TAMLITE
LIGHTING

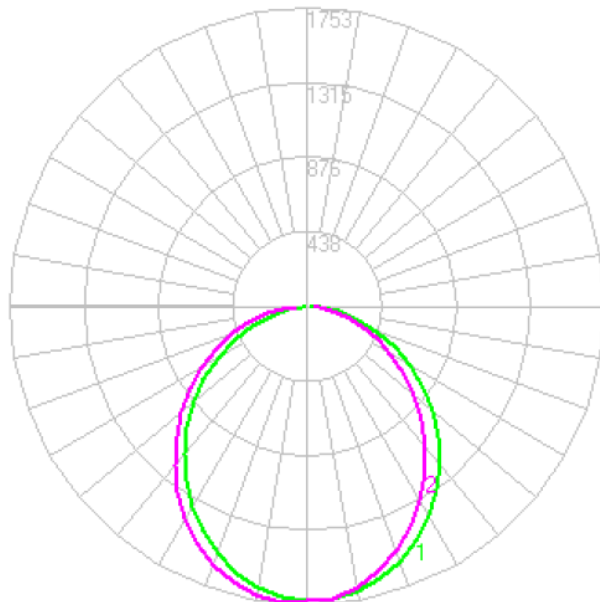| Project:		
Location:		
Model#: WL4-WS-3CS-WRV-WH	**Type:**	
Client:	**Qty:**	
Prepared by:	**Date:**	

SERIES SPECIFICATIONS

The WL Series is a surface-mounted LED wraparound fixture featuring field-selectable colour temperature (3500K/4000K/5000K) and wattage options. Designed for flexibility and performance, it offers smooth 0-10V dimming and delivers energy-efficient, uniform illumination. Ideal for commercial, retail, and utility spaces.
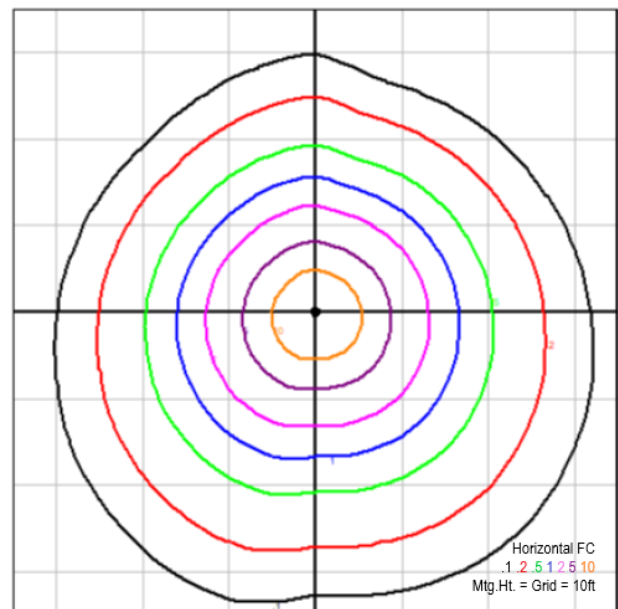
c(UL)us LISTED | DRY LOCATION | WRV 120-347 VAC | DIM 0-10V | COLOR SELECTIVE | 5 YEAR LIMITED WARRANTY

PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

Isolux Diagram

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

Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	163.35	30-40	798.03	60-70	524.45	90-100	0	120-130	0	150-160	0
10-20	462.05	40-50	798.73	70-80	308.38	100-110	0	130-140	0	160-170	0
20-30	683.75	50-60	699.45	80-90	119.03	110-120	0	140-150	0	170-180	0

Total Initial Lumen Output; 4557.22 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: 4,557 lm @[4K]
Luminaire Type: Surface Direct
UL Classification: Dry Location Only
DLC Number: .

Efficacy: 117 lm/W @[4K]
Spacing Criteria: 1.24(0-180), 1.16(90-270)
Ambient Operating Temp: -20ºC to 40ºC / -2ºF to 105ºF
Limited Product Warranty: 5 Year(s)

Max Candela: 1,752 cd
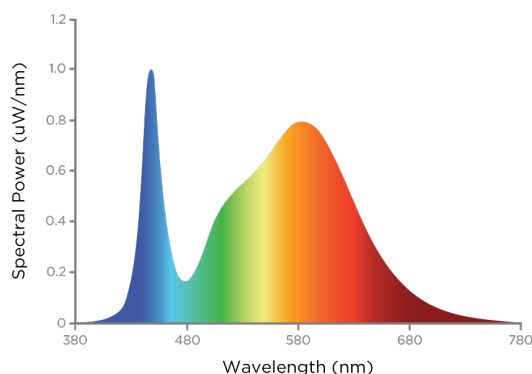**Environmental Rating(s):** IP20
Certification Standards: UL Safety US-CA , DLC

LED SPECIFICATIONS

R Tables

R1	82	R9	12
R2	88	R10	72
R3	93	R11	82
R4	83	R12	62
R5	82	R13	83
R6	84	R14	96
R7	86	R15	77
R8	87	Ra	83

SPD

Source Type: LED
L80: .

