

| | |
|----------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLD6A1530K-347V-HZ | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES SPECIFICATIONS

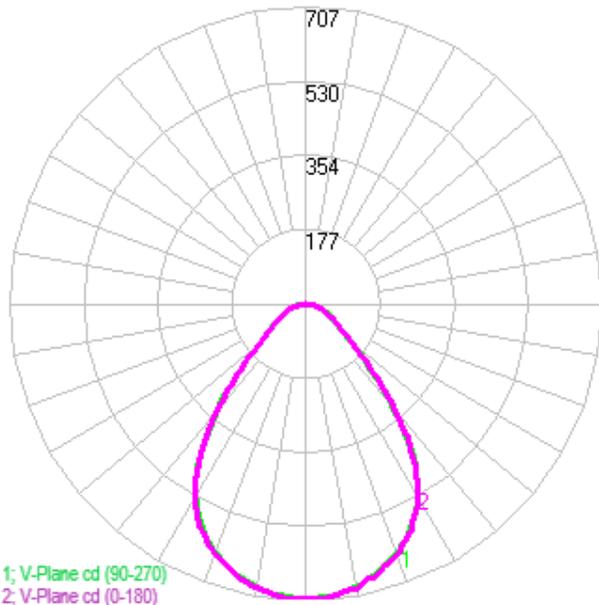


To supply Tamlite's TLD Series of LED Architectural Commercial Housing with Trims as specified. The housing shall operate at 347Vac and use a 1-10V dimmable, constant current type driver. Cable connections between light engine and driver shall use armored cable. Reflector shall be constructed of spun and die cast Aluminium. LEDs shall be as specified EVERLIGHT® 62-217B LED chips. The LEDs shall be 1-10V Dimmable. Housing and Trim shall be c-UL-us listed.

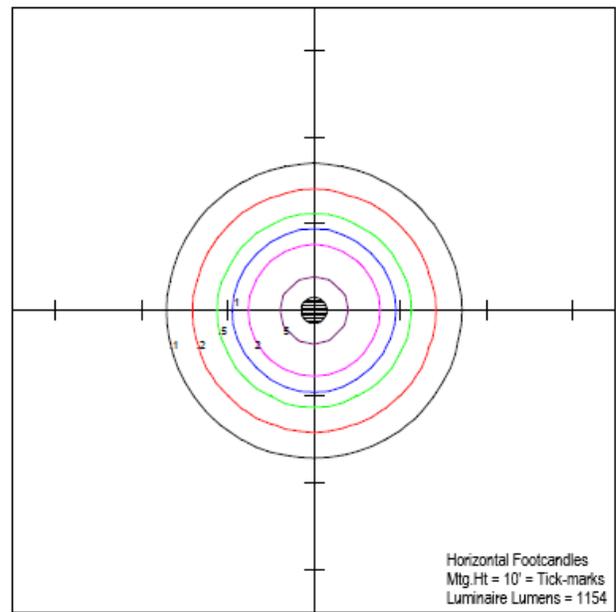


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





| | |
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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 | 50 | 30 | 10 | 0 | |
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | |
| 1 | 111 | 108 | 104 | 101 | 109 | 105 | 103 | 100 | 101 | 99 | 97 | 98 | 96 | 94 | 94 | 92 | 91 | 89 | | | | |
| 2 | 104 | 97 | 92 | 87 | 101 | 95 | 91 | 86 | 92 | 88 | 84 | 89 | 86 | 83 | 86 | 83 | 81 | 79 | | | | |
| 3 | 97 | 88 | 82 | 76 | 94 | 87 | 81 | 76 | 84 | 79 | 74 | 81 | 77 | 73 | 79 | 75 | 72 | 70 | | | | |
| 4 | 90 | 80 | 73 | 68 | 88 | 79 | 72 | 67 | 77 | 71 | 66 | 74 | 69 | 65 | 72 | 68 | 65 | 63 | | | | |
| 5 | 84 | 73 | 66 | 60 | 82 | 72 | 65 | 60 | 70 | 64 | 59 | 68 | 63 | 59 | 67 | 62 | 58 | 56 | | | | |
| 6 | 79 | 67 | 60 | 54 | 77 | 66 | 59 | 54 | 65 | 58 | 54 | 63 | 58 | 53 | 62 | 57 | 53 | 51 | | | | |
| 7 | 74 | 62 | 55 | 49 | 72 | 61 | 54 | 49 | 60 | 54 | 49 | 59 | 53 | 49 | 57 | 52 | 48 | 47 | | | | |
| 8 | 69 | 57 | 50 | 45 | 68 | 57 | 50 | 45 | 56 | 49 | 45 | 54 | 49 | 44 | 53 | 48 | 44 | 43 | | | | |
| 9 | 65 | 53 | 46 | 41 | 64 | 53 | 46 | 41 | 52 | 45 | 41 | 51 | 45 | 41 | 50 | 45 | 41 | 39 | | | | |
| 10 | 61 | 50 | 43 | 38 | 60 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 47 | 41 | 38 | 36 | | | | |

Initial Lumen Output: 1140lm

Beam Angle: 79 deg

Spacing Criteria: 1.06 (C0/180), 1.06 (C90/270)

