

Project:	
Location:	
Model#: BLP143640K-UNV-WH	Type:
Client:	Qty:
Prepared by:	Date:

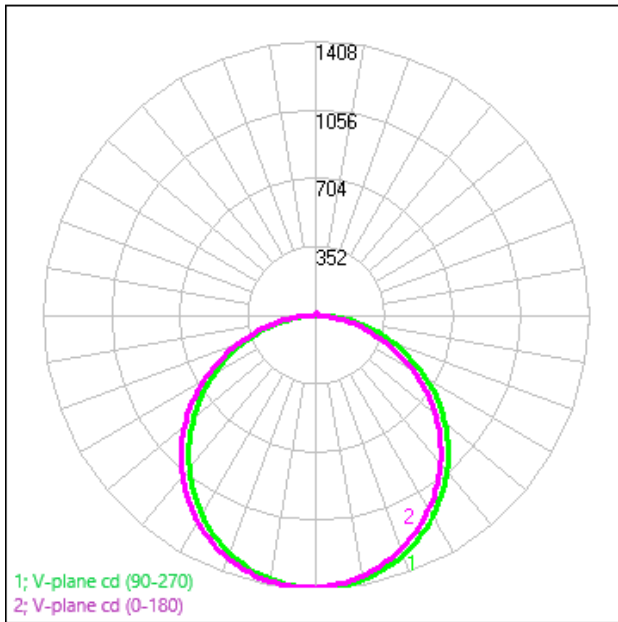
SERIES SPECIFICATIONS

To supply TamLite's BLP Series of LED Back Lit Panel fixture as specified. The luminaire shall operate at 120-277Vac and use an Everlight approved driver. The frame shall be constructed of painted aluminium with a PMMA diffuser. LEDs shall be as specified Everlight 67-21S LED chips. The luminaire shall be cETLus Listed as well as DLC Listed.

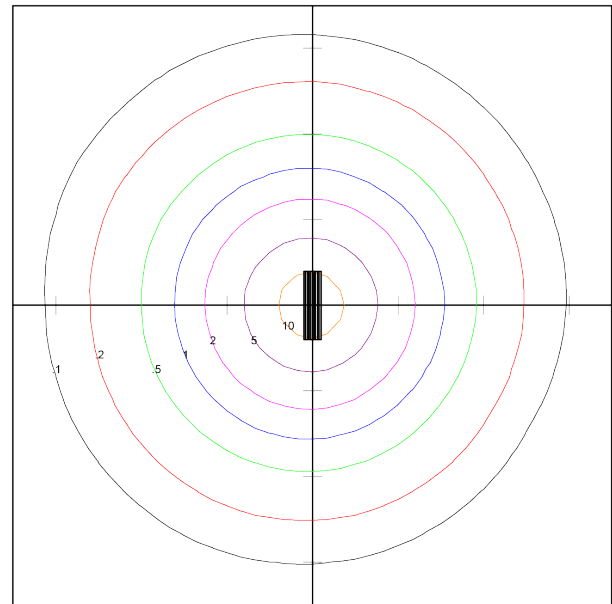


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



NB
BLP1436SW-WRV-WH
ZY-SGQSET40-ZBH12

Horizontal Footcandles
Scale: 1 Inch = 10 Ft.
Light Loss Factor = 1.00
Lumens Per Lamp = 3910.3
Total Lamp Lumens = 3910.3
Mounting Height = 10.00 Ft
Maximum Calculated Value = 13.30 Fc
Arrangement: Single



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Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	132.97	30-40	699.73	60-70	509.65	90-100	4.76	120-130	6.69	150-160	5.21
10-20	381.15	40-50	728.63	70-80	302.58	100-110	5.12	130-140	6.84	160-170	3.43
20-30	578.67	50-60	661.65	80-90	91.22	110-120	6.12	140-150	6.4	170-180	1.2

Co-efficient of Utilization

CC	80				70				50			30			10			0
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
fc	20				20				20			20			20			0
RCR																		
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	89	86	84	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	74	70	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	64	59	57
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	55	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	44	39	49	43	39	37
7	64	51	42	36	62	50	41	35	48	41	35	47	40	35	45	39	34	32
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	41	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	35	29	25	23

Initial Lumen Output: 3890lm
Luminaire Type: Direct
UL Classification: Dry Location Only
DLC Number: PFDTKN95

Efficacy: 111.1lm/W
Spacing Criteria: 1.30 (C0-180), 1.26 (C90-270)
Ambient Operating Temp: -20C to +40C
Limited Product Warranty: 5 Year(s)

CBCP: 1322cd
Environmental Rating(s): IP20
Certification Standards: cETLus, DLC

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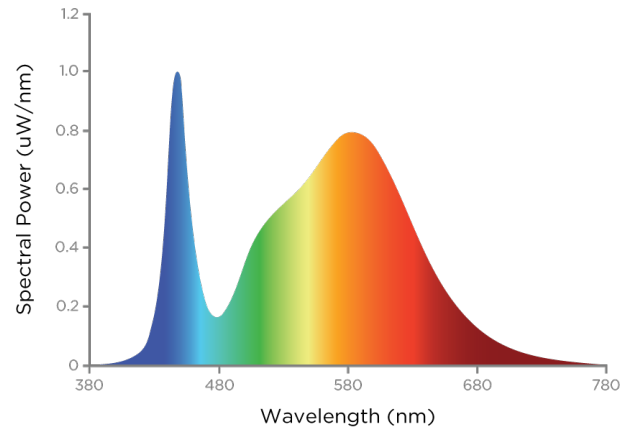
LED SPECIFICATIONS