CRI: >80
L90: .

L70: >50,000 Hrs
Colour Temperature: 3500K, 4000K, 5000K Field Selectable

ELECTRICAL SPECIFICATIONS

Input Voltage: 120-347Vac
Current Draw at 120Vac: 00.3250A
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: 00.1408A
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: 40.00 W
Current Draw at 347Vac: 00.1124A
Power Factor at 120Vac: > 0.95
THD at 347Vac(%): <20%
Surge Suppression: 2kV (Line-Line), 4kV (Line-Earth)
Over Temperature Protection: Auto recovery. Current returns to normal after over temperature is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: White

Mounting: Surface, Suspended

Lens Type: Frosted Prismatic

Finish Type: Textured Powder Coat over Chromate Conversion Coat

Housing Material: Heavy Gauge Steel

Reflector Material: Painted Steel

Wiring: Back and End Knock outs with luminaire disconnect

Lens Material: PMMA

Entries: End and back 1/2" knock-outs

SHIPPING INFORMATION

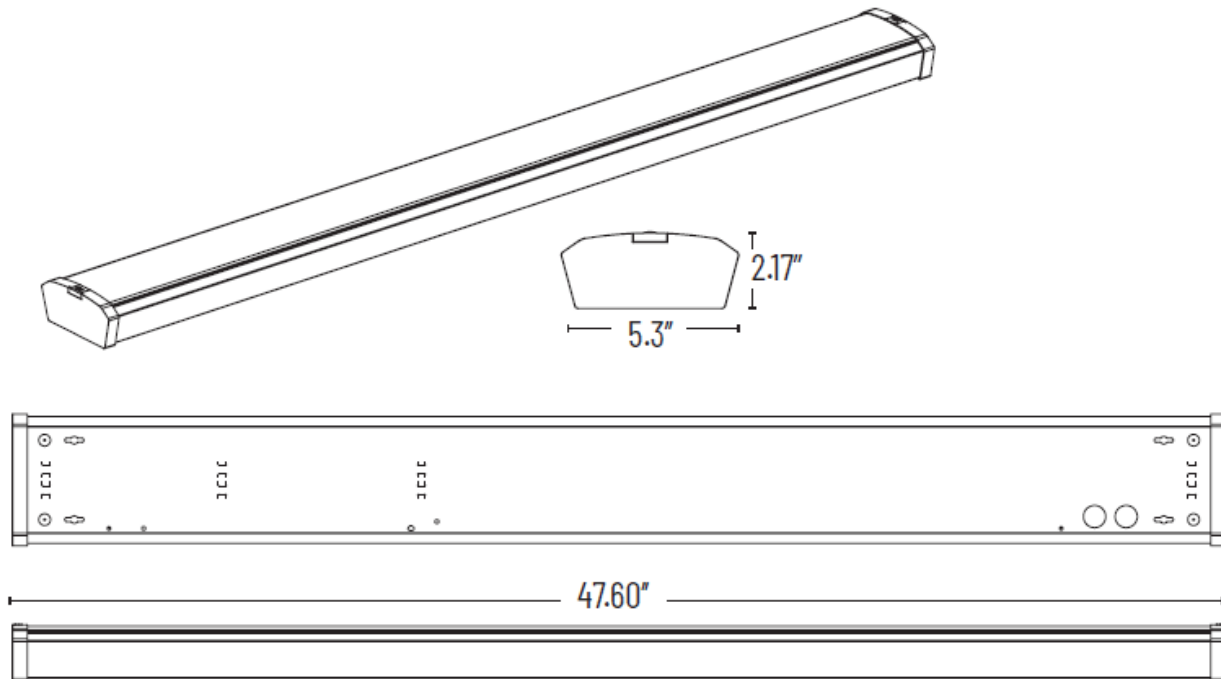**OrderingCode(s):** 0630-2538 WL4-WS-3CS-WRV

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

LINE DRAWING

Line Drawings

2.17"

5.3"

47.60"

SERIES ARCHITECTURE

Series Architecture

SERIES	SIZE	COLOUR SELECTABLE	WATTAGE SELECTABLE	VOLTAGE
WL	2'	3500K/4000K/5000K	22/18/15W	120-347VAC
	4'		39/33/29W	

SERIES	WATTAGE	3500K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
WL2-WS-3CS-WRV	22	2422	110	2467	112	2432	111
	18	2155	120	2222	123	2159	120
	15	1816	121	1858	124	1817	121
WL4-WS-3CS-WRV	39	4520	116	4821	124	4720	121
	33	3830	116	3947	120	3832	116
	29	3371	116	3463	119	3379	117