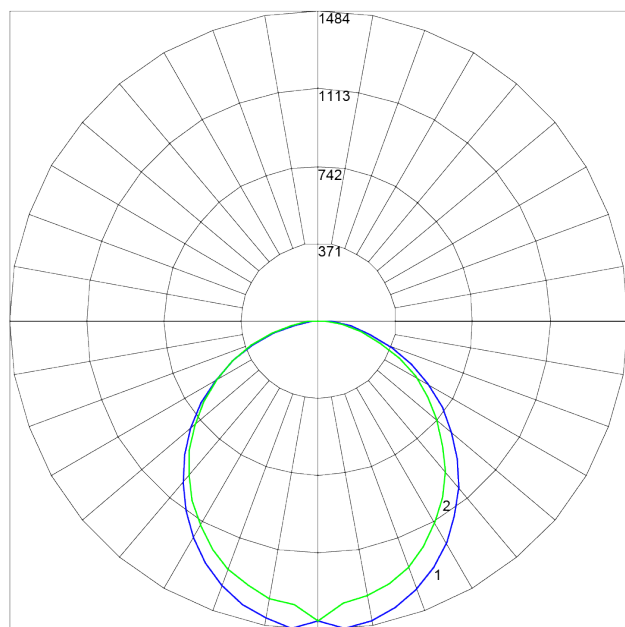


To supply TamLite's TLPE Series of LED Panel fixture as specified. The luminaire shall operate at 120-277 Vac and use an Everlight approved driver. The frame shall be constructed of painted aluminium with a PMMA diffuser. LEDs shall be as specified Everlight 67-21S LED chips. The luminaire shall be cULus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

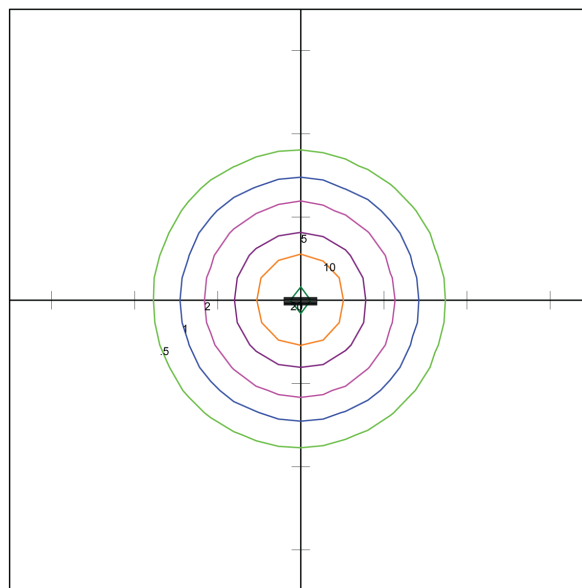


Luminance Distribution Chart



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



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

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: IFA07.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

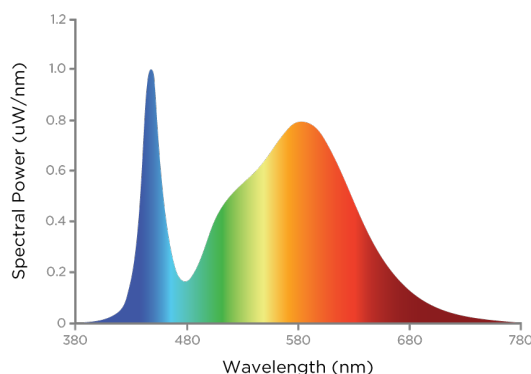
Project:	
Location:	
Model#: TLPE143640K-UNV-WH	Type:
Client:	Qty:
Prepared by:	Date:

LED SPECIFICATIONS

R Tables

R1	81	R9	9
R2	90	R10	76
R3	96	R11	79
R4	80	R12	56
R5	81	R13	85
R6	86	R14	98
R7	86	R15	75
R8	64	--	--

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(%): Dimming Current mA:

0.2

Input Voltage: 120~277 Vac

Power Factor @120Vac: >.90

THD @277Vac(%): 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

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

LINE DRAWING

Line Drawings

