**EFER SERIES**

**FEATURES & BENEFITS**

01. **HOUSING**
- Rugged extruded aluminum housing.
- Modular design allows for easy installation, replacement and maintenance.
- IP67 rated.
- IK08 rating option available.

02. **FINISH**
- Corrosion resistant polyester powder painted 100μm thickness.
- Standard colors: Grey & Black.
- Customized colors are available.

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.
- Uniformly 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 15 optical lenses are available for virtually any application.

04. **MOUNTING**
- Surface mount and suspension mount available.

05. **Electrical/ Key Components/ Controls**
- 120-277VAC and 347-480VAC available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple lighting control options are available, e.g. motion sensor, DALI, 1-10V.
- Emergency Power Supply (EPS) available.

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

**Power**
- 60-150W

**Input**
- 100-277VAC or 220-240VAC or 347-480VAC

**PF**
- > 0.5

**THD**
- <20%

**Operating Temperature**
- -40°C ~ +60°C

**Typical Efficiency**
- 110-150W/KW

**ANSI CCT**
- 3000K/4000K/5000K

**LED**
- 8052lm

**Driver Current**
- 530mA

**LED Modules**
- 120-277VAC

**Rated Beam Angle**
- 60° or 80° or 100°

**Example 1:** BCA60-T2M-30K-BK-00

**Example 2:** BCA90-T5U-40K-BK-04

### Ordering Information

#### MODEL (Nominal Power)
- BCA60 60W
- BCA90 90W
- BCA120 120W
- BCA150 150W

#### OPTIC LENS
- TLM Type I Medium
- T2M Type II Medium
- T3M Type III Medium
- TU Type IV Short
- T5S Type V Short
- TSM Type VI Medium
- TGU Average beam angle 10°
- TVS Average beam angle 25°
- TSW Average beam angle 40°
- TSS Average beam angle 60°
- TSM Average beam angle 80°
- TSL Average beam angle 120°
- TXS Average beam angle 150°
- TDS O-Flower

**CCT (KESI)**
- 30K
- 40K
- 50K
- 57K
- 60K
- 6K

**OPTIONAL COLOR**
- Black (RAL:9011)
- Grey (RAL:7004)
- Black/White (RAL:9010/9017)

**LIGHTING CONTROL**
- Not required
- Motion sensor
- DALI

**ACCESSORY INFO**
- Emergency Power Supply (EPS)
- 10KA/20KA Surge Protection Device
- Suspension Mount
- Surface Mount

**Mounting options**
- Type I, Type II, Type III, Type IV, Type V

### System Power

- 347-480VAC

### Luminous Flux

- 8052lm (135lm/W)

### System Power

- 347-480VAC

### Product Model

#### Model
- BCA60
- BCA90
- BCA120
- BCA150

#### LIGHTING POWER
- 3000K

#### DRIVER POWER
- 530mA

#### Net Weight
- 5665g (12.5lbs)

#### Gross Weight
- 6600g (14.5lbs)

#### Product Dimensions
- 120x97x112mm

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