



| | |
|----------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLPE143635K-347-WH | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

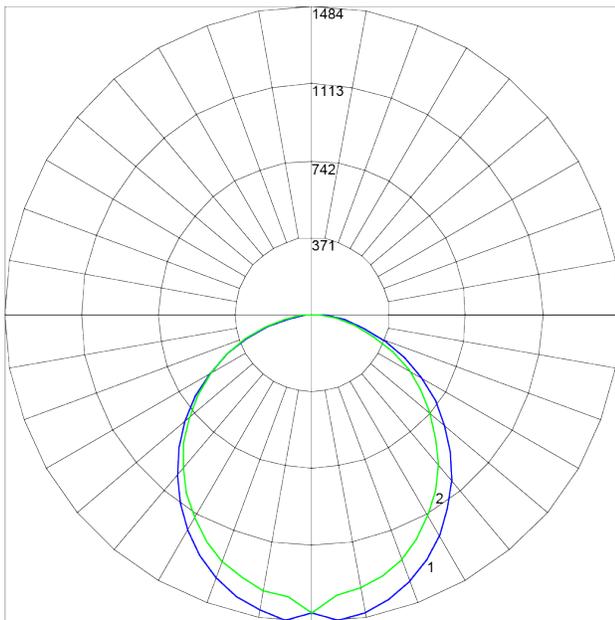
SERIES SPECIFICATIONS

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



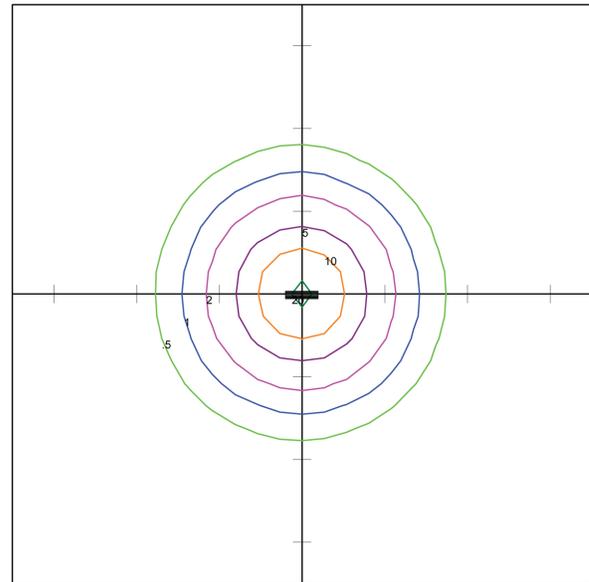
PERFORMANCE SPECIFICATIONS

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



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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: 3880lm
Luminaire Type: Direct
UL Classification: Dry Location Only
CCN Number: IFAO7.E470484

Efficacy: 115.5lm/W
Spacing Criteria: 1.16 (C0-180), 1.34 (C90-270)
Ambient Operating Temp: -20C to +40C
Limited Product Warranty: 5 Year(s)

CBCP: 1475cd
Environmental Rating(s): IP20
Certification Standards: cULus, DLC

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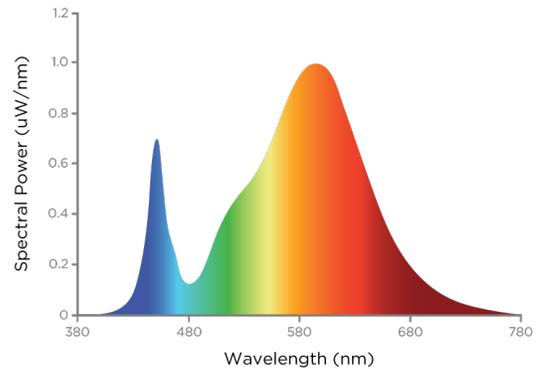
LED SPECIFICATIONS

