



Project:	
Location:	
Model#: TLPE244040K-347-WH	Type:
Client:	Qty:
Prepared by:	Date:

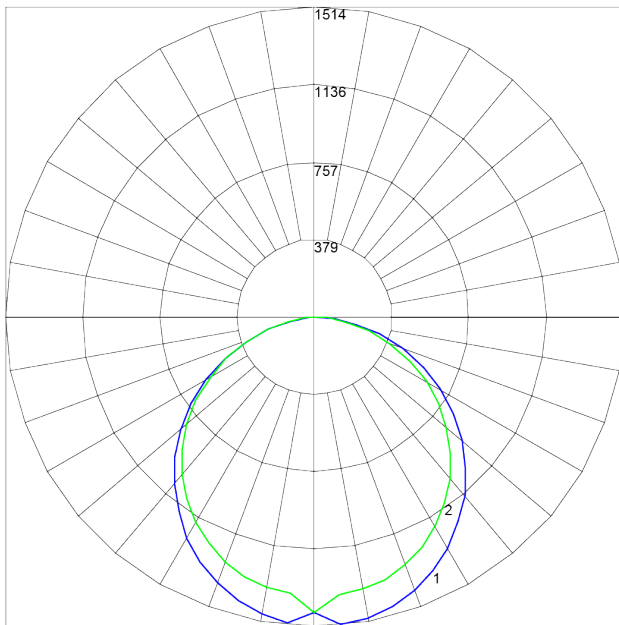
**SERIES SPECIFICATIONS**

To supply TamLite's TLPE Series of LED Panel fixture as specified. The luminaire shall operate at 347 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



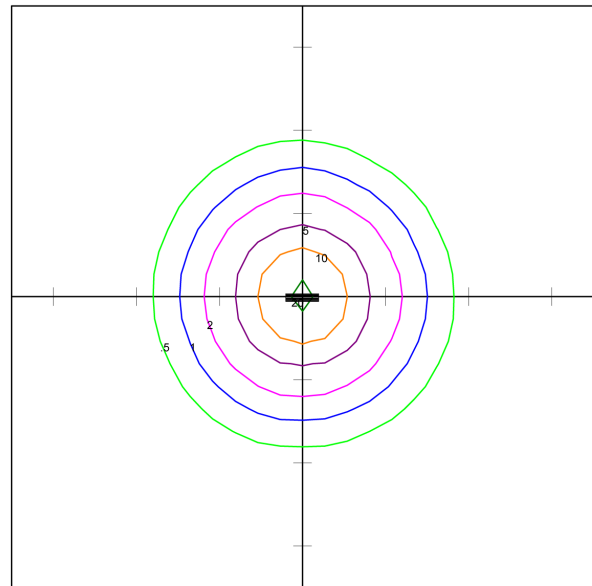
**PERFORMANCE SPECIFICATIONS**

**Luminance Distribution Chart**



Maximum Candela = 1514.296 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  
 10 PERDUE CRT. CALEDON, ONTARIO  
 TLPE2440-x-WH  
 2X4 36W LED PANEL  
 WITH WHITE TRANSLUCENT PANEL  
 WHITE LEDS. OUTPUT = 4161.43 LMS.

Horizontal Footcandles  
 Scale: 1 Inch = 10 Ft.  
 Light Loss Factor = 1.00  
 Lumens Per Lamp = 4161.43  
 Total Lamp Lumens = 4161.43  
 Mounting Height = 8.00 Ft  
 Maximum Calculated Value = 22.58 Fc  
 Arrangement: Single



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**Zonal Lumen Summary**

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	137.32	40-50	751.41	80-90	73.79	120-130	0.00	160-170	0.00
10-20	394.45	50-60	679.18	90-100	0.14	130-140	0.00	170-180	0.00
20-30	598.76	60-70	514.20	100-110	0.00	140-150	0.00	--	--
30-40	723.30	70-80	288.82	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	32	30	
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27	
10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24	

**Initial Lumen Output:** 4110 lm  
**Luminaire Type:** Direct  
**UL Classification:** Dry Location Only  
**CCN Number:** IFAO7.E470484

**Efficacy:** 114 lm/W  
**Spacing Criteria:** 1.30 (Along), 1.30 (Across)  
**Ambient Operating Temp:** -20°C to +40°C  
**Limited Product Warranty:** 5 Years

**CBCP:** 1500 cd  
**Environmental Rating(s):** IP20  
**Certification Standards:** cULus, DLC

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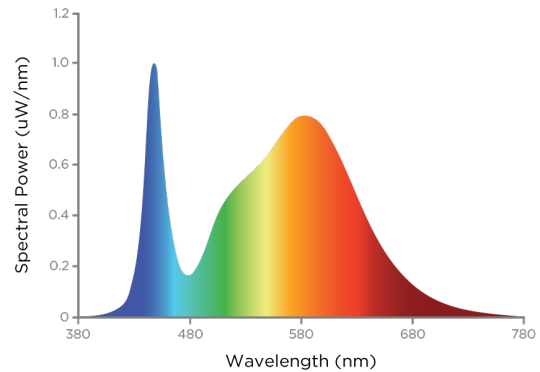
**LED SPECIFICATIONS**

**R Tables**

R1	81
R2	90
R3	96
R4	80
R5	81
R6	86
R7	86
R8	64

R9	9
R10	76
R11	79
R12	56
R13	85
R14	98
R15	75
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**SPD**



**Source Type:** LED  
**CRI:** >80  
**Chromaticity:** x=0.3843 y=0.3844

**Manufacturer:** Everlight®  
**L90:** 54,000 Hrs  
**Colour Tolerance:** 3 SDCM

**Part Number:** 67-21S  
**Colour Temperature:** 4000K  
**Duv:** 0.0024

**ELECTRICAL SPECIFICATIONS**

**Input Voltage:** 347 Vac  
**Power Factor @347Vac:** >.90  
**Short Circuit Protection:** Auto Recovery.  
 The output shall return to normal when the fault condition is removed.

**Input Frequency:** 50-60 Hz  
**Dimming:** 1-10VDC, (10% Min Light Level)  
**Driver Certifications:** c-RU-us Class 2, FCC Part 15 Class B, RoHS

**Fixture Draw:** 39.1 W  
**Dimming Current mA:** 0.2

**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):** TLPE244040K-347V-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