Ambient Operating Temp: -30C to +40C

Limited Product Warranty: 5 Year(s)

Efficacy: 68.21lm/W

Field Angle: 123 deg

Environmental Rating(s): IP44

Certification Standards: UL Safety US-CA , RoHS

CBCP: 730cd

Luminaire Type: Direct

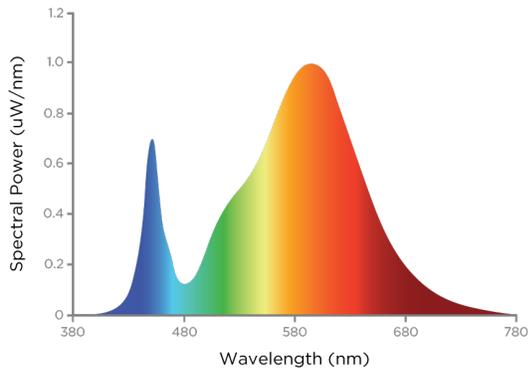
UL Classification: Wet Location Listed

CCN Number: IFA07.E470484

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LED SPECIFICATIONS

SPD



Source Type: LED

CRI: >80

Chromaticity: x=0.3799 y=0.3777

Manufacturer: EVERLIGHT®

L70: 36000 Hrs.

Duv: 0.0006

Part Number: 62-217B

Colour Temperature: 3000K

ELECTRICAL SPECIFICATIONS

Input Voltage: 347Vac

Current Draw at 347Vac: 0.0482A

Max Operating Case Temperature: 65C

Over Temperature Protection: Auto

Recovery. Returning to normal after over temperature is removed.

Input Frequency: 50/60 hz

Power Factor at 347Vac: > 0.90

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

Short Circuit Protection: Auto Recovery.

The output shall return to normal when the fault condition is removed.

Fixture Draw: 16.71W

THD at 347Vac(%): < 15%

Dimming Current mA: .5mA draw

Driver Certifications: cULus, RoHS

PHYSICAL SPECIFICATIONS

Finish Colour: Haze

Mounting: Recessed

Lens Type: Frosted

Finish Type: Electroplating

Housing Material: Galvanized Steel

Reflector Material: Spun and Die Cast Aluminium

Wiring: Frame mounted junction box

Lens Material: Polycarbonate

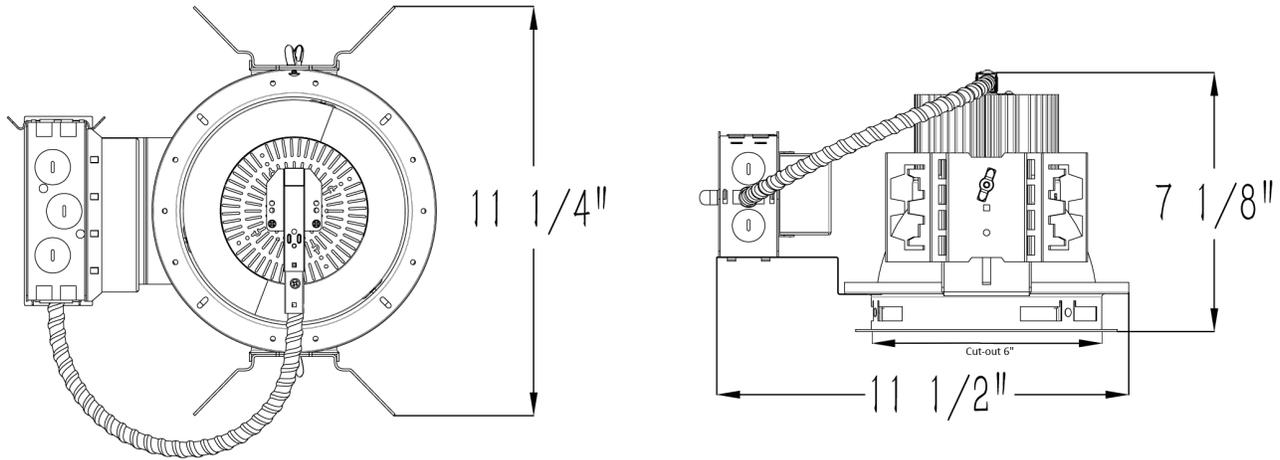
SHIPPING INFORMATION

OrderingCode(s): TLD6TR1530K-HZ + TLD6AH15-347V

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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLD SERIES NOMENCLATURE

| Size | Wattage | CCT | | Mounting | | Voltage | | Finish | | Accessories | |
|------|---------|-----|-------|----------|-----------------------|---------|--------------|--------|---------------|-------------|--------------------------|
| 4 | 15 | 30K | 3000K | A | Architectural Housing | UNV | 120 - 277VAC | HZ | Haze | EM | Emergency Backup Battery |
| 6 | 21 | 35K | 3500K | P | Plaster Frame Housing | 347 | 347VAC | SP | Specular | | |
| 8 | 28 | 40K | 4000K | R | Remodel Housing | | | WH | White | | |
| | 40 | 50K | 5000K | RK | Retrofit Kit | | | CC | Custom Colour | | |
| | 48 | | | | | | | | | | |
| | 52 | | | | | | | | | | |