

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

SERIES SPECIFICATIONS

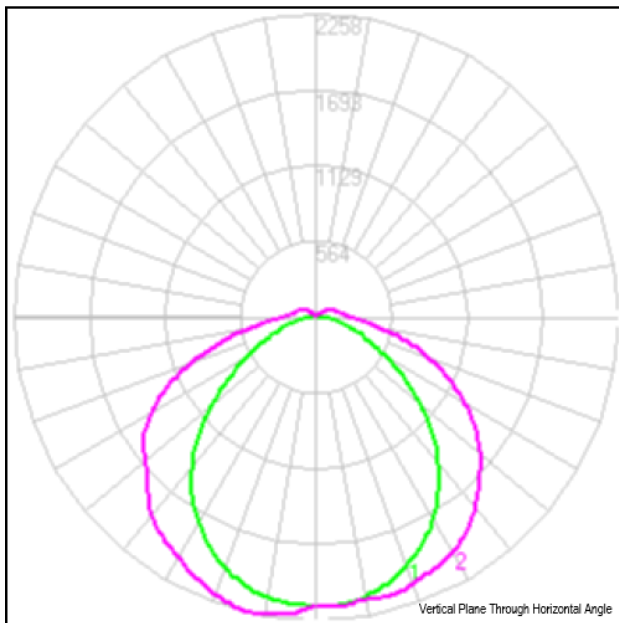


The VP4-WS-3CS-WRV is a durable vaporproof LED fixture designed for wet and demanding environments. With an IP65 rating, rugged polycarbonate housing, and impact-resistant acrylic lens, it ensures long-lasting reliability. Delivering 7,294 lumens at 146 lm/W, it offers field-selectable CCT (3500K/4000K/5000K) 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.

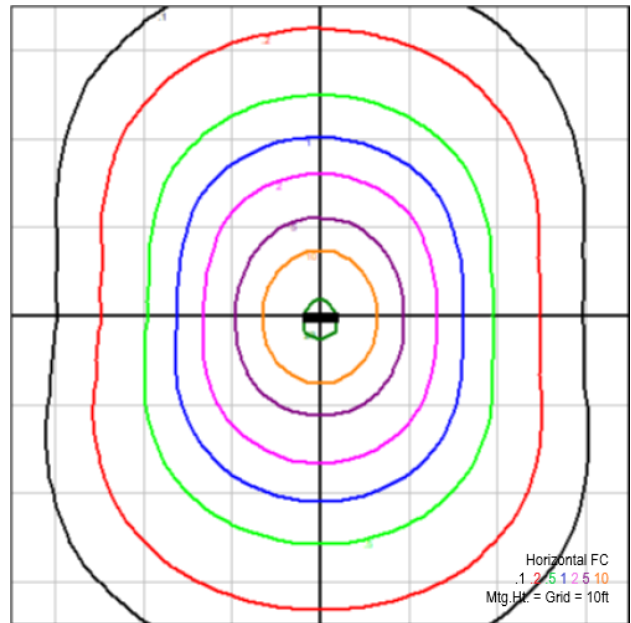


PERFORMANCE SPECIFICATIONS

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: 7,294 lm @[4K]

Luminaire Type: Surface Direct

UL Classification: Wet Location Listed

Limited Product Warranty: 5 Year(s)

Efficacy: 146 lm/W @[4K]

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

Ambient Operating Temp: -40°C to 40°C /

-40°F to 105°F

Max Candela: 2,557 cd

Environmental Rating(s): IP-65

Certification Standards: UL Safety US-CA

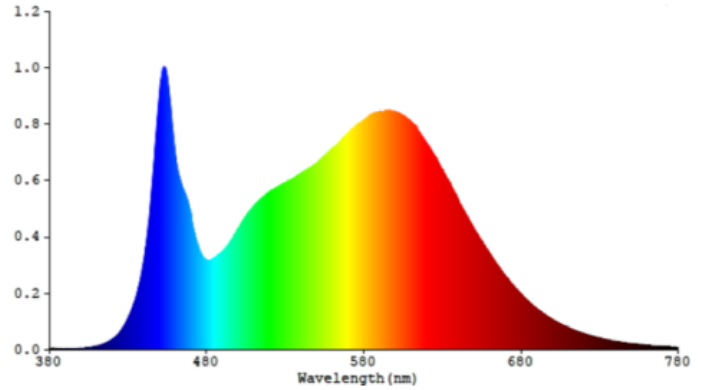
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LED SPECIFICATIONS

