

Project:		
Location:		
Model#:	TLPE143635K-UNV-WH	Type:
Client:		Qty:
Prepared by:		Date:

SERIES SPECIFICATIONS

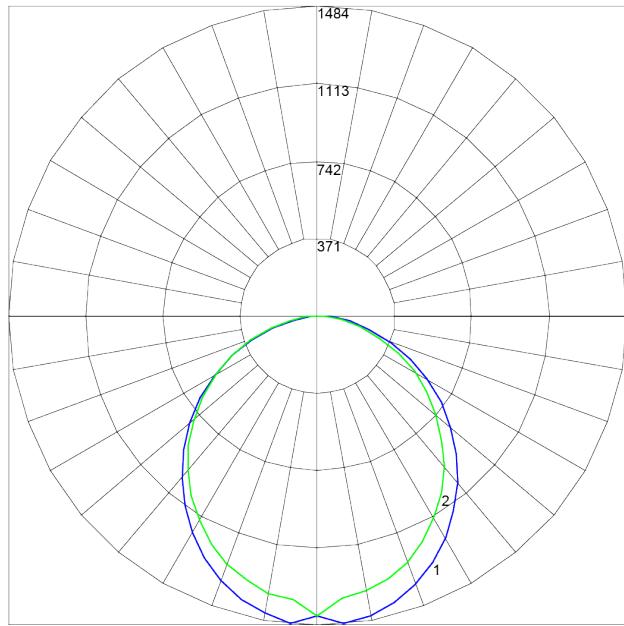


To supply Tamlite's TLPE Series of LED Panel fixture as specified. The luminaire shall operate at 120-277Vac and use an Everlight approved driver. The frame shall be constructed of painted aluminium with a PMMA diffuser. LEDs shall be as specified Everlight 67-21S LED chips. The luminaire shall be cULus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



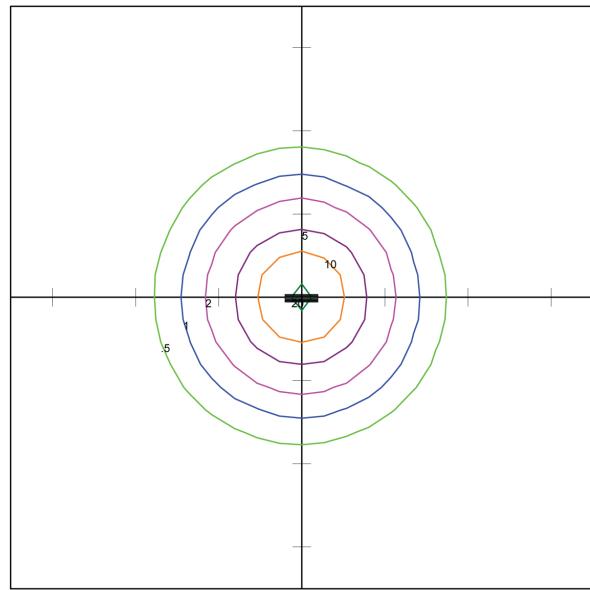
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 1484.22 Located At Horizontal Angle = 90, Vertical Angle = 5
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Vertical Plane Through Horizontal Angles (0 - 180)

Isolux Diagram



TAMILITE LIGHTING CANADA
 CALEDON, ONTARIO
 TLPE1436-UNV-WH
 1X4 36W LED FLAT PANEL
 WITH WHITE TRANSLUCENT PANEL
 WHITE LEDS. OUTPUT = 3880.77 LMS.

Horizontal Footcandles
 Scale: 1 Inch = 10 Ft.
 Light Loss Factor = 1.00
 Lumens Per Lamp = 3880.77
 Total Lamp Lumens = 3880.77
 Mounting Height = 10.00 Ft
 Maximum Calculated Value = 22.52 Fc
 Arrangement: Single

Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	136.56	40-50	698.91	80-90	60.81	120-130	0.00	160-170	0.00
10-20	388.76	50-60	618.08	90-100	0.00	130-140	0.00	170-180	0.00
20-30	580.95	60-70	458.36	100-110	0.00	140-150	0.00	--	--
30-40	687.75	70-80	250.54	110-120	0.00	150-160	0.00	--	--

Co-efficient of Utilization

RC	80				70				50				30				10				0
RW	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	111	111	111	106	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84			
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70			
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	60			
4	83	71	62	56	81	70	62	55	67	60	55	65	59	54	63	57	53	51			
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	57	51	46	44			
6	71	57	48	42	69	56	48	42	55	47	41	53	46	41	51	45	41	39			
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34			
8	61	47	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31			
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28			
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25			

Initial Lumen Output: 3880lm

Luminaire Type: Direct

UL Classification: Dry Location Only

CCN Number: IFA07.E470484

Efficacy: 115.5lm/W

Spacing Criteria: 1.16 (C0-180), 1.34 (C90-270)

Ambient Operating Temp: -20C to +40C

Limited Product Warranty: 5 Year(s)

