

| | | |
|--------------|----------------|-------|
| Project: | | |
| Location: | | |
| Model#: | TLVP44030K-UN4 | Type: |
| Client: | | Qty: |
| Prepared by: | | Date: |

SERIES SPECIFICATIONS

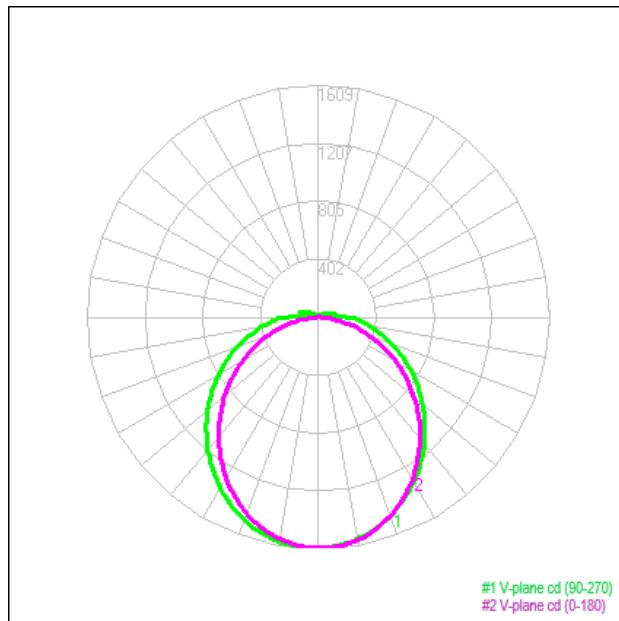


To supply Tamlite TLVP Series of LED vapour proof fixtures as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of Bayer® polycarbonate with a clamp down opal Bayer® polycarbonate lens. The fixture shall be IP65 rated and include an IP66 strain relief. A durable formed gasket shall be provided between the enclosure and the lens. All parts shall be corrosion resistant. The LED shall be supplied with the luminaire. The fixture shall be cULus & DLC Listed.

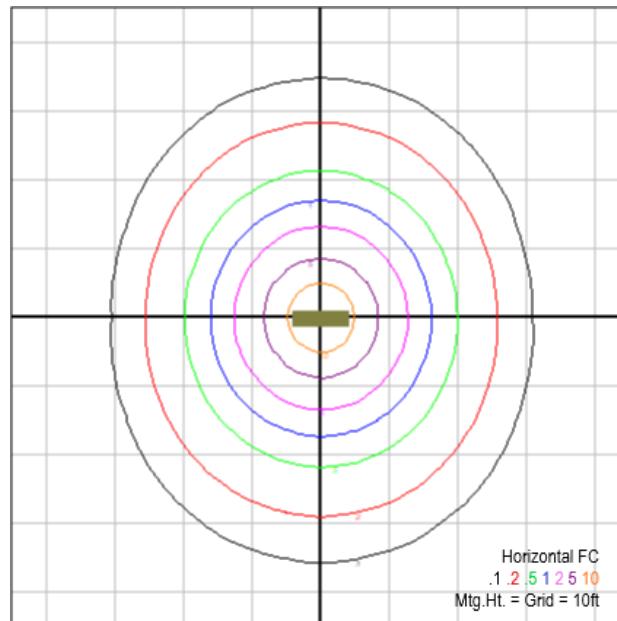


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

| Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens |
|-------|--------|-------|--------|-------|--------|---------|--------|---------|--------|---------|--------|
| 0-10 | 151.48 | 30-40 | 770.42 | 60-70 | 581.11 | 90-100 | 51.37 | 120-130 | 17.47 | 150-160 | 1.7 |
| 10-20 | 431.3 | 40-50 | 793.52 | 70-80 | 397.88 | 100-110 | 58.25 | 130-140 | 8.38 | 160-170 | 0.91 |
| 20-30 | 646.74 | 50-60 | 723.57 | 80-90 | 223.81 | 110-120 | 34.21 | 140-150 | 3.67 | 170-180 | 0.38 |

