

- **Product Name** : 60W LED Flood Light Fixture
- **Model** : SEFLD-LED-6042
- **Product Type** : 60W LED Outdoor Lighting Fixture
- **Features** :
 - Designed and developed as per European Standards EN-60598-1, EN-60598-2-3, EN-60598-2-4 & EN-60968 & ICAO-Annex-14
 - Instant start, No flicker, No noise, Low work temperature, Low power consumption.
 - Aluminium Die Cast Body Fixture - Eliminates Problem of Rusting.
 - Optimal thermal design to provide extended life to LEDs.
 - Bug Free Light - UV Free LED Light – Eliminating Bug problems – Reduces frequent glass cleaning expenses.
 - Short Pay Back Period Saving more than 80% Power than traditional fixtures.
- **Applications:**
 - Street Lighting
 - Flood Lighting
 - Area Lighting
 - Warehouse Lighting
 - Parking Area Lighting
 - Perimeter Lighting
- **Specifications:**
 - 1) **Type of Ballast** : Electronic Ballast
 - 2) **Operating Voltage Range** : 110VAC ~ 270VAC +/- 10%
 - 3) **Operating Frequency** : 50/60 Hz +/- 4%
 - 4) **Input Power** : 60Watt +/- 10%
 - 5) **Power Factor** : >= 0.95 PF
 - 6) **Total Harmonic Distortion** : <= 30 %
 - 7) **Ingress Protection** : IP-65
 - 8) **Lighting Efficiency** : 120 ~ 140 lm/W.
 - 9) **LED Type** : 1.22W - 42 nos.
 - 10) **Color Rendering Index** : >= 70 / >= 80
 - 11) **Color Temperature** : 5000K – 7000K / 3000K – 5000K
 - 12) **Voltage Tolerance Range** : 90 VAC to 300 VAC
 - 13) **Circuit Efficiency** : >= 85%.
 - 14) **Body** : Aluminium Die Cast Body Fixture
 - 15) **Heat Sink Thermal Design** : Shah Electronics has designed this outdoor light in which the LED junction temperature is controlled under 75°C and heat sink temperature variation is constrained below 2°C to ensure all of LEDs applied on the outdoor light can reach the same life. Consists of complete aluminium die-cast body heat sink and heat dissipation surface.
 - 16) **High Voltage / Surge Protection.**
 - 17) **Dimension (L x W x H in mm.)** : 310 x 235 x 90 ; PS BOX: 180 x 110 x 60
 - 18) **Recommended Mounting Height** : 27 Ft. – 30 Ft.

Ambient temperature range: Storage Temp. :: 15 °C - Max Temp. :: 75 ° C

