

Project:										
Location:										
Model#: TLPE143635K-UNV-WH	Туре:									
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.









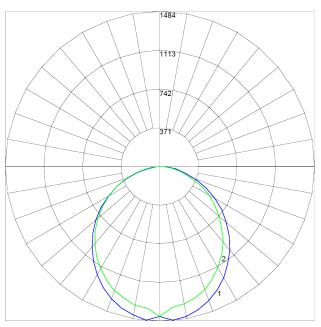






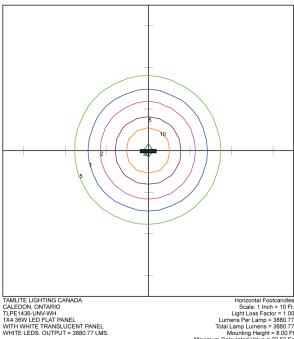
#### PERFORMANCE SPECIFICATIONS

### **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**



Honizontal 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		8	10		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:** IFAO7.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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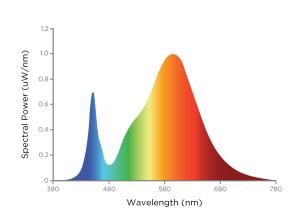
#### LED SPECIFICATIONS

#### **R Tables**

R1	82
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				

## 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

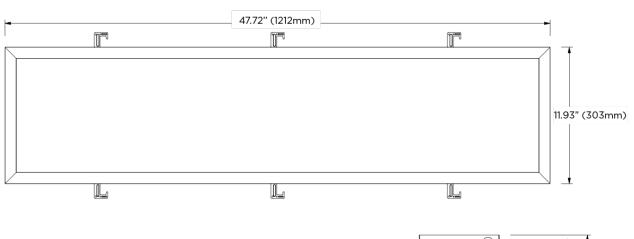
OrderingCode(s): TLPE143635K-UNV-WH

**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		Wat	tage	ССТ		Mountin	ıg	Voltag	ge	Finish	1
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