

| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLVP47530K-UN4 | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES SPECIFICATIONS

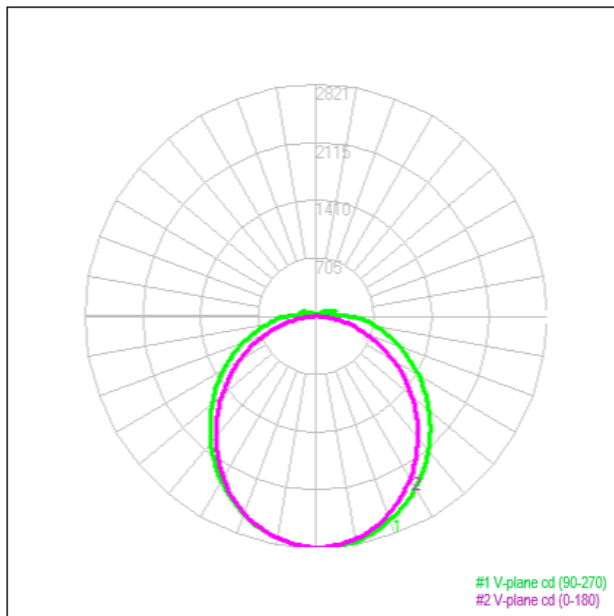


To supply TamLite TLVP Series of LED vapour proof fixtures as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of Bayer® polycarbonate with a clamp down opal Bayer® polycarbonate lens. The fixture shall be IP65 rated and include an IP66 strain relief. A durable formed 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.

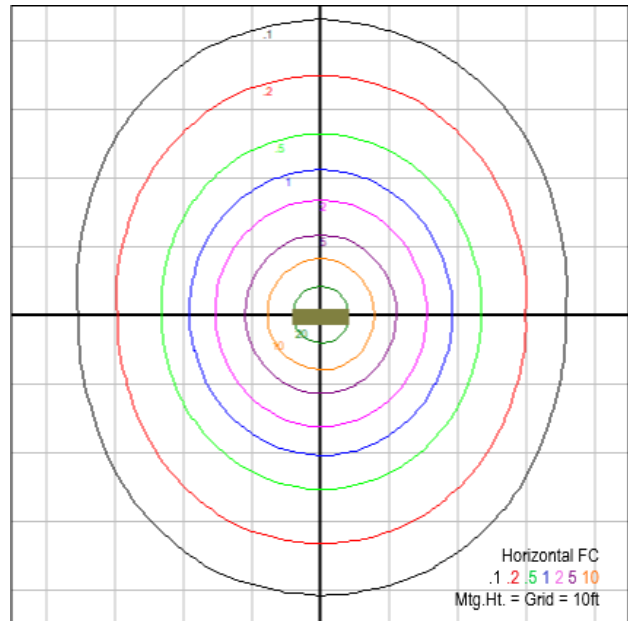


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

| Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens |
|-------|---------|-------|---------|-------|---------|---------|--------|---------|--------|---------|--------|
| 0-10 | 266.01 | 30-40 | 1357.11 | 60-70 | 1032.41 | 90-100 | 95.71 | 120-130 | 33.99 | 150-160 | 3.81 |
| 10-20 | 757.75 | 40-50 | 1400.57 | 70-80 | 712.5 | 100-110 | 108.72 | 130-140 | 16.85 | 160-170 | 1.97 |
| 20-30 | 1137.28 | 50-60 | 1280.23 | 80-90 | 405.95 | 110-120 | 64.96 | 140-150 | 7.88 | 170-180 | 0.78 |



