

Project:										
Location:										
Model#: BLP143640K-UNV-WH	Туре:									
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.











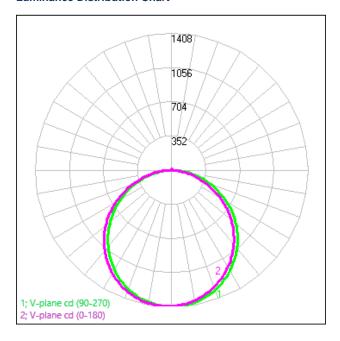




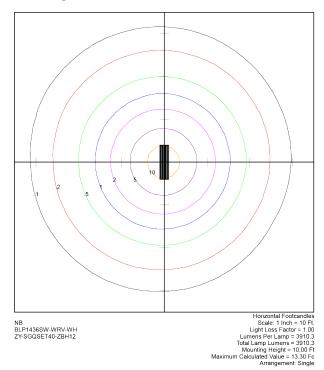


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





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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

СС		8	0		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					2	0		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



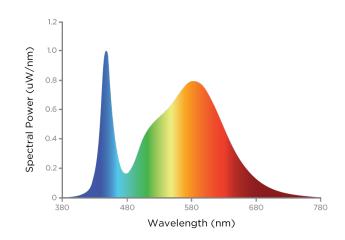
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LED SPECIFICATIONS

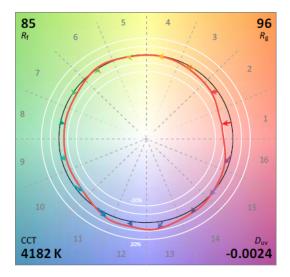
R Tables SPD

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



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 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

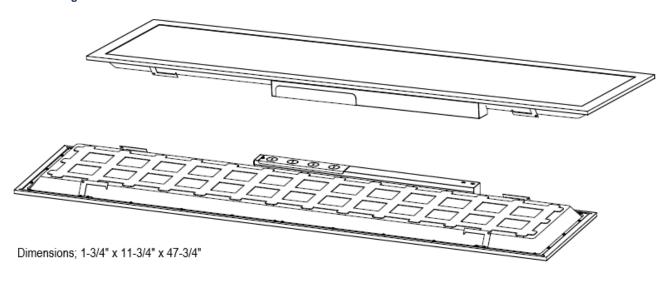
380 mm



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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

BLP ·												
Part	Siz	e	Wa	attage	ССТ	ССТ		ting	Volta	ge	Finish	
BLP	14	1x4ft	36	36W	40K	4000K	Blank	Recessed T-Bar	UNV	120-277VAC	WH	White
	22	2x2ft	50	50W								
	24	2x4ft										