CBCP: 1475cd

Environmental Rating(s): IP20

Certification Standards: cULus, DLC

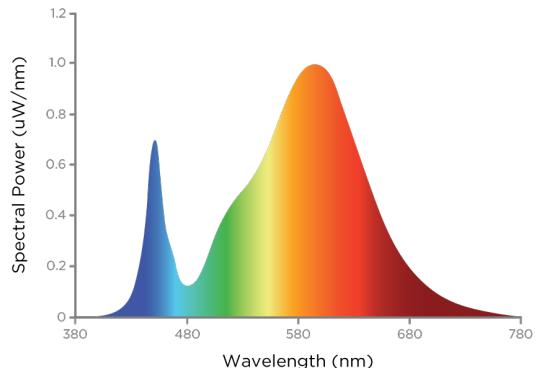
LED SPECIFICATIONS

R Tables

R1	82
R2	92
R3	96
R4	80
R5	82
R6	89
R7	83
R8	60

R9	7
R10	80
R11	80
R12	66
R13	85
R14	98
R15	75
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SPD



Source Type: LED

CRI: >80

Chromaticity: x=0.3790 y=0.3780

Manufacturer: Everlight®

L90: 54,000 Hrs

Colour Tolerance: 3 SDCM

Part Number: 67-21S

Colour Temperature: 3500K

Duv: 0.003

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Lifud®

Input Frequency: 50-60Hz

Power Factor @ 277Vac: >.90

Dimming: 1-10Vdc, (10% Min Light Level)

Driver Certifications: c-RU-us Class 2,

FCC Part 15 Class B, RoHS

Driver Part Number: LF-GMDxxxYS V

Fixture Draw: 33.6W

THD @ 120Vac(%): <15%

Dimming Current mA: 0.2

Input Voltage: 120~277Vac

Power Factor @ 120Vac: >.90

THD @ 277Vac(%): <20%

Short Circuit Protection: Auto Recovery.

The output shall return to normal when the fault condition is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: White

Housing Material: Aluminium

Weight: 9.1 kg

Finish Type: Powder Coated

Lens Material: PMMA

Entries: 4.500" Knockouts

Wiring: Junction Box

Lens Type: Diffuser

SHIPPING INFORMATION

Ordering Code(s): TLPE143635K-UNV-WH

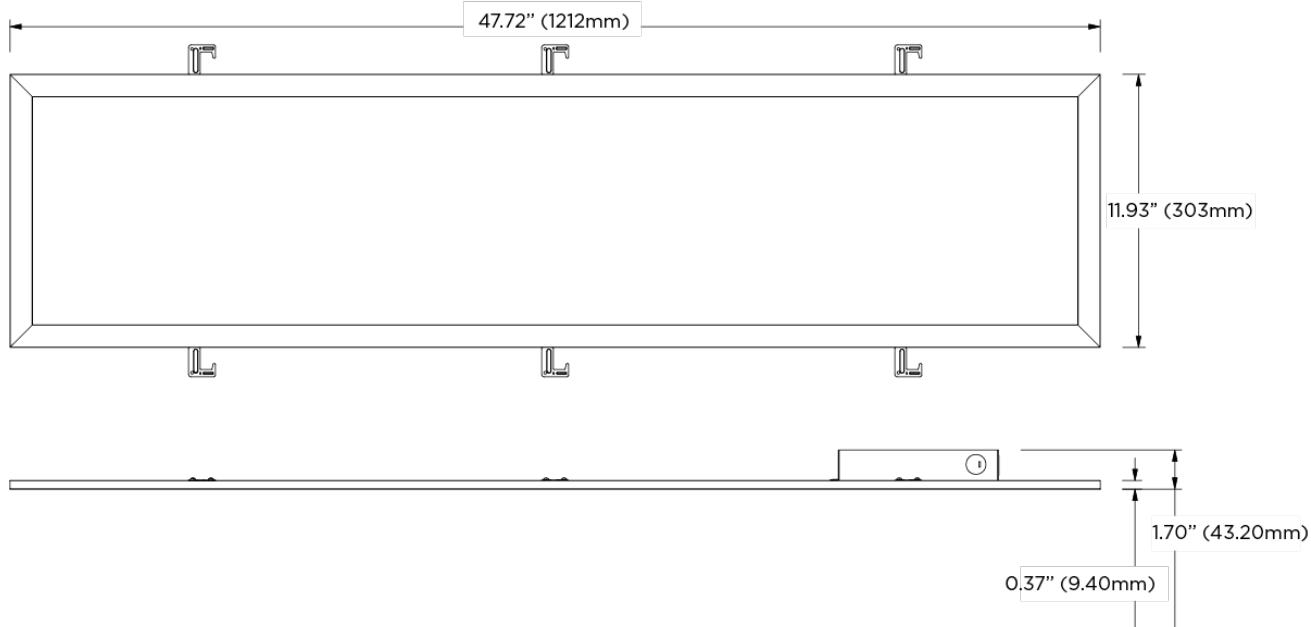
Box Weight: 9.5 kg

Box Quantity: 2

Box Dimensions (L-W-H): 715 x 715 x 115 mm

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLPE Nomenclature

Part	Size		Wattage		CCT		Mounting		Voltage		Finish	
TLPE	14	1x4ft	36	36W	30K	3000K	[blank]	T-Bar	UNV	120-277VAC	WH	White
	22	2x2ft	40	40W	35K	3500K	DF	Drywall Flange	UN4	347VAC		
	24	2x4ft	48	48W	40K	4000K	SF	Surface Mount				
			60	60W	50K	5000K	SU	Suspended				

Optional Extras: TLP14SMK-WH TLP14SPK TLP14DFK-WH, TLPEMK-UNV