



Project:	
Location:	
Model#: TLPE143640K-UNV-WH	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

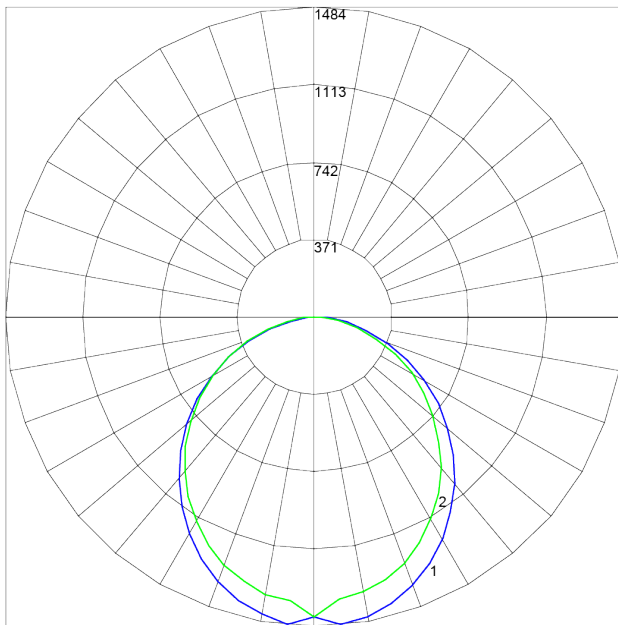


To supply Tamlite's TLPE Series of LED Panel fixture as specified. The luminaire shall operate at 120-277 Vac and use an Everlight approved driver. The frame shall be constructed of painted aluminium with a PMMA diffuser. LEDs shall be as specified Everlight 67-21S LED chips. The luminaire shall be cULus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



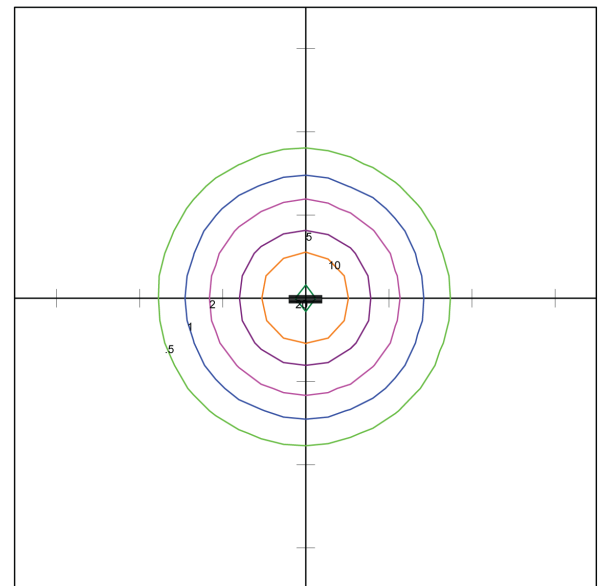
## PERFORMANCE SPECIFICATIONS

### 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:** 3880 lm

**Luminaire Type:** Direct

**UL Classification:** Dry Location Only

**CCN Number:** IFA07.E470484

**Efficacy:** 115.5 lm/W

**Spacing Criteria:** 1.18 (C0-180), 1.28 (C90-270)

**Ambient Operating Temp:** -20°C to +40°C

**Limited Product Warranty:** 5 Years

**CBCP:** 1475 cd

**Environmental Rating(s):** IP20

**Certification Standards:** cULus, DLC

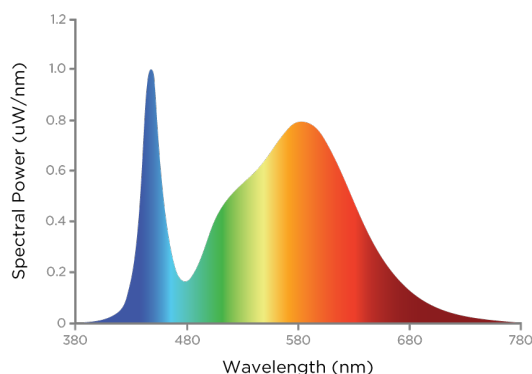
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## LED SPECIFICATIONS

### R Tables

R1	81	R9	9
R2	90	R10	76
R3	96	R11	79
R4	80	R12	56
R5	81	R13	85
R6	86	R14	98
R7	86	R15	75
R8	64	--	--

### SPD



**Source Type:** LED

**CRI:** >80

**Chromaticity:** x=0.3775 y=0.3792

**Manufacturer:** Everlight®

**L90:** 54,000 Hrs

**Colour Tolerance:** 3 SDCM

**Part Number:** 67-21S

**Colour Temperature:** 4000K

**Duv:** 0.002

## ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** Lifud®

**Input Frequency:** 50-60 Hz

**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:** 33.6 W

**THD @ 120Vac(%): Dimming Current mA:**

0.2

**Input Voltage:** 120~277 Vac

**Power Factor @120Vac:** >.90

**THD @277Vac(%): 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):** TLPE143640K-UNV-WH

**Box Weight:** 19.3 kg

**Box Quantity:** 2

**Box Dimensions (L-W-H):** 1320 x 715 x 140 mm

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## LINE DRAWING

### Line Drawings