Co-efficient of Utilization

| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| | RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | 0 |
| RF | 20 | | | | 20 | | | | 20 | | | 20 | | | 20 | | |
| 0 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 104 | 104 | 104 | 99 | 99 | 99 |
| 1 | 107 | 101 | 97 | 92 | 103 | 99 | 94 | 90 | 94 | 90 | 87 | 89 | 86 | 84 | 85 | 83 | 80 |
| 2 | 97 | 88 | 80 | 74 | 94 | 86 | 79 | 73 | 81 | 76 | 71 | 77 | 73 | 69 | 74 | 70 | 67 |
| 3 | 88 | 77 | 68 | 61 | 85 | 75 | 67 | 61 | 71 | 65 | 59 | 68 | 62 | 58 | 65 | 60 | 56 |
| 4 | 80 | 68 | 59 | 52 | 78 | 66 | 58 | 51 | 63 | 56 | 50 | 61 | 54 | 49 | 58 | 53 | 46 |
| 5 | 74 | 61 | 51 | 45 | 71 | 59 | 51 | 44 | 57 | 49 | 43 | 54 | 48 | 42 | 52 | 46 | 39 |
| 6 | 68 | 55 | 45 | 39 | 66 | 53 | 45 | 39 | 51 | 44 | 38 | 49 | 42 | 37 | 47 | 41 | 34 |
| 7 | 63 | 49 | 41 | 34 | 61 | 48 | 40 | 34 | 47 | 39 | 33 | 45 | 38 | 33 | 43 | 37 | 30 |
| 8 | 59 | 45 | 36 | 31 | 57 | 44 | 36 | 30 | 43 | 35 | 30 | 41 | 34 | 30 | 40 | 34 | 27 |
| 9 | 55 | 41 | 33 | 27 | 53 | 41 | 33 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | 37 | 31 | 24 |
| 10 | 52 | 38 | 30 | 25 | 50 | 38 | 30 | 25 | 36 | 29 | 24 | 35 | 29 | 24 | 34 | 28 | 24 |

Initial Lumen Output: 4896lm

CBCP: 1609cd

Luminaire Type: Semi-Direct

UL Classification: Wet Location Listed

DLC Number: PWHHSPRD

Efficacy: 121.61lm/W

Beam Angle: 120 deg

Spacing Criteria: 1.26(0-180), 1.30(90-270)

Ambient Operating Temp: -40C to +40C

CCN Number: IFAO7.E470484

Max Candela: 1609cd(0H, 0V)

Field Angle: 170 deg

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA, DLC

Limited Product Warranty: 5 Year(s)

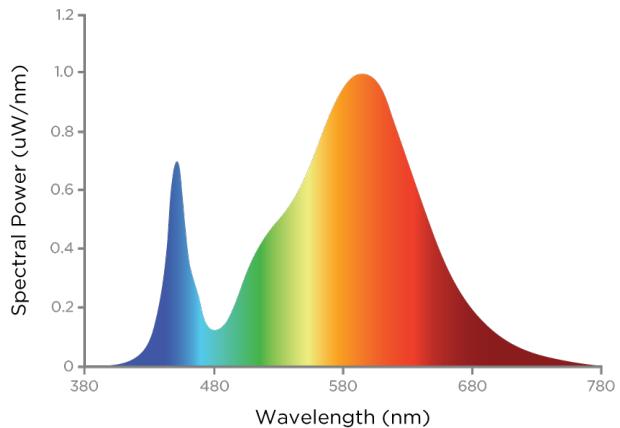
LED SPECIFICATIONS

R Tables

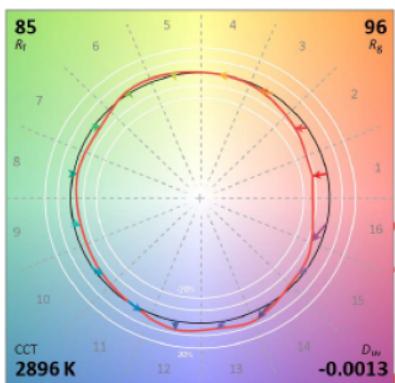
| | |
|-----------|----|
| R1 | 83 |
| R2 | 93 |
| R3 | 95 |
| R4 | 81 |
| R5 | 83 |
| R6 | 92 |
| R7 | 82 |
| R8 | 59 |

