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|----------------------------|-------|
| Project: | |
| Location: | |
| Model#: PET22030KA1-WRV-BK | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES SPECIFICATIONS

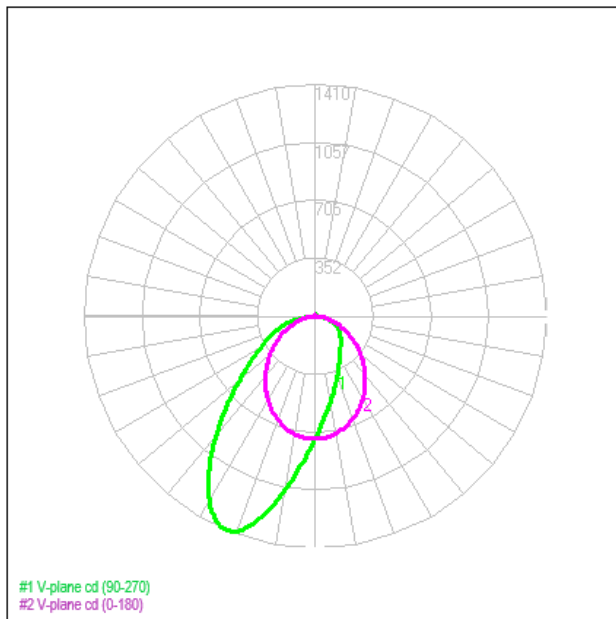


To supply Tamlite's PET Series 2ft Direct - Asymmetric 25deg luminaire. The Aluminium body and machined endcaps shall be Black Electrostatic Polyester Powder Coat painted parts that are treated with a five stage phosphate bonding process. The driver shall operate from 120~347Vac and be a dimmable Class II/P driver, integrating 0-10Vdc, (0% Min Light Level). Lensing shall be Polycarbonate and easily removable for maintenance and assembly. Fixture shall be IP20, Dry Location Only listed. Fixture shall be cULus listed.

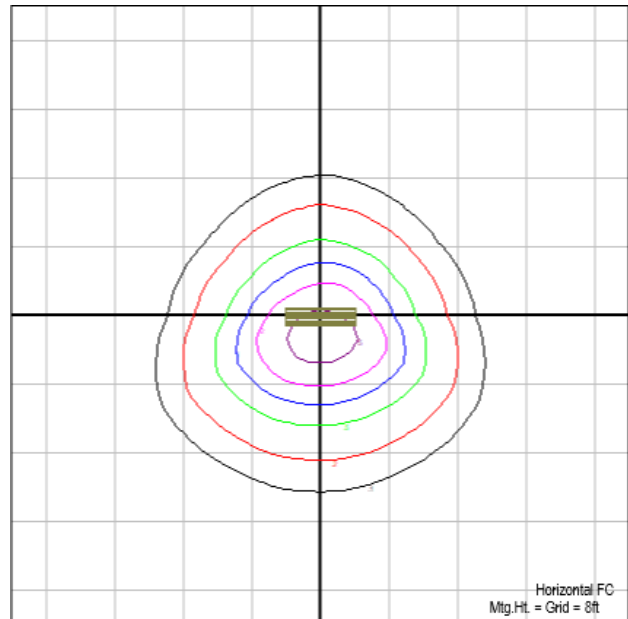


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

| Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens | Zone | Lumens |
|-------|--------|-------|--------|-------|--------|---------|--------|---------|--------|---------|--------|
| 0-10 | 72.27 | 30-40 | 416.41 | 60-70 | 232.25 | 90-100 | 2.35 | 120-130 | 4.16 | 150-160 | 3.43 |
| 10-20 | 222.07 | 40-50 | 396.23 | 70-80 | 132.94 | 100-110 | 2.78 | 130-140 | 4.38 | 160-170 | 2.32 |
| 20-30 | 354.7 | 50-60 | 324.26 | 80-90 | 32.94 | 110-120 | 3.55 | 140-150 | 4.13 | 170-180 | 0.83 |