R Tables

| | |
|----|----|
| R1 | 82 |
| R2 | 92 |
| R3 | 96 |
| R4 | 80 |
| R5 | 82 |
| R6 | 89 |
| R7 | 83 |
| R8 | 60 |

| | |
|-----|----|
| R9 | 7 |
| R10 | 80 |
| R11 | 80 |
| R12 | 66 |
| R13 | 85 |
| R14 | 98 |
| R15 | 75 |
| -- | -- |

SPD



Source Type: LED
CRI: >80
Chromaticity: x=0.4051 y=0.3929

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

Part Number: 67-21S
Colour Temperature: 3500K
Duv: 0.001

ELECTRICAL SPECIFICATIONS

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

Fixture Draw: 33.6W
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): TLPE143635K-347V-WH
Box Weight: 9.5 kg

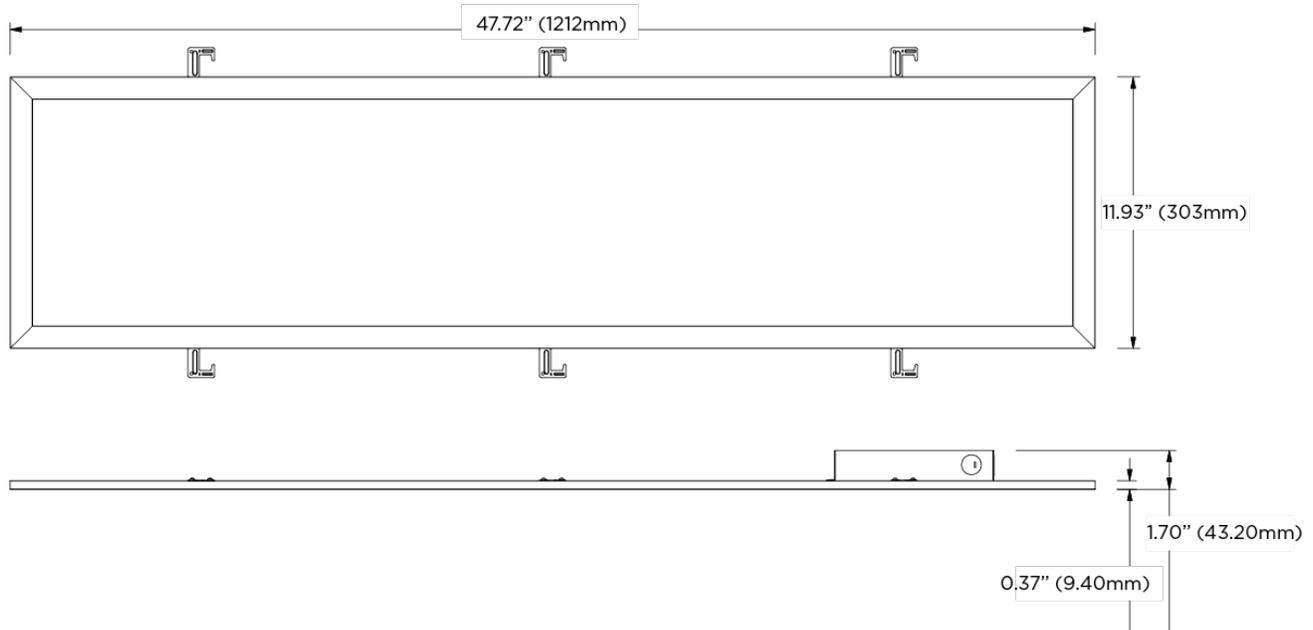
Box Quantity: 2

Box Dimensions (L-W-H): 715 x 715 x 115 mm

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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLPE Nomenclature

| Part | Size | Wattage | | CCT | | Mounting | | Voltage | | Finish | | |
|------|------|---------|----|-----|-----|----------|---------|----------------|-----|------------|----|-------|
| TLPE | 14 | 1x4ft | 36 | 36W | 30K | 3000K | [blank] | T-Bar | UNV | 120-277VAC | WH | White |
| | 22 | 2x2ft | 40 | 40W | 35K | 3500K | DF | Drywall Flange | UN4 | 347VAC | | |
| | 24 | 2x4ft | 48 | 48W | 40K | 4000K | SF | Surface Mount | | | | |
| | | | 60 | 60W | 50K | 5000K | SU | Suspended | | | | |

Optional Extras: TLP14SMK-WH TLP14SPK TLP14DFK-WH