



Project:	
Location:	
Model#: TLPE223650K-UNV-WH	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

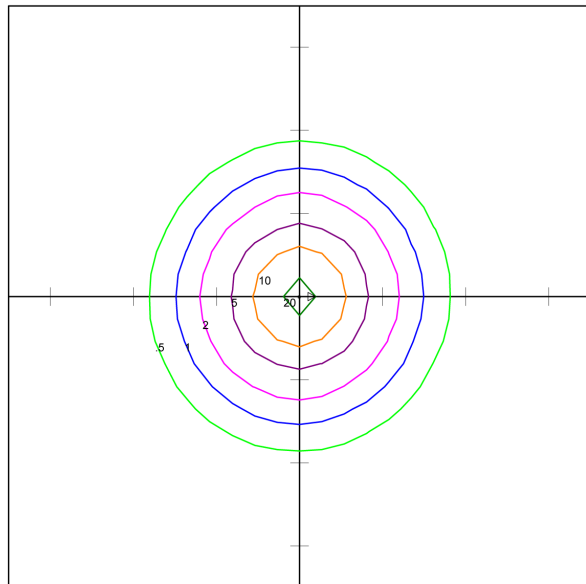


To supply Tamlite's TLPE Series of LED Panel fixture as specified. The luminaire shall operate at 120-277 Vac and use an Everlight approved driver. The frame shall be constructed of painted aluminium with a PMMA diffuser. LEDs shall be as specified Everlight 67-21S LED chips. The luminaire shall be cULus 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: IFAO7.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

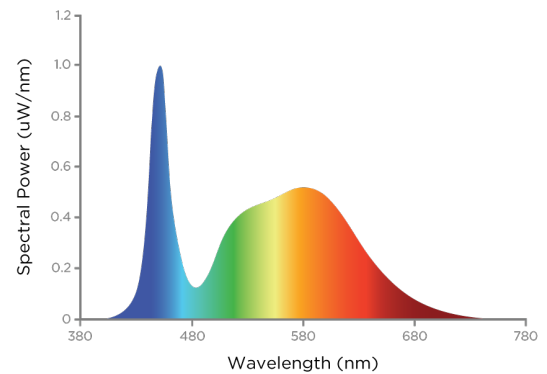
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LED SPECIFICATIONS

R Tables

R1	81	R9	5
R2	89	R10	73
R3	93	R11	78
R4	80	R12	55
R5	80	R13	84
R6	83	R14	96
R7	86	R15	76
R8	65	--	--

SPD



Source Type: LED
CRI: >80
Chromaticity: x=0.3412 y=0.3565

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

Part Number: 67-21S
Colour Temperature: 5000K
Duv: 0.004

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): TLPE223650K-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

