

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

SERIES SPECIFICATIONS

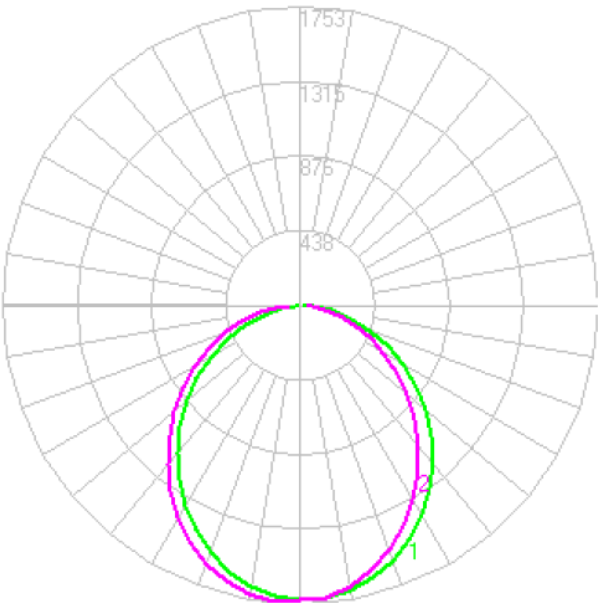


The WL Series is a surface-mounted LED wraparound fixture featuring field-selectable colour temperature (3500K/4000K/5000K) and wattage options. Designed for flexibility and performance, it offers smooth 0-10V dimming and delivers energy-efficient, uniform illumination. Ideal for commercial, retail, and utility spaces.

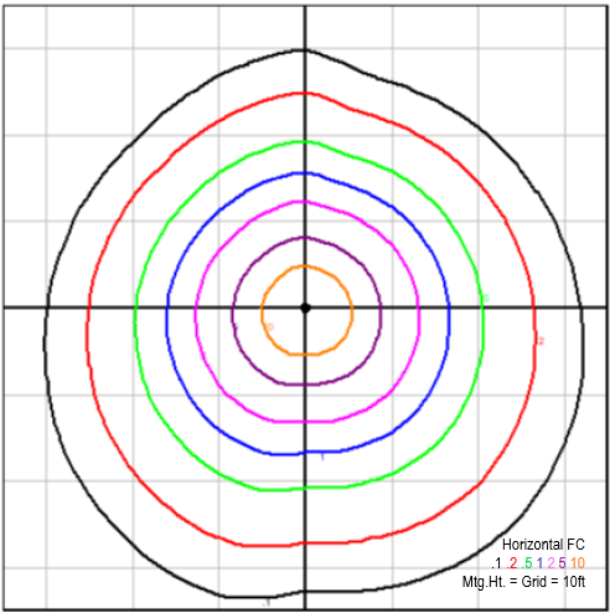


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



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



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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:** 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:** -20°C to 40°C  
/ -2°F to 105°F  
**Limited Product Warranty:** 5 Year(s)

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

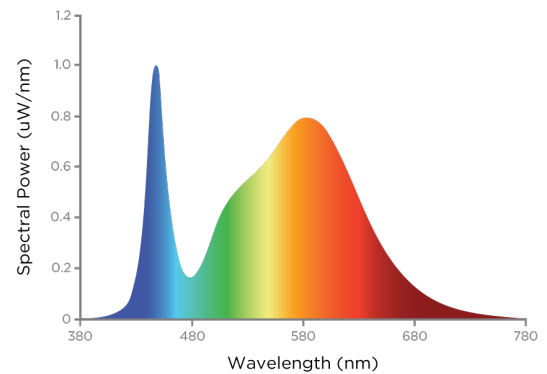
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## LED SPECIFICATIONS

### R Tables

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

### 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.

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## 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

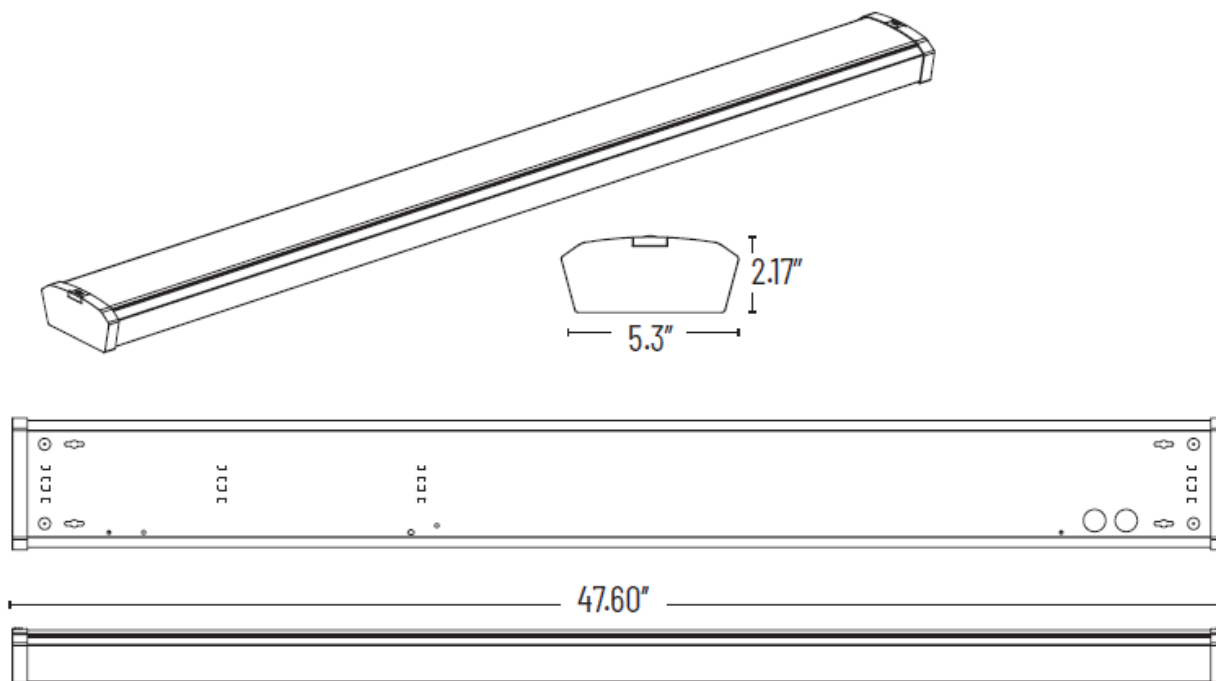
**Carton Quantity:** 6

**Box Dimensions (L-W-H):** L W H

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

## LINE DRAWING

### Line Drawings





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## 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	

		3500K		4000K		5000K	
SERIES	WATTAGE	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