

Project:	
Location:	
Model#: TLPE143635K-347-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 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.







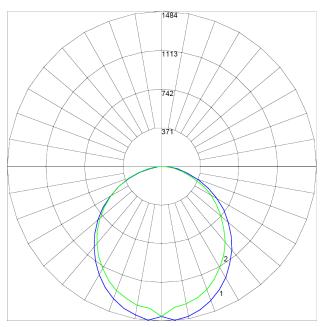






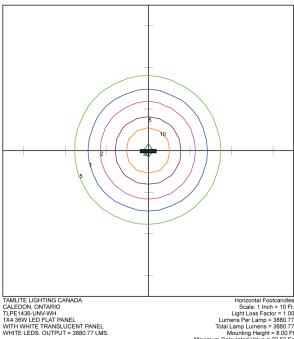
PERFORMANCE SPECIFICATIONS

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



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	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:** 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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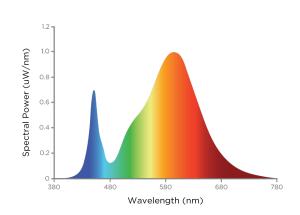
LED SPECIFICATIONS

R Tables

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

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

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

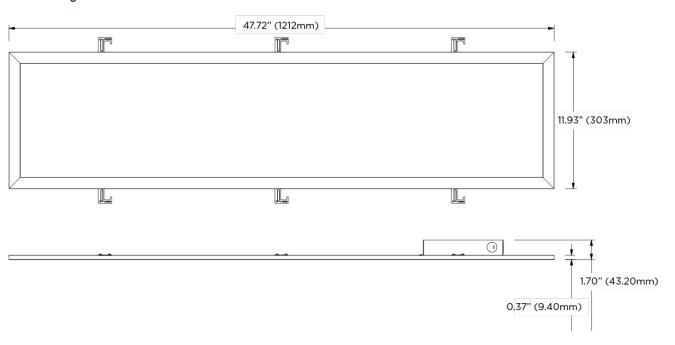
115 mm



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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLPE Nomenclature

Part	Size		Wat	tage	ССТ		Mountin	g	Voltag	ge	Finish	ı
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