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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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 110 | 110 | 110 | 105 | 105 | 105 | 101 | 101 | 101 | 99 |
| 1 | 109 | 104 | 100 | 97 | 106 | 102 | 98 | 95 | 98 | 94 | 92 | 93 | 91 | 89 | 90 | 88 | 86 | 84 |
| 2 | 99 | 91 | 85 | 79 | 97 | 90 | 83 | 78 | 86 | 81 | 76 | 82 | 78 | 74 | 79 | 76 | 73 | 70 |
| 3 | 91 | 81 | 73 | 67 | 88 | 79 | 72 | 66 | 76 | 70 | 65 | 73 | 68 | 63 | 70 | 66 | 62 | 60 |
| 4 | 83 | 72 | 63 | 57 | 81 | 70 | 62 | 56 | 68 | 61 | 55 | 65 | 59 | 54 | 63 | 58 | 54 | 51 |
| 5 | 77 | 64 | 56 | 49 | 75 | 63 | 55 | 49 | 61 | 54 | 48 | 59 | 52 | 47 | 57 | 51 | 47 | 45 |
| 6 | 71 | 58 | 49 | 43 | 69 | 57 | 49 | 43 | 55 | 48 | 42 | 53 | 47 | 42 | 52 | 46 | 41 | 39 |
| 7 | 66 | 53 | 44 | 38 | 64 | 52 | 44 | 38 | 50 | 43 | 38 | 49 | 42 | 37 | 47 | 41 | 37 | 35 |
| 8 | 61 | 48 | 40 | 34 | 60 | 47 | 39 | 34 | 46 | 39 | 34 | 45 | 38 | 33 | 43 | 37 | 33 | 31 |
| 9 | 57 | 44 | 36 | 31 | 56 | 44 | 36 | 31 | 42 | 35 | 30 | 41 | 35 | 30 | 40 | 34 | 30 | 28 |
| 10 | 54 | 41 | 33 | 28 | 52 | 40 | 33 | 28 | 39 | 32 | 28 | 38 | 32 | 27 | 37 | 31 | 27 | 25 |

Initial Lumen Output: 2212lm
Luminaire Type: Suspended Direct
UL Classification: Dry Location Only
Limited Product Warranty: 5 Year(s)

Efficacy: 115lm/W
Spacing Criteria: 1.16 (0-180) 0.62 (90-270)
Certification Standards: cULus

Max Candela: 1409cd (270H, 23V)
Environmental Rating(s): IP20
CCN Number: IFAM7.E359675

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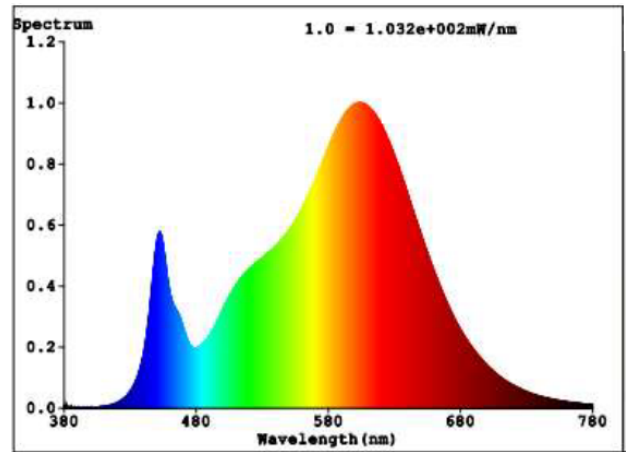
LED SPECIFICATIONS

R Tables

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

| | |
|-----|----|
| R9 | 8 |
| R10 | 83 |
| R11 | 81 |
| R12 | 74 |
| R13 | 85 |
| R14 | 98 |
| R15 | 74 |
| Ra | 85 |

SPD



Source Type: LED
Rg: 95

CRI: > 80
L90: > 50,000 hrs

Rf: 85
Colour Temperature: 3000K

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: ARC Smart
Electronic Co. Ltd.

Fixture Draw: 21.85W

Current Draw@347Vac: 0.0630A

Short Circuit Protection: Auto recovery.

The output recovers when short is removed.

Input Voltage: 120~347Vac

Current Draw@ 120Vac: 0.1821A

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

Input Frequency: 50-60Hz

Current Draw@ 277Vac: 0.0789A

Over Temperature Protection: Auto recovery. The output recovers when the temperature returns to normal.

PHYSICAL SPECIFICATIONS

Finish Colour: Black

Mounting: Surface mounting hardware
included

Lens Type: Opal

Finish Type: Electrostatic Polyester
Powder Coat

Housing Material: Aluminium

Entries: 2 1/2inch knock-outs on fixture
back

Wiring: Internal, L, N, G and 0-10VDC
wires

Lens Material: Polycarbonate



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SHIPPING INFORMATION

OrderingCode(s): PET22030KA1-WRV-BK

Box Quantity: 1

SERIES ARCHITECTURE

Optional Extras: PET-C10, PET-JL-SWD-WH, PET-JT-SWD-WH, PET-JX-SWD-WH, PET-J120-SWD-WH, PET-MUDKIT4, PET-RECKIT4, PET-SUSKIT6, PET-TBARKIT, PET-WMKIT