



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

## SERIES SPECIFICATIONS

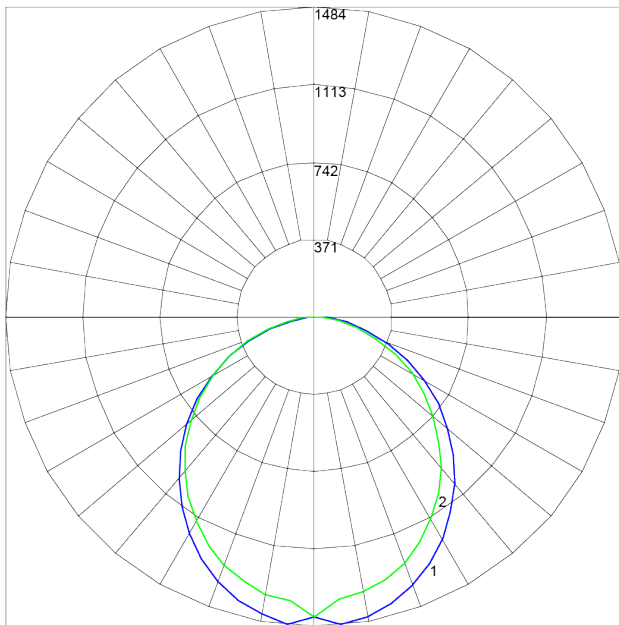


To supply Tamlite's TLPE Series of LED Panel fixture as specified. The luminaire shall operate at 120-277Vac and use an Everlight approved driver. The frame shall be constructed of painted aluminium with a PMMA diffuser. LEDs shall be as specified Everlight 67-21S LED chips. The luminaire shall be cULus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



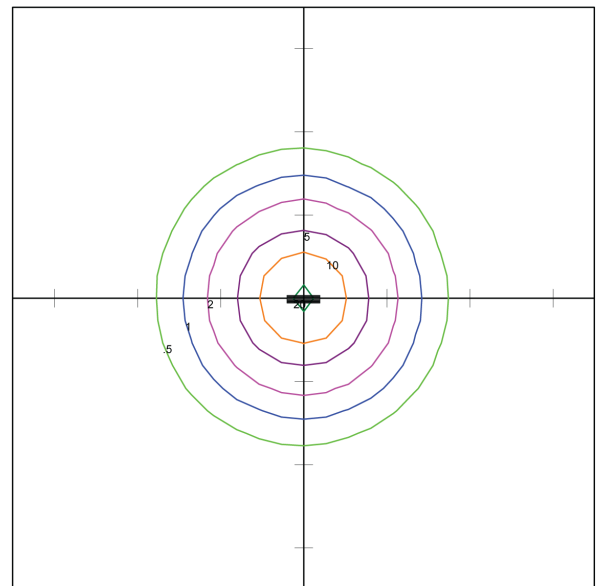
## PERFORMANCE SPECIFICATIONS

### 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



TAMLITE 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 = 8.00 Ft  
Maximum Calculated Value = 22.52 Fc  
Arrangement: Single



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#### 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	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

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## LED SPECIFICATIONS

### R Tables

R1	82	R9	7
R2	92	R10	80
R3	96	R11	80
R4	80	R12	66
R5	82	R13	85
R6	89	R14	98
R7	83	R15	75
R8	60	--	--

### 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

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## SHIPPING INFORMATION

OrderingCode(s): TLPE143635K-UNV-WH

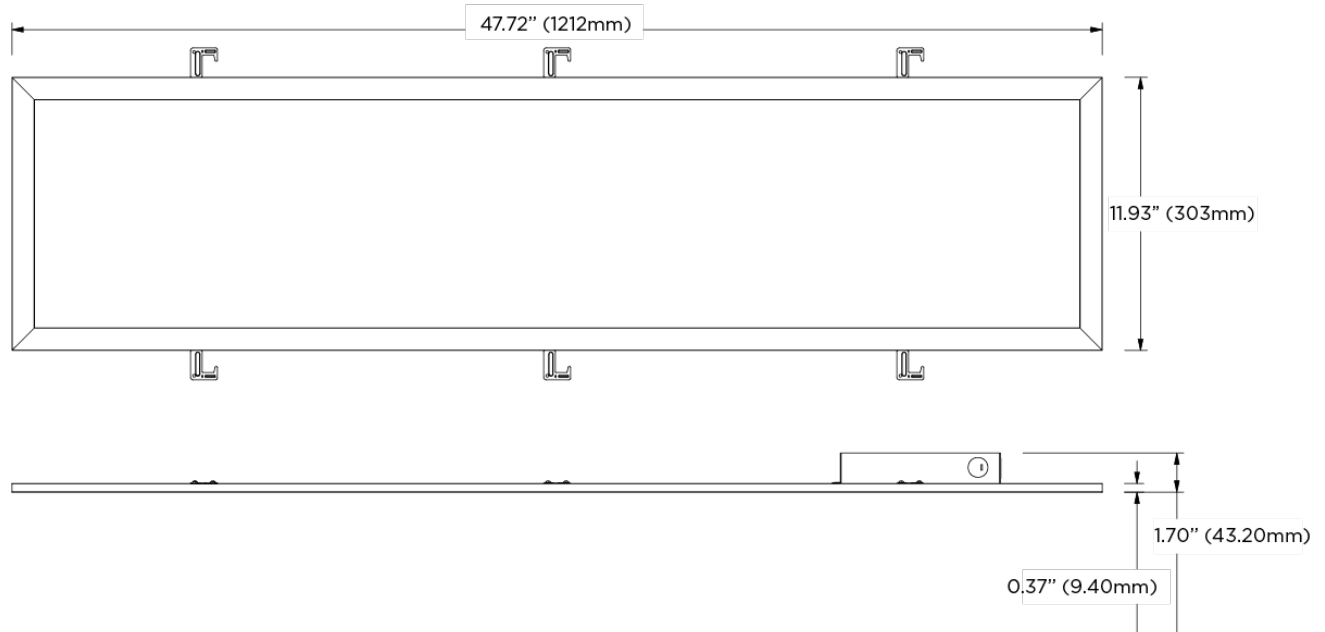
Box Weight: 9.5 kg

Box Quantity: 2

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

## LINE DRAWING

### Line Drawings





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## 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