T SERIES
FEATURES & BENEFITS

01. HOUSING
- Die cast aluminum housing.
- Modular design allows for easy installation, replacement and maintenance. This design also creates a chimney effect which provides exceptional thermal management.
- Tool-less entry to driver compartment.
- IK08 rated.
- Meets 3G vibration per ANSI C136.3-2010.

02. FINISH
- Corrosion resistant polyester powder painted 100 μm thickness.
- Standard colors: Grey, Black, Bronze and White.

03. LED & OPTICAL ASSEMBLY
- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Over 20 optical lenses are available for virtually any application.
- Each LED module are 100% tested prior to assembly which is IP67 rated.

04. MOUNTING
- Side-entry mounting.
- ±12.5, ±5 degree of tilting angle adjustment.
- Adjustable for 1 5/8-2 3/8" (42mm-60mm) O.D. tenon.
- Brackets are available for different installations.

05. Electrical/ Key Components/ Controls
- 120-277VAC and 347-480VAC and 12-24VDC available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple smart lighting control options are available, e.g. photocell, motion sensor, DALI, 1-10V.
- 3-pin/5-pin/7-pin photocell are available for light level adjustments.

06. Product Certifications
- UL/ CUL/ DLC/ LM79/ CB/ CE/ RoHS/ IK08
- Not all products are qualified on the DLC QPL. To view our DLC qualified products please consult TLC/DLC Qualified Products List at www.designlights.org.
**TECHNICAL PARAMETERS**

**PRODUCT MODEL**

**POWER**
- Input: 120-277VAC or 9-18VDC or 18-32VDC or 347-480VAC
- PF: >0.9
- THD: <25%
- Efficiency: 700mA: 78W

**LUMINOUS FLUX**
- 700mA: 20280lm
- 530mA: 156W

**Efficacy**
- 700mA: 118W
- 530mA: 347-480VAC

**OPERATING TEMPERATURE**
- 40°C - 85°C

**DIMENSIONS**
- Net Weight: 7.78kg (17.15lbs)
- Gross Weight: 24.65" x 10.63" x 3.90"
- Carton Dimensions: 38.19" x 12.80" x 6.69"

**APPLICATIONS**
- DAU & Motion sensor unavailable
- 1-10V dimming & DAU & Motion sensor unavailable
- Regularly stocked item
- Example 1: A60-T2M-50K-B2-04
- Example 2: B40-TSU-S5K-WH-01

**ORDERING INFORMATION**

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<thead>
<tr>
<th>MODEL</th>
<th>OPTIC LENS</th>
<th>CCT (K)</th>
<th>OPTIMAL COLOR</th>
<th>LIGHTING CONTROL</th>
<th>ACCESSORY INFO</th>
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<tbody>
<tr>
<td>A30 50W</td>
<td>B4060</td>
<td>6000</td>
<td>40K</td>
<td>Grey (RAL 7004)</td>
<td>Adapter bracket</td>
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<tr>
<td>A60 50W</td>
<td>B4060</td>
<td>6000</td>
<td>40K</td>
<td>Black (RAL 8017)</td>
<td>Trim Spike</td>
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<tr>
<td>A90 50W</td>
<td>B4060</td>
<td>6000</td>
<td>40K</td>
<td>Type II Medium</td>
<td>1/2&quot; pin NEMA, Nonpolarized</td>
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<td>A320 (24W)</td>
<td>B4060</td>
<td>6000</td>
<td>40K</td>
<td>Type III Medium</td>
<td>Safety/Cable</td>
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<tr>
<td>A380 (18W)</td>
<td>B4060</td>
<td>6000</td>
<td>40K</td>
<td>Type IV Medium</td>
<td>Knob Switch</td>
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<tr>
<td>B240</td>
<td>12000</td>
<td>50K</td>
<td>5028</td>
<td>White (RAL 9010)</td>
<td>2014 Surge Protection Device</td>
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<tr>
<td>B160H</td>
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<td>5028</td>
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<tr>
<td>B120D</td>
<td>12000</td>
<td>50K</td>
<td>5028</td>
<td>Grey/Black/Bronze/White</td>
<td>2014 Surge Protection Device</td>
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**COLOR OPTIONS**
- Type II, Type III, Type IV, Type V
- Grey/Black/Bronze/White

**ACCESSORY**
- Receptacle
- Smart Control
- IP Rating
- Photocell

**EPA (sq.ft.)**
- Model No. 108
- Model No. 72
- Model No. 55
- Model No. 44

**LED Module No.**
- Model No. 108
- Model No. 72
- Model No. 55
- Model No. 44

**Model No.**
- Model No. 108
- Model No. 72
- Model No. 55
- Model No. 44
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<th>01. Safety Cable</th>
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<tr>
<th>02. Bird Spike</th>
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<td>![Bird Spike Image]</td>
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<th>03. Wireless Lighting Control System</th>
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<tr>
<th>04. 3/5/7 -pin NEMA Receptacle+Shorting Cap/Photocell</th>
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<td>![3/5/7 -pin NEMA Receptacle Image]</td>
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<th>05. Adaptor Bracket</th>
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