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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 |
| RF | 20 | | | | 20 | | | | 20 | | | 20 | | | 20 | | | 20 |
| 0 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 104 | 104 | 104 | 99 | 99 | 99 | 96 |
| 1 | 106 | 101 | 96 | 92 | 103 | 98 | 94 | 90 | 93 | 90 | 87 | 89 | 86 | 83 | 85 | 82 | 80 | 78 |
| 2 | 96 | 88 | 80 | 74 | 93 | 85 | 79 | 73 | 81 | 75 | 71 | 77 | 73 | 68 | 74 | 70 | 66 | 64 |
| 3 | 88 | 77 | 68 | 61 | 85 | 75 | 67 | 60 | 71 | 64 | 59 | 68 | 62 | 57 | 65 | 60 | 56 | 53 |
| 4 | 80 | 68 | 59 | 52 | 78 | 66 | 58 | 51 | 63 | 56 | 50 | 60 | 54 | 49 | 58 | 52 | 48 | 45 |
| 5 | 74 | 60 | 51 | 44 | 71 | 59 | 50 | 44 | 56 | 49 | 43 | 54 | 47 | 42 | 52 | 46 | 41 | 39 |
| 6 | 68 | 54 | 45 | 39 | 66 | 53 | 45 | 38 | 51 | 43 | 38 | 49 | 42 | 37 | 47 | 41 | 36 | 34 |
| 7 | 63 | 49 | 40 | 34 | 61 | 48 | 40 | 34 | 46 | 39 | 33 | 45 | 38 | 33 | 43 | 37 | 32 | 30 |
| 8 | 59 | 45 | 36 | 30 | 57 | 44 | 36 | 30 | 42 | 35 | 30 | 41 | 34 | 29 | 39 | 33 | 29 | 27 |
| 9 | 55 | 41 | 33 | 27 | 53 | 40 | 33 | 27 | 39 | 32 | 27 | 38 | 31 | 26 | 36 | 30 | 26 | 24 |
| 10 | 51 | 38 | 30 | 25 | 50 | 37 | 30 | 25 | 36 | 29 | 24 | 35 | 29 | 24 | 34 | 28 | 24 | 22 |

Initial Lumen Output: 8684lm

CBCP: 2821cd

Luminaire Type: Semi-Direct

UL Classification: Wet Location Listed

DLC Number: P4XCFE2N

Efficacy: 120.50lm/W

Beam Angle: 120 deg

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

Ambient Operating Temp: -40C to +40C

CCN Number: IFA07.E470484

Max Candela: 2821cd (0H, 0V)

Field Angle: 170 deg

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA , DLC

Limited Product Warranty: 5 Year(s)

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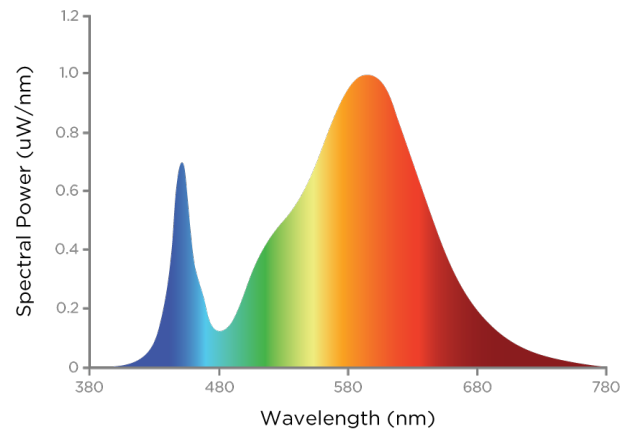
LED SPECIFICATIONS

R Tables

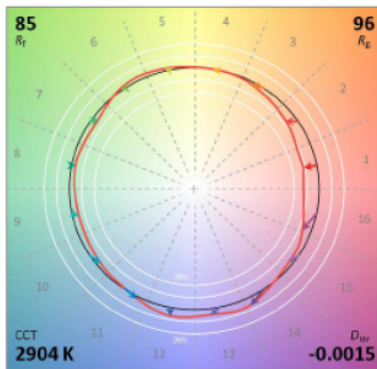
| | |
|----|----|
| R1 | 83 |
| R2 | 93 |
| R3 | 95 |
| R4 | 81 |
| R5 | 83 |
| R6 | 92 |
| R7 | 82 |
| R8 | 59 |

| | |
|-----|----|
| 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: T28351-W29SC0D2FB3C0
Rg: 96
Chromaticity: x=0.4314 y=0.4061

CRI: >80
L70: 72000 Hrs
Duv: 0.0016

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ELECTRICAL SPECIFICATIONS

Driver Manufacturer: ARC Smart Electronic Co., Ltd.

Fixture Draw: 75.55W

Max On-Delay: < 1 S

Dimming: 0-10Vdc, (0% Min Light Level)

Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Input Voltage: 347Vac

Current Draw @347Vac: 0.2213

Power Factor @347Vac: >.90

Over Temperature Protection: Auto Recovery, The fixture shall shut down and return to operation when the temperature returns to normal.

Input Frequency: 50-60Hz

Inrush Current:

THD @347Vac(%): <10%

Short Circuit Protection: Auto Recovery. The output shall return to normal when the fault condition is removed.

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

OrderingCode(s): TLVP47530K-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





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SERIES ARCHITECTURE

Series Architecture

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

* Typically Stock