



Project:	
Location:	
Model#: TLPE223640K-UNV-WH	Type:
Client:	Qty:
Prepared by:	Date:

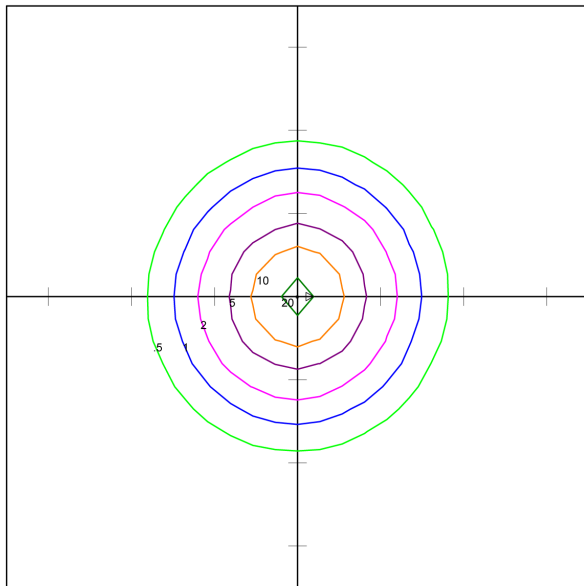
**SERIES SPECIFICATIONS**

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 and DLC Listed.



**PERFORMANCE SPECIFICATIONS**

**Isolux Diagram**



Tamlite Lighting Canada  
 by Tamco Group Canada  
 10 Perdue Crt Caledon Ontario  
 TLPE2236-UNV-WH  
 2X2 35W LED PANEL  
 WITH WHITE TRANSLUCENT PANEL  
 LED

Horizontal Footcandles  
 Scale: 1 Inch = 10 Ft.  
 Light Loss Factor = 1.00  
 Lumens Per Lamp = N.A. (absolute photometry)  
 Luminaire Lumens = 4277  
 Mounting Height = 8.00 Ft  
 Maximum Calculated Value = 23.60 Fc  
 Arrangement: Single



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**Zonal Lumen Summary**

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	145.95	40-50	828.31	80-90	83.14	120-130	0.00	160-170	0.00
10-20	422.67	50-60	738.28	90-100	0.00	130-140	0.00	170-180	0.00
20-30	651.46	60-70	549.34	100-110	0.00	140-150	0.00	--	--
30-40	797.48	70-80	311.34	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	94	97	94	91	93	91	88	90	88	86	84	
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70	
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	59	
4	82	70	61	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50	
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43	
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38	
7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33	
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30	
9	56	43	34	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27	
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	

**Initial Lumen Output:** 4220 lm  
**Luminaire Type:** Direct  
**UL Classification:** Dry Location Only  
**CCN Number:** IFA07.E470484

**Efficacy:** 122.2 lm/W  
**Spacing Criteria:** 1.30 (C0-180), 1.24 (C90-270)  
**Ambient Operating Temp:** -20°C to +40°C  
**Limited Product Warranty:** 5 Years

**CBCP:** 1520 cd  
**Environmental Rating(s):** IP20  
**Certification Standards:** cULus, DLC

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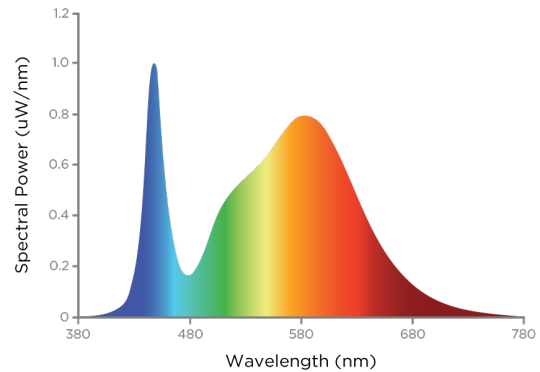
**LED SPECIFICATIONS**

**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=0.3858 y=0.3844

**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:** 34.8 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:** 4.75 kg

**Finish Type:** Powder Coated  
**Lens Material:** PMMA  
**Entries:** 4.500" Knockouts

**Wiring:** Junction Box  
**Lens Type:** Diffuser

**SHIPPING INFORMATION**

**OrderingCode(s):** TLPE223640K-UNV-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

