



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

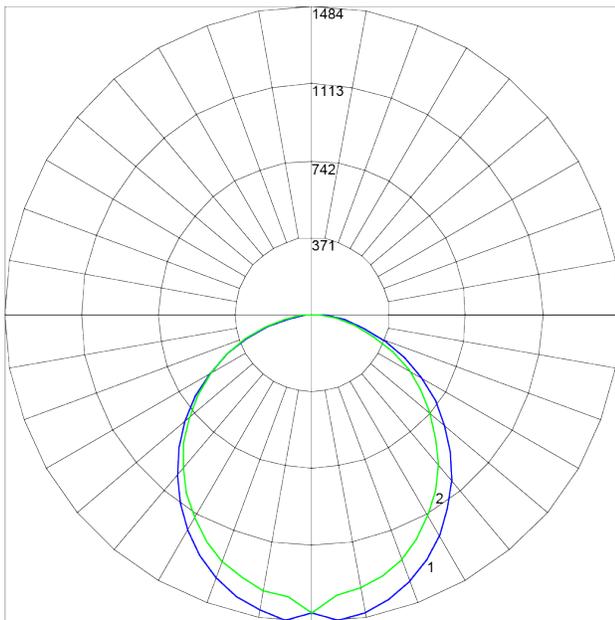
**SERIES SPECIFICATIONS**

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.



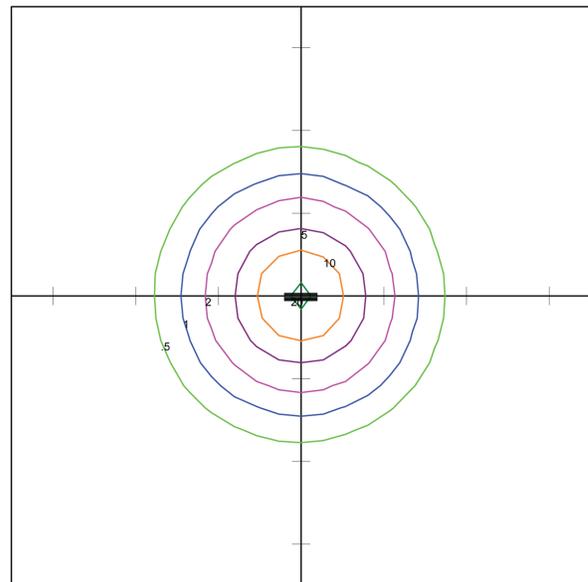
**PERFORMANCE SPECIFICATIONS**

**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:** IFAO7.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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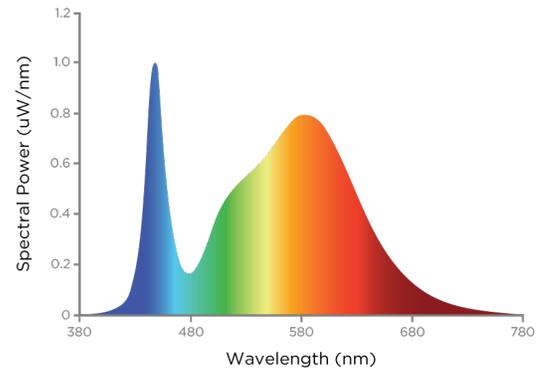
## LED SPECIFICATIONS

### R Tables

<b>R1</b>	81
<b>R2</b>	90
<b>R3</b>	96
<b>R4</b>	80
<b>R5</b>	81
<b>R6</b>	86
<b>R7</b>	86
<b>R8</b>	64

<b>R9</b>	9
<b>R10</b>	76
<b>R11</b>	79
<b>R12</b>	56
<b>R13</b>	85
<b>R14</b>	98
<b>R15</b>	75
<b>--</b>	<b>--</b>

### 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(%):** 15%  
**Dimming Current mA:** 0.2

**Input Voltage:** 120~277 Vac  
**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

## 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

