



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

A circular diagram with concentric rings. The rings are colored from the center outwards: orange, purple, blue, green, red, and black. A vertical black bar is positioned in the center of the diagram. The rings are labeled with numbers: 10, 5, 2, 1, .5, and 1. The diagram is set against a white background with a black border.

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

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

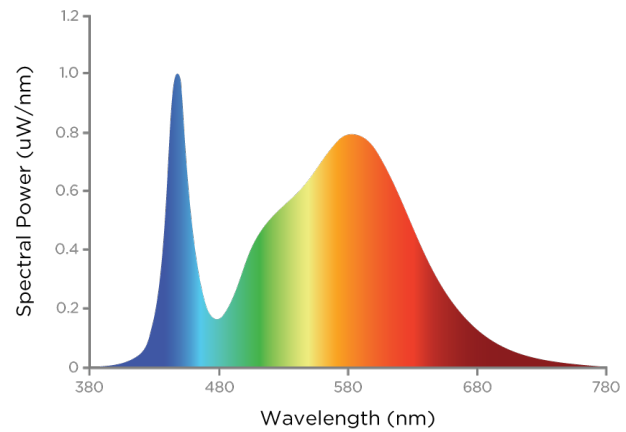
Certification Standards: cETLus, DLC

LED SPECIFICATIONS

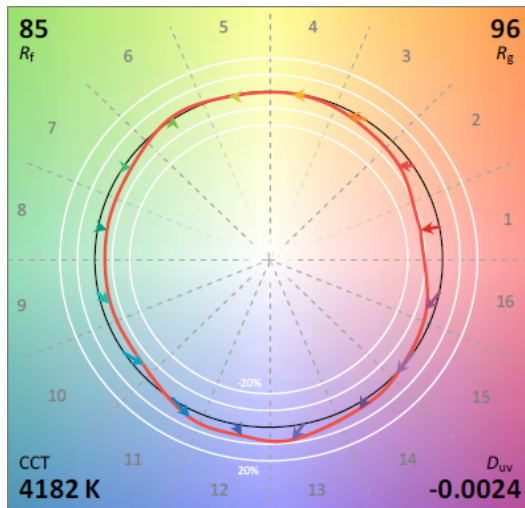
R Tables

R1	85	R9	19
R2	92	R10	81
R3	96	R11	84
R4	84	R12	64
R5	85	R13	87
R6	88	R14	98
R7	86	R15	80
R8	68	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

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 Lense

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

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

SHIPPING INFORMATION

OrderingCode(s): BLP1436SW-WRV-WH

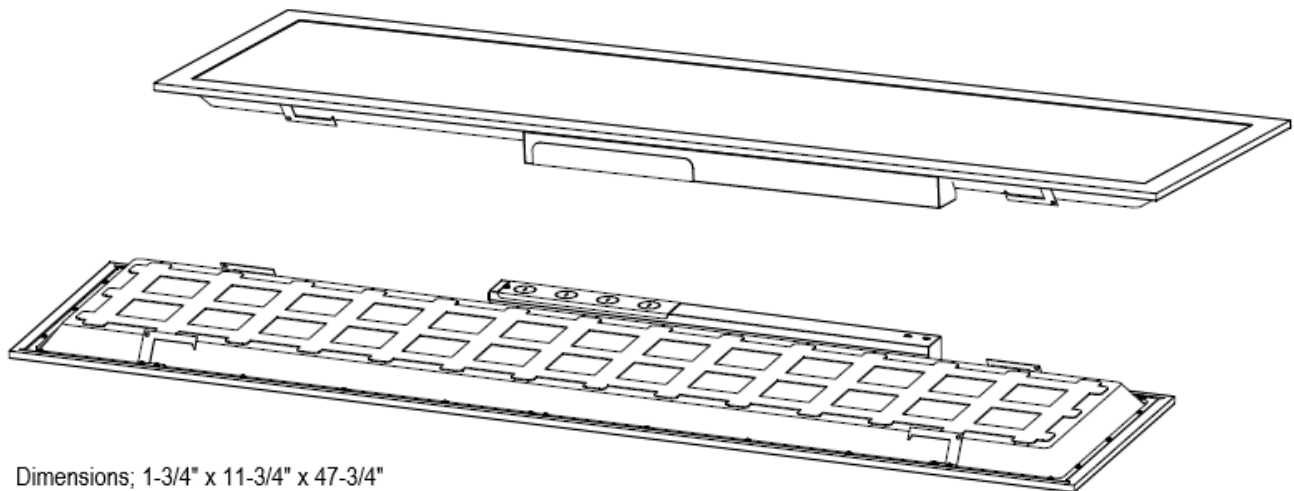
Box Weight: 2.7 kg
Carton Weight: 11 kg

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



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									