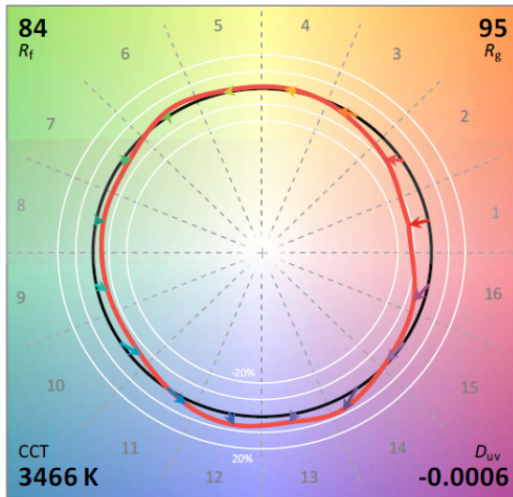
R Tables

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

Rg: 95

Chromaticity: X=0.3483 Y=0.3724 at 4000K

CRI: >80

L70: 54,000hrs

Colour Tolerance: +/-300K

Rf: 84

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

Duv: -0.0007 (4K)



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ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac-347Vac
Current Draw at 120Vac: 00.4163A
Inrush Current: 30A peak, 1.2ms duration, < 0.25A2S at 120Vac, Cold Start
Power Factor at 347Vac: >0.95
Driver MTBF: 200,000hrs
Dimming: 0-10Vdc, (0% Min Light Level)
Short Circuit Protection: Auto Recovery.
The output shall return to normal when the fault condition is removed.

Input Frequency: 50/60 Hz
Current Draw at 277Vac: 00.1816A
Max On-Delay: < 1S
THD at 120Vac(%): <5%
Max Operating Case Temperature: <90C
Dimming Current mA: .5mA draw
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Fixture Draw: 49.87 W
Current Draw at 347Vac: 00.1491A
Power Factor at 120Vac: > 0.95
THD at 347Vac(%): <20%
Surge Suppression: 2kV (Line-Line), 4kV (Line-Earth)
Over Temperature Protection: Auto Recovery. The output shall return to normal when the temperature returns to normal.

PHYSICAL SPECIFICATIONS

Finish Colour: GREY
Mounting: Surface, Suspended
Lens Type: Frosted

Finish Type: Textured powder coat over chromate conversion coat
Housing Material: Polycarbonate with Grey pigment powder
Reflector Material: Painted Steel

Wiring: Back and End Knock outs with luminaire disconnect
Lens Material: Acrylic
Entries: Knockouts, ends and backside

SHIPPING INFORMATION

OrderingCode(s): 0630-3000 VP4-WS-3CS-WRV
Box Weight: KG LBS
Carton Weight: KG LBS

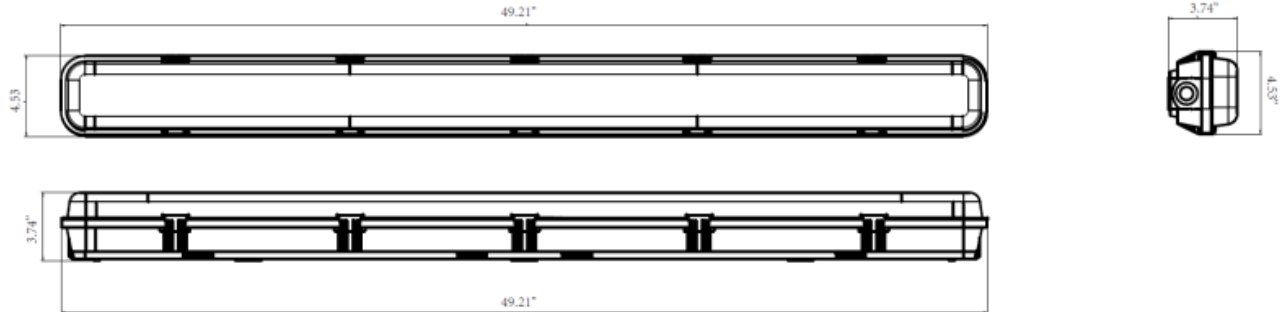
Box Quantity: 1
Carton Quantity: 6

Box Dimensions (L-W-H): L W H
Carton Dimensions (I-W-H): L W H

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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