

# SOLID STATE AREA LIGHTING

## 8630 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

Corrosion resistant, precise cast aluminum (A356 alloy; <0.2% copper) construction with vandal resistant lens guard.

#### 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

Constant current LED drivers are UL and cUL recognized mounted on a single plate and factory prewired with quick-disconnect plugs. Drivers are electronic and have a power factor of >.90 and a minimum operating temperature of -40°F. Drivers accept an input of 120-277V, 50/60Hz. (Consult factory for dimming applications.)

#### 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.

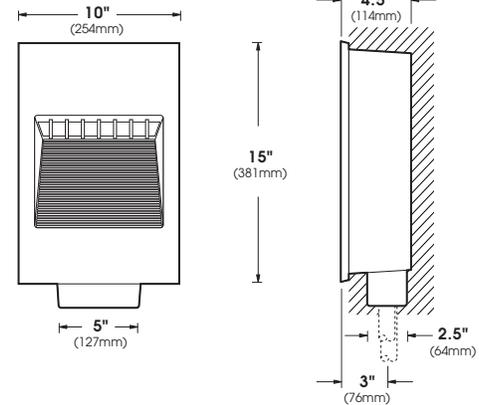
PROJECT NAME: \_\_\_\_\_

PROJECT TYPE: \_\_\_\_\_



## 8630

PATENT PENDING

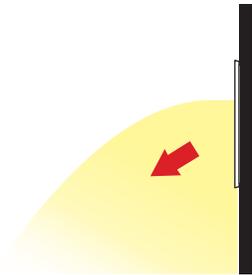
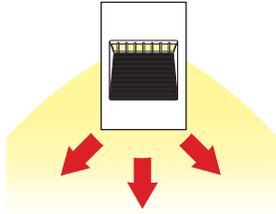


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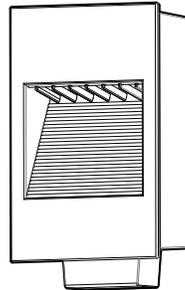
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## S P E C I F I C A T I O N S

### OPTICAL CONFIGURATIONS

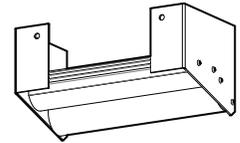


### LED POWER ARRAY™ MODULE



**8630-LED**

16 LED



**LED MODULE**

Spec/Order Example: 8630/16LED-CW/277/RAL-8019-T

## S P E C / O R D E R I N G I N F O R M A T I O N

MODEL	# of LED's	COLOR TEMP - CCT	VOLTAGE	FINISH	OPTIONS
MODEL	LED	FINISH	OPTIONS		
<input type="checkbox"/> <b>8630</b> Recessed	<input type="checkbox"/> <b>16LED</b> (19 Watts)	<input type="checkbox"/> <b>NW (4000K)*</b> *STANDARD  <input type="checkbox"/> <b>CW (5000K)</b>  <input type="checkbox"/> <b>WW (3000K)</b>  OTHER LED COLORS AVAILABLE CONSULT FACTORY  1 - CONSULT FACTORY FOR 347V APPLICATION	<input type="checkbox"/> <b>120</b>  <input type="checkbox"/> <b>208</b>  <input type="checkbox"/> <b>240</b>  <input type="checkbox"/> <b>277</b>	<b>STANDARD TEXTURED FINISH</b>  <input type="checkbox"/> BLACK ..... <b>RAL-9005-T</b>  <input type="checkbox"/> WHITE ..... <b>RAL-9003-T</b>  <input type="checkbox"/> GREY ..... <b>RAL-7004-T</b>  <input type="checkbox"/> DARK BRONZE .... <b>RAL-8019-T</b>  <input type="checkbox"/> GREEN ..... <b>RAL-6005-T</b>  FOR SMOOTH FINISH REPLACE SUFFIX "-T" WITH SUFFIX "-S" (EXAMPLE: RAL-9005-S)  CONSULT FACTORY FOR CUSTOM COLORS	<input type="checkbox"/> 10KV SURGE PROTECTOR..... <b>10SP</b>  <input type="checkbox"/> SINGLE FUSED (120V., 277V)..... <b>SF</b>  <input type="checkbox"/> DOUBLE FUSE (208V., 240V)..... <b>DF</b>