



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

SERIES SPECIFICATIONS

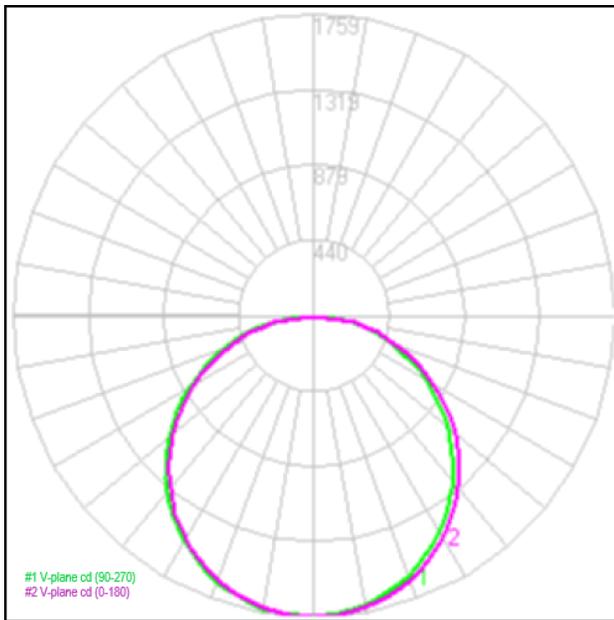


Discover the superior functionality and sleek design of the Tamlite Lighting BLP-3CS-WRV Series. Ideal for both commercial and residential settings, this LED panel offers adjustable color temperatures (3500K, 4000K, 5000K) and wattage settings, ensuring optimal energy efficiency and ambiance customization. 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.

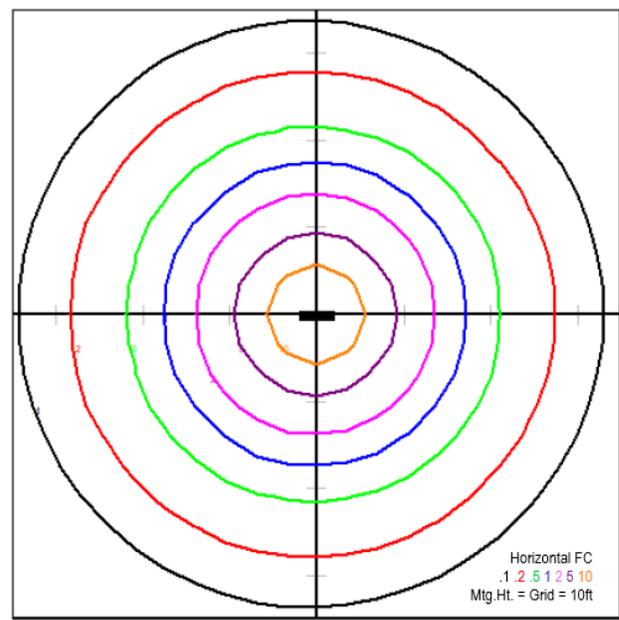


PERFORMANCE SPECIFICATIONS

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	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	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

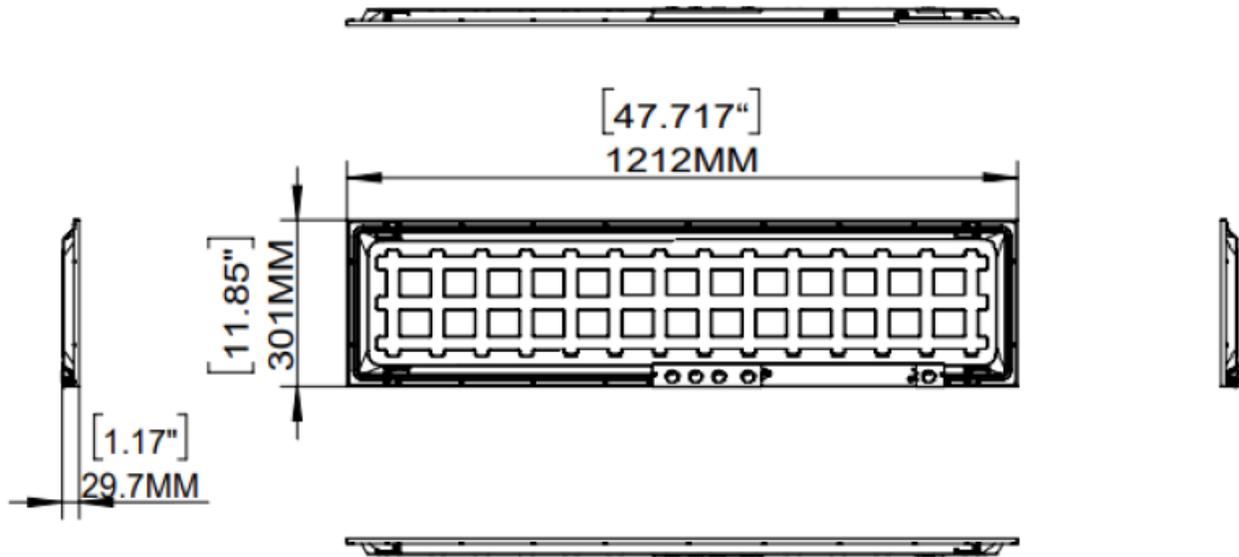
Carton Quantity: 8

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		Options		
Part	Size	Wattage *	CCT	Mounting		Voltage						
BLP	14	1x4ft	WS	3CS	Selectable White (3500K,4000K,5000K)		Blank Recessed T-Bar		WRV 120-347VAC		Blank EM No Options Emergency Driver	
	22	2x2ft										
	24	2x4ft										

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