R Tables

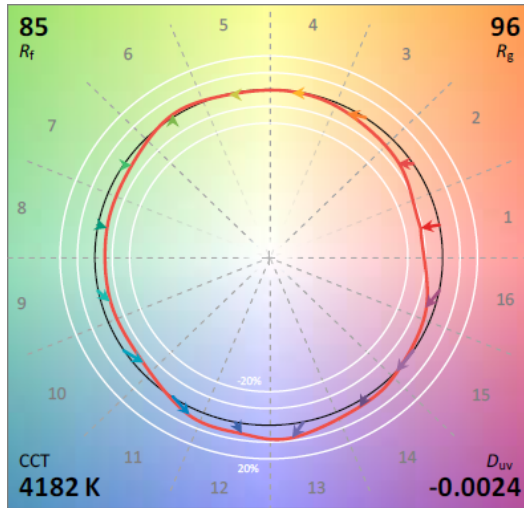
R1	85
R2	92
R3	96
R4	84
R5	85
R6	88
R7	86
R8	68

R9	19
R10	81
R11	84
R12	64
R13	87
R14	98
R15	80
Ra	85

SPD



TM-30



Source Type: LED
CRI: >80
Chromaticity: x=0.3804 y=0.3768

Manufacturer: Samsung Electronics Co.,
 Ltd.
L70: >60000 Hrs.

Part Number: SMD2835
Colour Temperature: 4000K

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ELECTRICAL SPECIFICATIONS

Input Voltage: 120-277Vac
Current Draw at 120Vac: 0.3
Max On-Delay: < 2 S
Dimming: 0-10Vdc, (0% Min Light Level)
Short Circuit Protection: Auto recovery.
 The output recovers when short is removed.

Input Frequency: 50-60 hz
Current Draw at 277Vac: 0.1299
Power Factor at 120Vac: > 0.90
Dimming Current mA: .5mA draw

Fixture Draw: 35.1W
Inrush Current: < 30A/150us
THD at 277Vac(%): < 15%
Over Temperature Protection: Auto recovery. The output recovers when the temperature returns to normal.

PHYSICAL SPECIFICATIONS

Finish Colour: White
Mounting: Recessed T-bar
Lens Type: Frost PS Lens

Finish Type: Powder Coated
Housing Material: Aluminium
Reflector Material: White Thermoplastic

Wiring: Junction Box
Lens Material: Clear PMMA optical lens
Entries: 4 x 1/2" Knockouts

SHIPPING INFORMATION

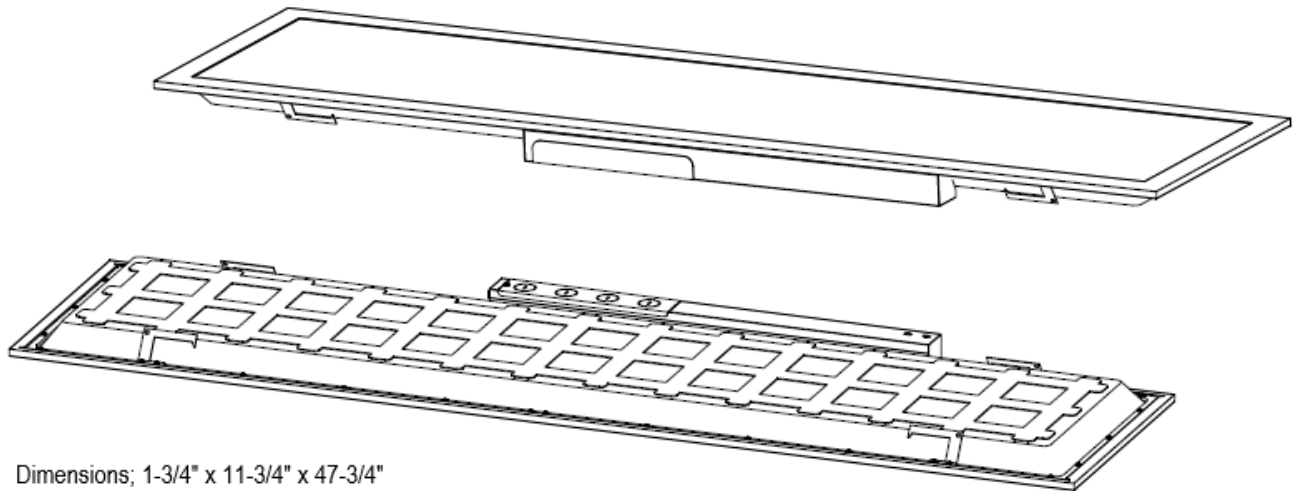
OrderingCode(s): BLP1436SW-WRV-WH
Box Weight: 2.7 kg
Carton Weight: 11 kg

Box Quantity: 1
Carton Quantity: 4

Box Dimensions (L-W-H): 1275 x 60 x 365 mm
Carton Dimensions (I-W-H): 1290 x 265 x 380 mm

LINE DRAWING

Line Drawings



Dimensions; 1-3/4" x 11-3/4" x 47-3/4"



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SERIES ARCHITECTURE

Series Architecture

BLP - - - - -

Part	Size	Wattage	CCT	Mounting	Voltage	Finish
BLP	14 1x4ft	36 36W	40K 4000K	Blank Recessed T-Bar	UNV 120-277VAC	WH White
	22 2x2ft	50 50W				
	24 2x4ft					