

Project:	
Location:	
Model#: VP4-WS-3CS-WRV	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

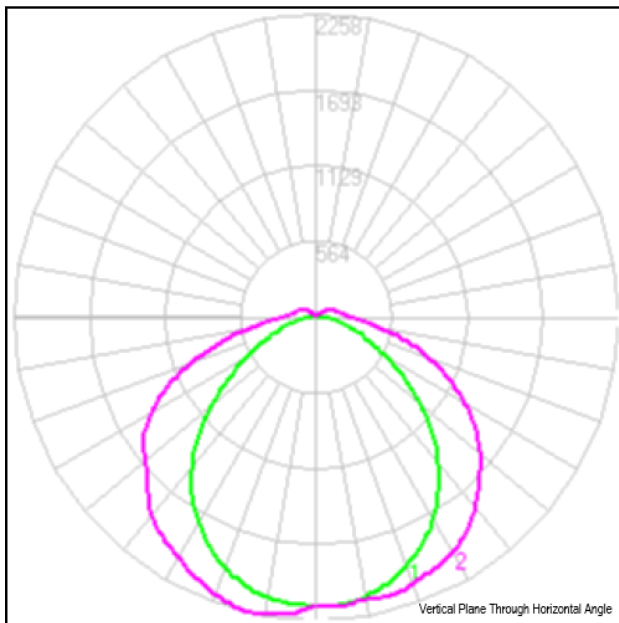


The VP-Series is a durable vaporproof LED fixture designed for wet and demanding environments. With an IP65 rating, rugged polycarbonate housing, and impact-resistant acrylic lens, it ensures long-lasting reliability. Delivering 7,294 lumens at 146 lm/W, it offers field-selectable CCT (3500K/4000K/5000K) 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.

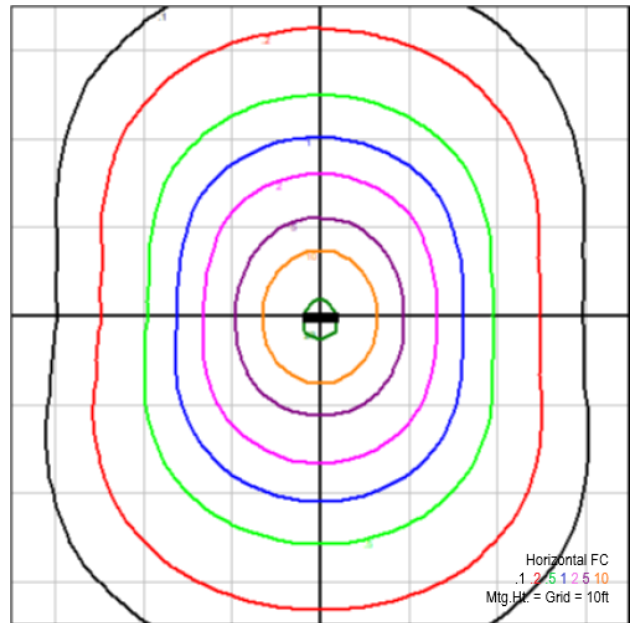


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	206.94	30-40	1136.43	60-70	863.7	90-100	162.47	120-130	36.85	150-160	3.61
10-20	604.85	40-50	1188.48	70-80	569.88	100-110	108.59	130-140	15.39	160-170	2.21
20-30	929.9	50-60	1087.48	80-90	301.42	110-120	69	140-150	5.85	170-180	0.83



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Co-efficient of Utilization

RC RW	80				70				50			30		
	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: 7294

Luminaire Type: SURFACE LINEAR

UL Classification: Wet Location Listed

Efficacy: 146 lm/W

Spacing Criteria: 1.22 (0-180) 1.4 (90-270)

