

Project:	
Location:	
Model#: TLPE143635K-347-WH	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

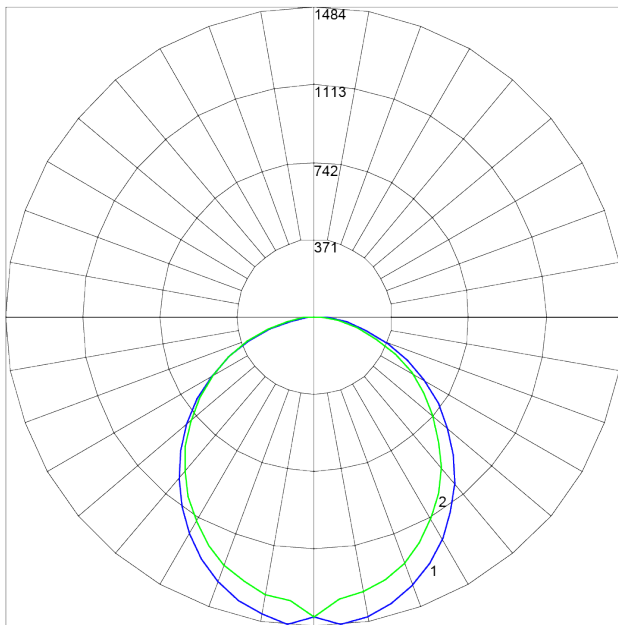


To supply TamLite's TLPE Series of LED Panel fixture as specified. The luminaire shall operate at 347Vac and use an Everlight approved driver. The frame shall be constructed of painted aluminium with a PMMA diffuser. LEDs shall be as specified Everlight 67-21S LED chips. The luminaire shall be cULus Listed and DLC Listed. The fixture shall be DLC listed.



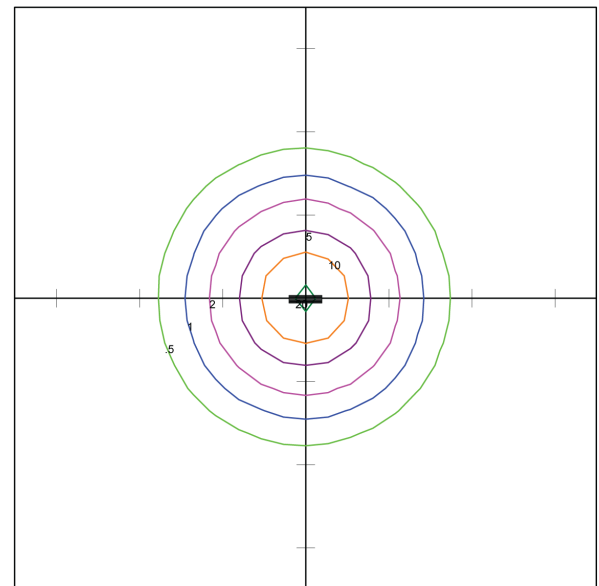
## PERFORMANCE SPECIFICATIONS

**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

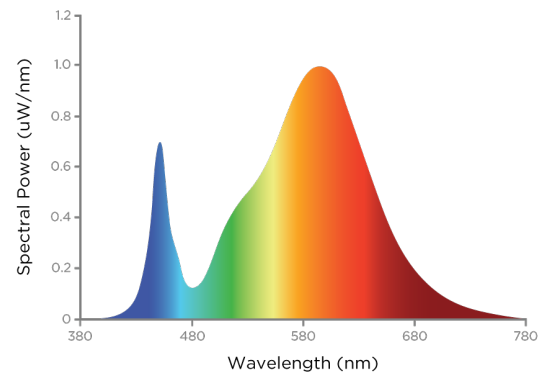
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## LED SPECIFICATIONS

### 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=0.4051 y=0.3929

**Manufacturer:** Everlight®

**L90:** 54,000 Hrs

**Colour Tolerance:** 3 SDCM

**Part Number:** 67-21S

**Colour Temperature:** 3500K

**Duv:** 0.001

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 347Vac

**Power Factor @277Vac:** >.90

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

**Driver Certifications:** c-RU-us Class 2,

FCC Part 15 Class B, RoHS

**Input Frequency:** 50-60Hz

**Power Factor @347Vac:** >.90

**Dimming Current mA:** 0.2

**Fixture Draw:** 33.6W

**THD @277Vac(%):** <15%

**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

**OrderingCode(s):** TLPE143635K-347V-WH

**Box Weight:** 9.5 kg

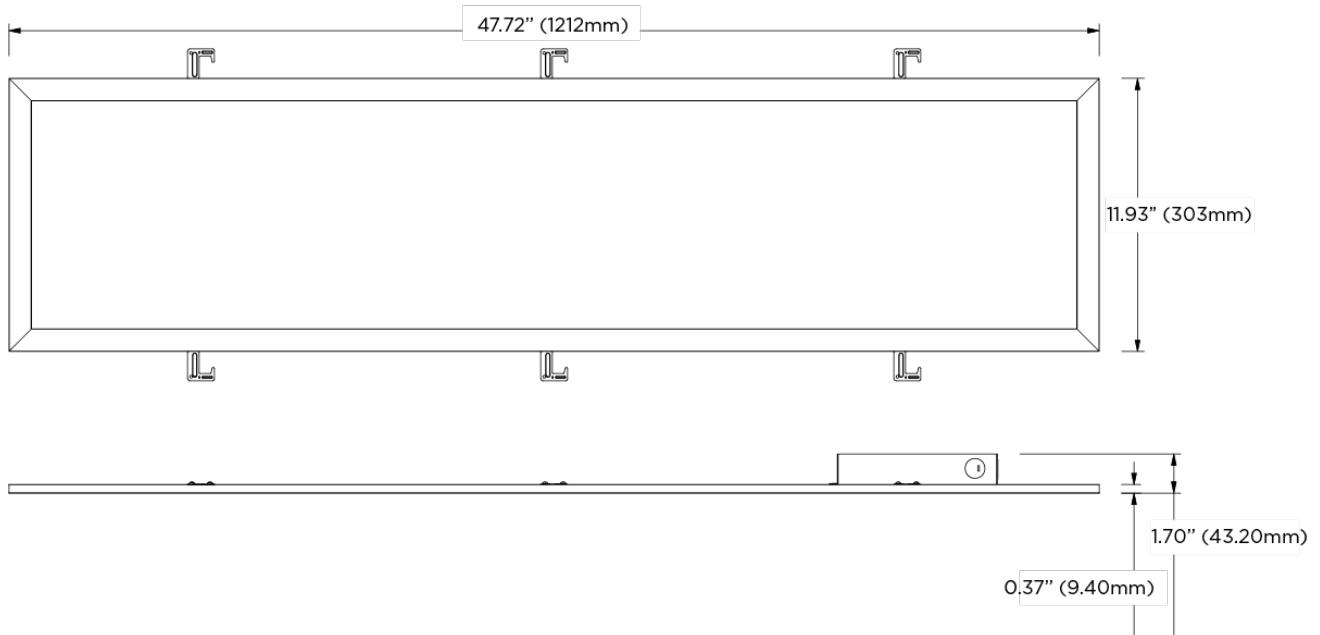
**Box Quantity:** 2

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

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## 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