| | |
|------------|----|
| R9 | 10 |
| R10 | 84 |
| R11 | 82 |
| R12 | 75 |
| R13 | 85 |
| R14 | 98 |
| R15 | 75 |
| Ra | 83 |

SPD



TM-30



Source Type: LED

Rf: 85

Colour Temperature: 3000K

Part Number: Array Type

Rg: 96

Chromaticity: x=0.4425 y=0.4027

CRI: >80

L70: 72000 Hrs

Duv: 0.0013

ELECTRICAL SPECIFICATIONS

Input Voltage: 347Vac
Current Draw@347Vac: 0.124
Power Factor @120Vac: >.95
THD @347Vac(%): <10%
Short Circuit Protection: Auto Recovery.
The output shall return to normal when the fault condition is removed.

Input Frequency: 50-60Hz
Inrush Current:
Power Factor @347Vac: >.90
Dimming: 0-10Vdc, (0% Min Light Level)
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Fixture Draw: 40.53W
Max On-Delay: < 1 S
THD @ 120Vac(%): <10%
Over Temperature Protection: Auto Recovery, The fixture shall shut down and return to operation when the temperature returns to normal.

PHYSICAL SPECIFICATIONS

Finish Colour: Grey
Mounting: Surface, Suspended
Lens Type: Opal

Finish Type: Dye injected polycarbonate
Housing Material: Bayer PC with Grey pigment powder
Reflector Material: Aluminium with UV Painting

Wiring: 3 Conductor 18AWG
Lens Material: Bayer PC
Entries: Supplied with wet location fitting. Other knockout points also on housing.

SHIPPING INFORMATION

Ordering Code(s): TLVP44030K-UN4

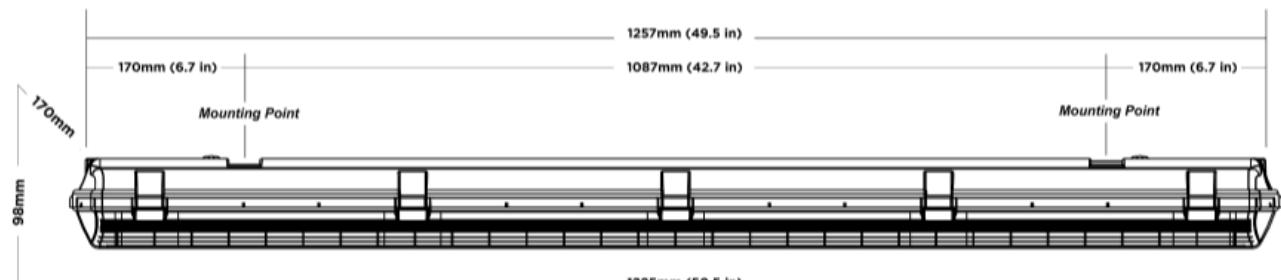
Box Weight: 3.6 kg
Carton Weight: 21.6

Box Quantity: 1
Carton Quantity: 6

Box Dimensions (L-W-H): 1300 x 175 x 102 mm
Carton Dimensions (I-W-H): 1320 x 325 x 375 mm

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLVP -

| Part | Size | Wattage | CCT | | Voltage | | Options | |
|------|--------|---------|-----|--------|---------|------------|---------|--------------------------|
| TLVP | 4' 4ft | 40W | 30K | 3000K | WRV | 120-347VAC | EM | Emergency Battery Backup |
| | | 75W | 35K | 3500K | | | | |
| | | | 40K | 4000K* | | | | |
| | | | 50K | 5000K* | | | | |

* Typically Stock