**LUMINAIRE SPECIFICATION**

**HOUSING**
The pendant mount luminaire shall be cast aluminum. Aluminum shall be certified as pure #6061 alloy, free of any porosity, foreign materials or cosmetic blemishes. Castings shall be uniform with thicknesses with no warping or mold splitting. Minimum wall thickness shall be 0.0625 inches. Castings shall be one piece plug-in. LED assembly unit shall be mounted with four stainless steel screws. The core ports for ventilation located at four percent (0.004) the distance between the top and bottom of the luminaire and two percent (0.002) the distance between the side and back of the luminaire. LED assembly shall be designed for either a Type III or Type IV light distribution pattern.

**LED POWER SUPPLY**
All electronic components and materials shall be UL-recognized and wired by a certified UL technician. The electrical assembly is equipped with quick disconnects for servicing. Electrical components rated for 1 amp but only draws 360 mA maximum. All UL listed components are tested for meets the units' temperature, input voltage 120-277V with 48V surge suppression. All components are E96 rated with 5,000 hours R90 at 50°C to 60°C Ambient Operating Temperature, <20% Total Harmonic Distortion.

**LED CIRCUIT BOARD**
LEDs are available in 3000, 4000 & 5000 Kelvin with a Type III or Type IV light distribution, Instant On/Off soft start, PF rating of 0.95 Solid State panel.

**MOUNTING**
Luminaire shall be mounted to #8 1/2" O.D. with stainless steel thru bolt and Allen set screws (4 @ 90°).

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**BC-26-FLAT-LED-S7**

- **36 KV SERIES IMPEDANCE BALANCED SURGE SUPPRESSOR**
- **SAFETY CHAIN ENCASED IN A HEAT SHRUNK LATEX SLEEVE**
- **HIGH PERFORMANCE SILICONE OPTICS TYPE III OR V**
- **(4) 1"-20 x 2-1/2" S.S. BUTTON HEAD SOCKET CAP SCREWS**

**UL-1598 & UL 1449 3rd Edition, UL Driver is Included.**

**FINISH - AA162 - B196**
Surface finish shall consist of degreasing, phosphating, and drying followed by anodizing. Anodizing shall be color coded with anodic oxidation. Powder coating shall be color coded with a different color code for each finish.

**WARRANTY**
50 week limited warranty on LED module and electronic driver. Please contact manufacturer for more details.

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**NORMAL LED**

**Certification**
The fixture shall be UL certified. All components are listed with E96 Components. Designed to UL 1598 & UL 1449 3rd Edition. All drivers are included. Complete with E96 testing and FCC Part 15 Class A.

**PHOTOMETRICS**
Complete photometric data for all fixtures is available in E3S format. A certified independent laboratory performs all testing. Contact the Manufacturer for more information.

**NILAND/LED**
Leading The Way For Solid State Street Lighting

**QUICK 60+ Warranty On Parts**

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**All LED products manufactured in the United States.**