

Project:	
Location:	
Model#: WL2-WS-3CS-WRV	Type:
Client:	Qty:
Prepared by:	Date:

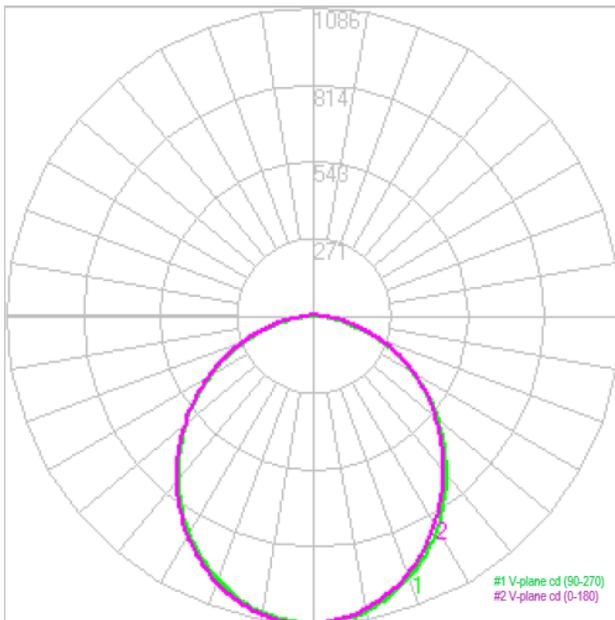
**SERIES SPECIFICATIONS**

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.

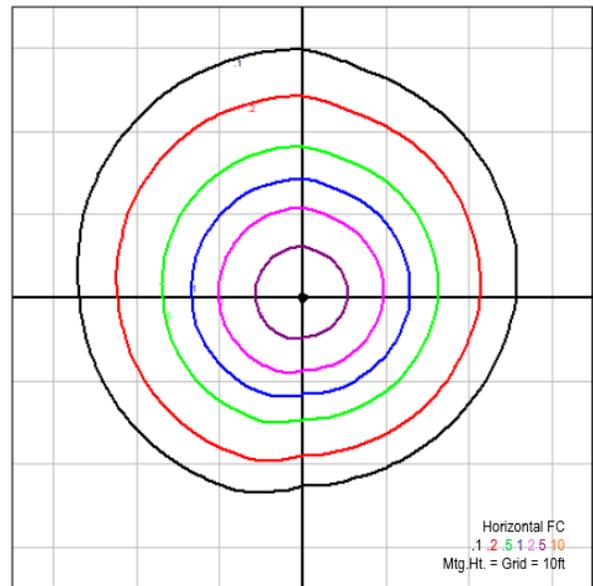


**PERFORMANCE SPECIFICATIONS**

**Luminance Distribution Chart**



**Isolux Diagram**



**Zonal Lumen Summary**

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	102.27	30-40	504.29	60-70	336.62	90-100	5.38	120-130	1.53	150-160	1.17
10-20	289.58	40-50	508.52	70-80	190.78	100-110	1.04	130-140	1.66	160-170	0.85
20-30	429.73	50-60	448.72	80-90	55.7	110-120	1.57	140-150	1.47	170-180	0.28

Total Initial Lumen Output: 2881.16 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:** 2,881 lm@35K  
**CBCP:** 1,085 CD  
**Luminaire Type:** Surface Direct  
**UL Classification:** Dry Location Only  
**DLC Number:** .

**Efficacy:** 133 lm/W @35K  
**Beam Angle:** 120°  
**Spacing Criteria:** 1.22(0-180), 1.22(90-270)  
**Ambient Operating Temp:** -20°C to 40°C / -2°F to 105°F  
**Limited Product Warranty:** 5 Year(s)

**Max Candela:** 1,085 CD  
**Field Angle:** 140°  
**Environmental Rating(s):** IP20  
**Certification Standards:** UL Safety US-CA , DLC

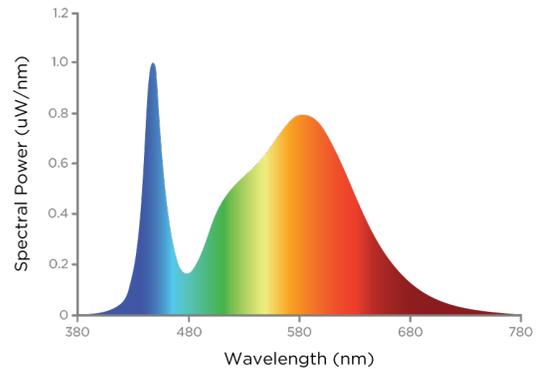
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**LED SPECIFICATIONS**

**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:** 00.1833A  
**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:** 00.0794A  
**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:** 21.70 W  
**Current Draw at 347Vac:** 00.0634A  
**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):** 0630-2535 WL2-WS-3CS-WRV

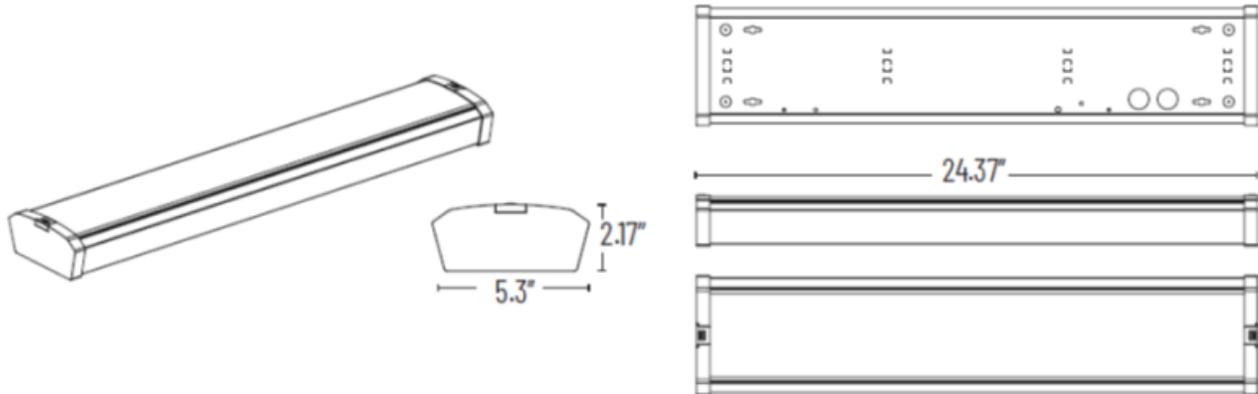
**Box Weight:** KG LBS  
**Carton Weight:** KG LBS

**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	

SERIES	WATTAGE	3500K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
WL2-WS-3CS-WRV	21.7	2881	133	2934	135	2982	133
	18	2389	133	2464	137	2886	160
	15	1991	133	2037	136	2882	192
WL4-WS-3CS-WRV	38.4	5214	136	5561	145	5444	142
	33	4480	136	4617	140	5216	158
	29	3937	136	4045	139	5226	180