Limited Product Warranty: 5 YEAR

Max Candela: 2,557

Environmental Rating(s): IP-65

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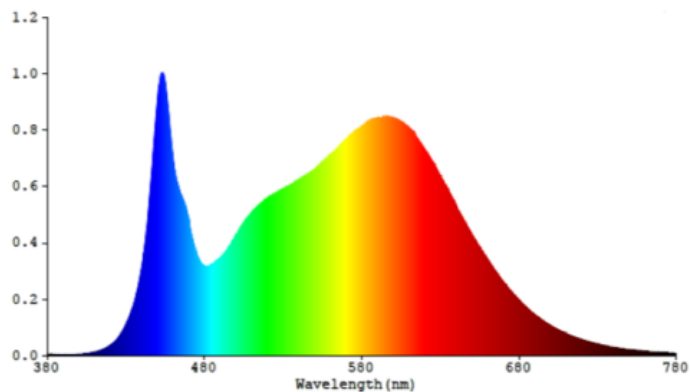
Date:

LED SPECIFICATIONS

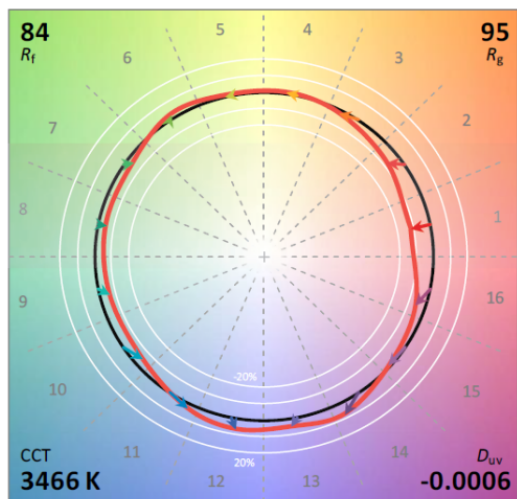
R Tables

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

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ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac TO 347Vac	Input Frequency: 50/60 Hz	Fixture Draw: 49.87 W
Current Draw at 120Vac: 00.4163A	Current Draw at 277Vac: 00.1816A	Current Draw at 347Vac: 00.1491A
Power Factor at 120Vac: 0.9980	Power Factor at 277Vac: 0.9794	Power Factor at 347Vac: 0.9583
THD at 120Vac(%): 5%	THD at 277Vac(%): 5%	THD at 347Vac(%): 5%

PHYSICAL SPECIFICATIONS

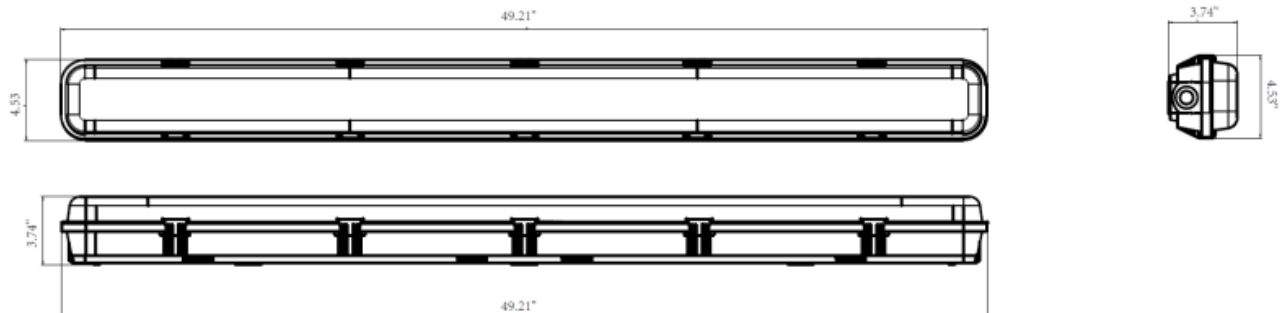
Finish Colour: GREY	Mounting: SURFACE	Housing Material: Polycarbonate with
Lens Material: Acrylic	Reflector Material: STEEL PAINTED	Grey pigment powder

SHIPPING INFORMATION

OrderingCode(s): 0630-3000 VP4-WS-3CS-WRV

LINE DRAWING

Line Drawings



Series	Size	Wattage	Color Temp	Finish	Voltage
VP	[4]: 4	[-WS]: Wattage Selectable (50W, 40W, 30W)	[-3CS]: Color Selectable (35K, 40K, 50K)	[BLANK]: Gray	[-WRV]: 120V-347V