**A 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 enables passive heat dissipation.
- IK8 rated.
- Meets 3G vibration per ANSI C136.3-2010.

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

03. LED & OPTICAL ASSEMBLY
- Each PCB is 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 or post-top mounting.
- Slipfitter with +/- 20 degree of adjustment for leveling.
- Standard mounting diameter is 2-3/8” (60mm), custom adaptors are available for smaller diameters.
- Brackets are available for different installations.

05. ELECTRICAL/KEY COMPONENTS/ CONTROLS
- 120-277VAC and 347-480VAC and 12-24VDC available.
- Standard maximum surge protection to 20kV/10kA per ANSI/IEEE C62.41.2-2002.
- First class driver and connectors, e.g. MOLEX, WAGO.
- 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/ULC/CSA/ENEC/CE/PSE/REACH/IP67/IK08
- Not all products are qualified in the DLC QPL. To see our DLC qualified products please consult www.lumitec.com or www.designlights.org.
**TECHNICAL PARAMETERS**

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th><strong>Input Power</strong></th>
<th><strong>Voltage</strong></th>
<th><strong>Current</strong></th>
<th><strong>Luminous Flux</strong></th>
<th><strong>Efficacy</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A30</td>
<td>120W</td>
<td>120-277VAC</td>
<td>700mA</td>
<td>13806lm</td>
<td>120-277VAC</td>
</tr>
<tr>
<td>B40</td>
<td>78W</td>
<td>9-18VDC</td>
<td>530mA</td>
<td>15340lm</td>
<td>9-18VDC</td>
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</tbody>
</table>

- **Drive Current**: 700mA
- **130**
- **Input Power**: 120W
- **Output Power**: 110W
- **Luminous Flux**: 20280lm
- **Efficacy**: 141W
- **System Power**: 128W
- **Voltage**: 120-277VAC

**ORDERING INFORMATION**

- **Model**: A30/B40
- **Input Power**: 120W
- **Voltage**: 120-277VAC
- **Current**: 700mA
- **Luminous Flux**: 13806lm
- **Efficacy**: 141W
- **System Power**: 128W
- **Voltage**: 120-277VAC

**PRODUCT MODEL**

- **Model**: A30/B40
- **Input Power**: 120W
- **Voltage**: 120-277VAC
- **Current**: 700mA
- **Luminous Flux**: 13806lm
- **Efficacy**: 141W
- **System Power**: 128W
- **Voltage**: 120-277VAC

**ACCESSORY**

- **Adaptor Bracket**
- **Safety Cable**
- **Bird Spike**
- **Surge Protection Device**
- **Back Light Shield**
- **ALU**

**OPTIC LENS**

- **Type II, Type III, Type IV, Type V**
- **Grey/Black/Bronze/White**

**OPTIC (IESNA)**

- **30K**: 3000K
- **40K**: 4000K
- **50K**: 5000K
- **60K**: 6000K
- **70K**: 7000K
- **80K**: 8000K

**CERTIFICATIONS/QUALIFICATIONS**

- **UL/CUL/CE/CB/ROHS/REACH/EF Mark/PSB/IEC61549/951171532/CE/ErP/RoHS/PSE/IK08**

**PRODUCT DIMENSIONS**

- **Carton Dimensions**: 27.76"x16.34"x6.89"
- **Carton Weight**: 8.71kg (19.20lbs)

**NET WEIGHT**

- **A30/B40/D30**: 8.71kg (19.20lbs)
- **A120/B160/C160**: 9.84kg (21.69lbs)
- **D60/D80/D40/D30**: 8.12kg (17.90lbs)

**Carton Dimensions**: 25.39"x16.34"x6.89"

**NET WEIGHT**: 9.24kg (20.37lbs)
<table>
<thead>
<tr>
<th>Model No.</th>
<th>Lumen Power</th>
<th>Voltage</th>
<th>System Power</th>
<th>Voltage</th>
<th>Drive Current</th>
<th>Luminous Flux</th>
<th>Efficacy</th>
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<tbody>
<tr>
<td>A180</td>
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<td>31104lm</td>
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<tr>
<td>B240</td>
<td>234W</td>
<td>120-277VAC</td>
<td>700mA</td>
<td>27378lm</td>
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<tr>
<td>C240</td>
<td>234W</td>
<td>347-480VAC</td>
<td>700mA</td>
<td>27378lm</td>
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<td>36270lm</td>
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<tr>
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<td>310W</td>
<td>347-480VAC</td>
<td>700mA</td>
<td>36270lm</td>
<td>130</td>
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<td>530mA</td>
<td>34385lm</td>
<td>135</td>
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</tbody>
</table>
CUSTOMIZED SOLUTIONS

01. Safety Cable

02. Bird Spike

03. Tool-less Entry

04. 3/5/7-pin NEMA Receptacle + Shorting Cap/Photocell

05. Pole Tenon Adaptor

06. Wireless Lighting Control System

07. Square Pole Adaptor