

Project:	
Location:	
Model#: BLP14-WS-3CS-WRV	Туре:
Client:	Qty:
Prepared by:	Date:

### **SERIES SPECIFICATIONS**



Discover the superior functionality and sleek design of the Tamlite Lighting BLP-3CS-WRV Series. Ideal for both commercial and residential settings, this LED panel offers adjustable color temperatures (3500K, 4000K, 5000K) and wattage settings, ensuring optimal energy efficiency and ambiance customization. With features like emergency backup and easy installation, this durable and lightweight lighting solution enhances any space with consistent, high-performance illumination. Its versatility and 120-347 voltage compatibility make it a top choice for upgrading or installing new lighting systems.











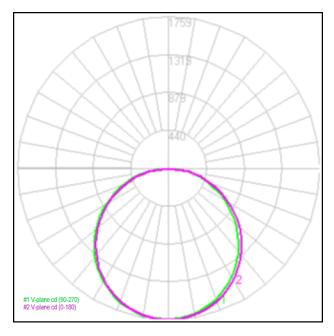




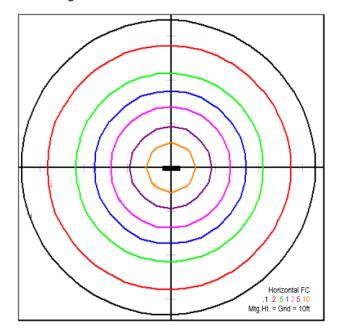


## PERFORMANCE SPECIFICATIONS

## **Luminance Distribution Chart**



## **Isolux Diagram**





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## **Zonal Lumen Summary**

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	165.99	30-40	878.09	60-70	657.08	90-100	0	120-130	0	150-160	0
10-20	476.33	40-50	917.51	70-80	407.63	100-110	0	130-140	0	160-170	0
20-30	724.41	50-60	838.88	80-90	94.13	110-120	0	140-150	0	170-180	0

Total Initial Lumen Output; 5160.05 lm

## **Co-efficient of Utilization**

RC		8	0			7	0			50				30			10		0
RW	70	50	30	10	70	50	30	10	50	30	10	1	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106	102	102	102	100
1	109	104	99	95	106	101	97	94	97	94	91		93	90	88	90	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74		81	77	73	78	74	71	69
3	90	79	70	64	87	77	69	63	74	68	62		71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	58	53		63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45		57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40		51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35		47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	31	44	37	31		43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28		39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	26		37	30	25	36	30	25	24

Initial Lumen Output: 5158 lm @4000K

**CBCP:** 1759 cd @4000K

Luminaire Type: Direct - Recessed
UL Classification: Dry Location
Certification Standards: ETL DLC 5.1

Standard

Efficacy: 141 lm/W Beam Angle: 110°

Spacing Criteria: (0-180) 1.24 / (90-270)

1.28

Fire Rating: UL94-HB **DLC Number:** In Process

Max Candela: 1759 cd @4000K

Field Angle: 110°

Environmental Rating(s): IP20
Ambient Operating Temp: 45°C
Limited Product Warranty: 5 years



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### LED SPECIFICATIONS

### **R Tables**

R1	84
R2	91
R3	95
R4	84
R5	84
R6	87
R7	86
R8	67

R9	14
R10	78
R11	84
R12	62
R13	86
R14	97
R15	78
Ra	84.7

Source Type: 2835

**Rf:** 84

Colour Temperature: 35/40/50K

**Duv:** 0.0011

Manufacturer: Bridgelux

**Rg:** 96

Chromaticity: X=0.3818; Y=0.3798 @

4000K

**CRI:** 80

**L70:** >54,000 Hrs

Colour Tolerance: 3500±180K

5029±220K

# **ELECTRICAL SPECIFICATIONS**

Input Voltage: 120-347Vac Current Draw at 277Vac: 0.158A

Max On-Delay: < 1S

Power Factor at 347Vac: 0.009

**THD at 347Vac(%):** 20 **Dimming:** 0-10V

Short Circuit Protection: Output Short

Circuit Protection

Input Frequency: 50HZ/60HZ Current Draw at 347Vac: 0.127A Power Factor at 120Vac: 0.009

THD at 120Vac(%): 20

Max Operating Case Temperature: 45°C

Dimming Current mA: 0.4mA

Current Draw at 120Vac: 0.366A

Inrush Current: ?50A2S

Power Factor at 277Vac: 0.009

THD at 277Vac(%): 20

**Surge Suppression:** DM=1KV/CM=2KV **Over Temperature Protection:** IC Over

Temperature Protection



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### PHYSICAL SPECIFICATIONS

Finish Colour: White
Housing Material: Aluminum
Reflector Material: PET

Wiring: AC solution
Lens Material: PMMA

Mounting: Recessed Lens Type: Opaque

# SHIPPING INFORMATION

OrderingCode(s): BLP14-WS-3CS-WRV

Box Weight: 0.000Kg / 0.000Lbs Carton Weight: 10.47lbs

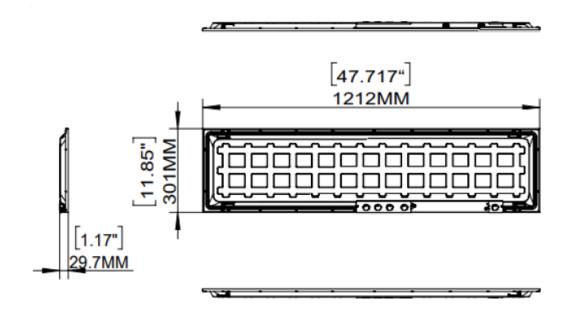
Box Quantity: 2 Carton Quantity: 8 **Box Dimensions (L-W-H):** 495.0 x 340.0 x 180.0 mm / 19.488 x 13.386 x 7.087 in.

Carton Dimensions (I-W-H):

49.09"x2.95"x13.46"

# LINE DRAWING

### **Line Drawings**







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## SERIES ARCHITECTURE

## **Series Architecture**

BLP -	_	14	WS		3CS -				WRV		
Part	Size	9	Wattage *	ССТ		Mount	ing	Voltag	ge	Optior	ns .
BLP	22	1x4ft 2x2ft 2x4ft	ws	3CS	Selectable White (3500K,4000K,5000K)	Blank	Recessed T-Bar	WRV	120-347VAC	Blank EM	No Options Emergency Driver

1X4	30W	35W	40W
3500K	3870 lm	4371 lm	4844 lm
4000K	4068 lm	4621 lm	5160 lm
5000K	3962 lm	4503 lm	5059 lm

2X2	30W	35W	40W
3500K	3745 lm	4279 lm	4720 lm
4000K	3947 lm	4537 lm	5030 lm
5000K	3958 lm	4409 lm	4922 lm

2X4	30W	40W	50W
3500K	3866 lm	4932 lm	6030 lm
4000K	4060 lm	5183 lm	6392 lm
5000K	4030 lm	5090 lm	6309 lm

Optional Extras: BLP14-DFK, BLP14-SMK, TLP14-SPK