

|                            |       |
|----------------------------|-------|
| Project:                   |       |
| Location:                  |       |
| Model#: TLPE143640K-347-WH | Type: |
| Client:                    | Qty:  |
| Prepared by:               | Date: |

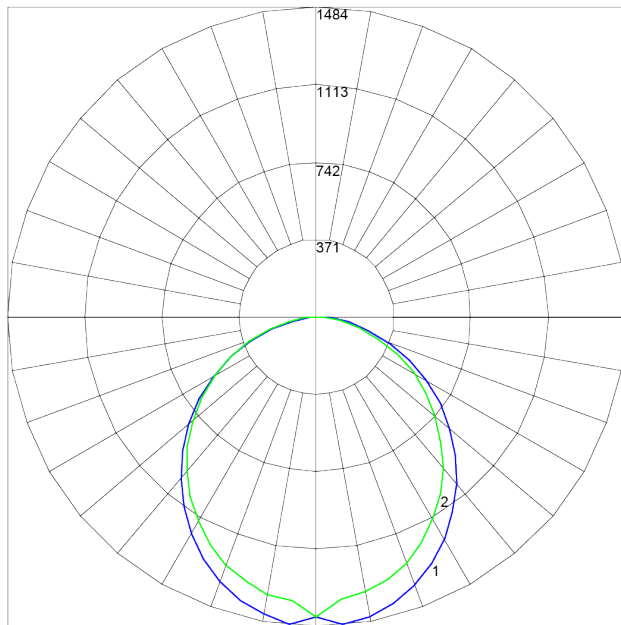
## SERIES SPECIFICATIONS

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. The fixture shall be DLC listed.



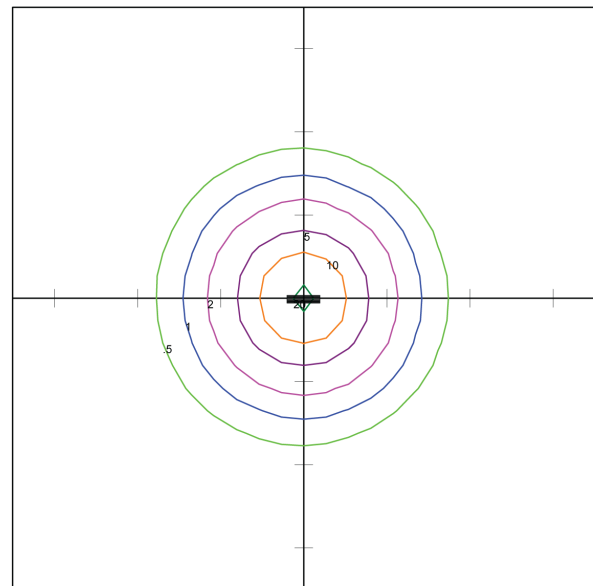
## PERFORMANCE SPECIFICATIONS

### 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:** 3880 lm  
**Luminaire Type:** Direct  
**UL Classification:** Dry Location Only  
**CCN Number:** IFA07.E470484

**Efficacy:** 115.5 lm/W  
**Spacing Criteria:** 1.16 (C0-180), 1.34 (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

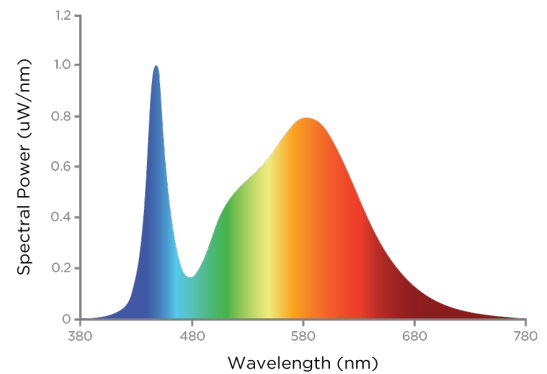
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## LED SPECIFICATIONS

### 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=0.3790 y=0.3780

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

**Part Number:** 67-21S  
**Colour Temperature:** 4000K  
**Duv:** 0.001

## 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:** 33.6 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):** TLPE143640K-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

