#### PROJECT TYPE:

## 8456 SERIES-LED

## SPECIFICATIONS

## HOUSING

Heavy wall cast aluminum (A356 alloy; < 0.2% copper) construction. Powder coated for use in concrete. Two (2) 3/4" NPT conduit entries provided at bottom of Splice Compartment.

#### LENS FRAME

Cast aluminum (A356 alloy; < 0.2% copper) construction in louvered frame or open frame configurations.

#### **LENS**

LOUVERED LENS FRAME: 3/16" tempered glass, frosted (ALF) or prismatic (ALP).

OPEN LENS FRAME: 3/16" tempered glass, frosted (NLF) or prismatic (NLP).

#### LED MODULE

Array of multiple LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED's and is mechanically fastened to a radial aluminum heat sink. An acrylic Lens and end cap protects the LED Tube's internal components.

## LED EMITTERS

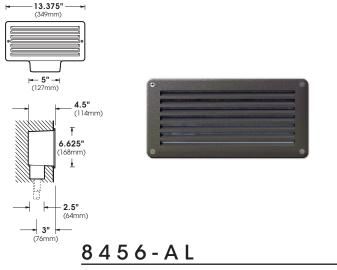
High Output LED's are driven at 350mA for nominal 1 Watt output each. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

### LED DRIVER

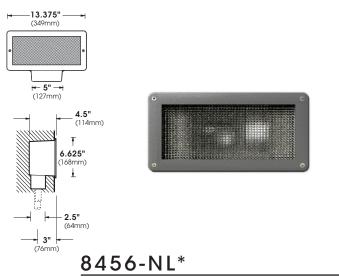
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

#### **FINISH**

Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.



PATENT PENDING



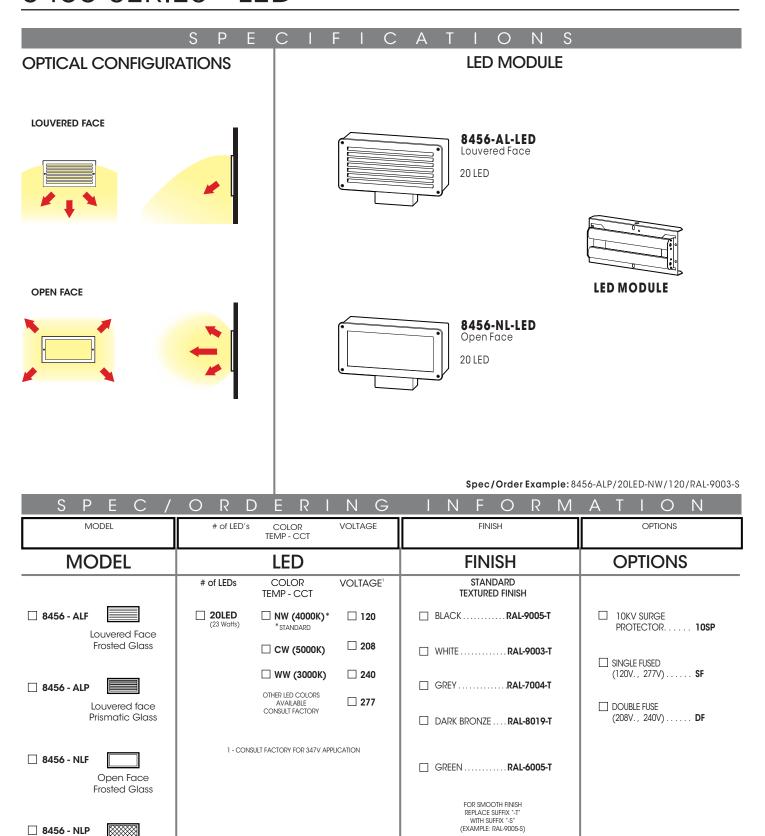
\*Shown with **-NLP** Face Option

PATENT PENDING





# 8456 SERIES - LED



CONSULT FACTORY

Open Face Prismatic Glass