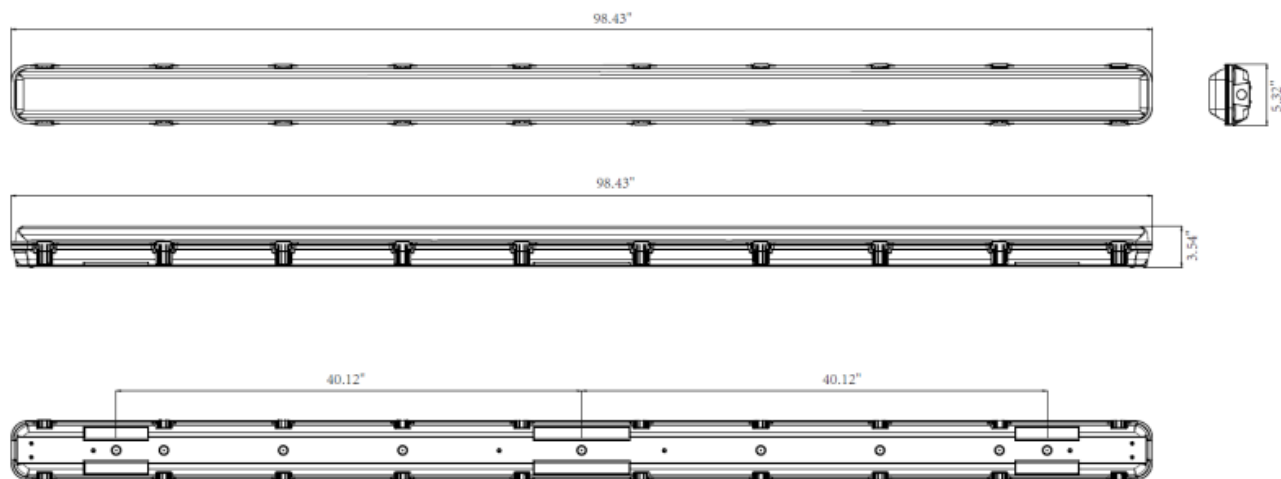**Reflector Material:** STEEL PAINTED

Housing Material: Polycarbonate with Grey pigment powder

SHIPPING INFORMATION

OrderingCode(s): 0630-3003 VP8-WS-3CS-WRV

LINE DRAWING

Line Drawings

Series	Size	Wattage	Color Temp	Finish	Voltage
VP	[8]: 8"	[-WS]: Wattage Selectable (90W, 80W or 70W)	[-3CS]: Color SelectabLe (35K, 40K, 50K)	[BLANK]: Gray	[-WRV]: 120V-347V