



Project:	
Location:	
Model#: TLPE246035K-347-WH	Type:
Client:	Qty:
Prepared by:	Date:

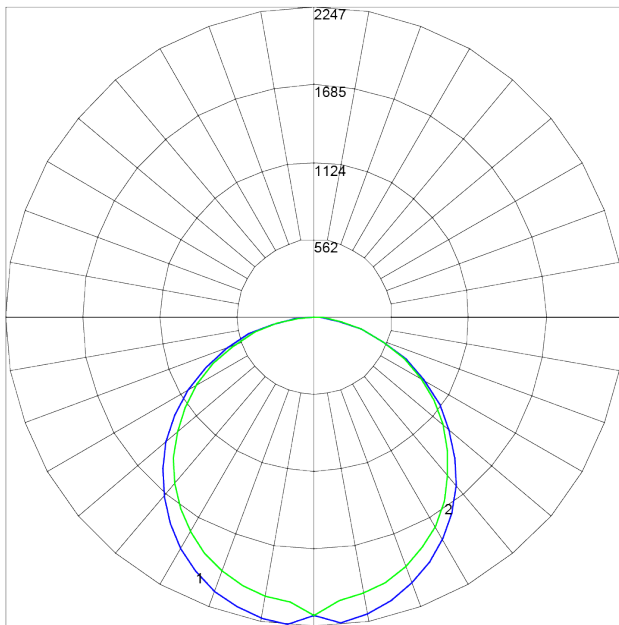
**SERIES SPECIFICATIONS**

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 and DLC Listed.



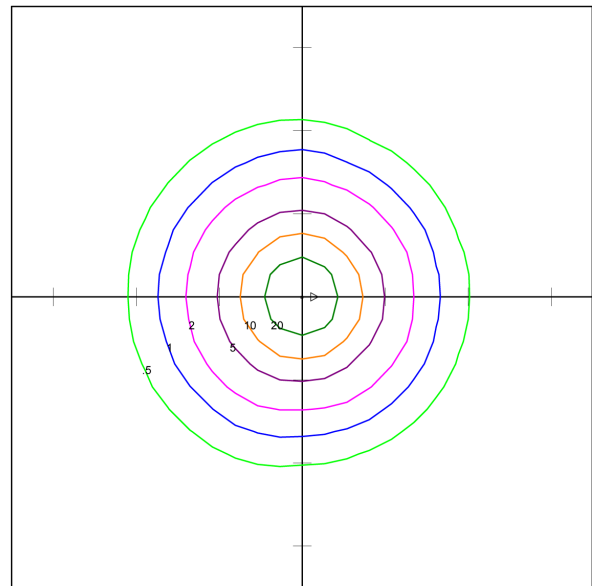
**PERFORMANCE SPECIFICATIONS**

**Luminance Distribution Chart**



Maximum Candela = 2247.058 Located At Horizontal Angle = 112.5, Vertical Angle = 5  
 # 1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)  
 # 2 - Vertical Plane Through Horizontal Angles (0 - 180)

**Isolux Diagram**



Tamlite Lighting  
 by Tamco Group Canada  
 10 Perdue Crt Caledon Ontario  
 TLPE2460-UNV-WH  
 2X4 56W 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 = 6581  
 Mounting Height = 8.00 Ft  
 Maximum Calculated Value = 35.57 Fc  
 Arrangement: Single



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**Zonal Lumen Summary**

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	206.59	40-50	1133.21	80-90	117.64	120-130	0.00	160-170	0.00
10-20	593.36	50-60	1025.98	90-100	1.23	130-140	0.00	170-180	0.00
20-30	901.15	60-70	779.44	100-110	0.00	140-150	0.00	--	--
30-40	1089.20	70-80	441.46	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	90	84	78	96	88	82	77	85	80	75	82	77	73	79	75	72	69	
3	90	79	71	64	87	78	70	64	75	68	63	72	66	62	69	65	61	58	
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50	
5	76	63	54	47	73	61	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	37	
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	29	
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26	
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	

**Initial Lumen Output:** 6290 lm  
**Luminaire Type:** Direct  
**UL Classification:** Dry Location Only  
**CCN Number:** IFAO7.E470484

**Efficacy:** 113 lm/W  
**Spacing Criteria:** 1.26 (C0-180), 1.20 (C90-270)  
**Ambient Operating Temp:** -20°C to +40°C  
**Limited Product Warranty:** 5 Years

**CBCP:** 2240 cd  
**Environmental Rating(s):** IP20  
**Certification Standards:** cULus, DLC

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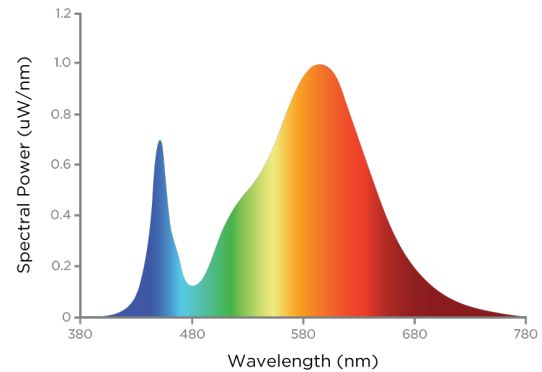
## LED SPECIFICATIONS

### R Tables

R1	82
R2	92
R3	96
R4	81
R5	82
R6	90
R7	83
R8	59

R9	8
R10	81
R11	81
R12	69
R13	85
R14	99
R15	74
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### SPD



**Source Type:** LED  
**CRI:** >80  
**Chromaticity:** x=0.4053 y=0.3927

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

**Part Number:** 67-21S  
**Colour Temperature:** 3500K  
**Duv:** 0.0009

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 347 Vac  
**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:** 50-60 Hz  
**Power Factor @347Vac:** >.90  
**Dimming Current mA:** 0.2

**Fixture Draw:** 58.307 W  
**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):** TLPE246035K-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

