



## CRNAT

NATATORIUM  
CORNER MOUNT



The **CRNAT** Series is an architecturally designed surface mount LED fixture. This is a great fixture for facilities like a natatorium or any environment where moisture vapor is higher than normal, and/or corrosive airborne materials such as chlorine or salt is present. The CRNAT series is designed to be a high quality, energy efficient LED fixtures with qualities that allow them to perform for a long time in challenging environments.

**CONSTRUCTION:** One-piece die-formed prime grade material as specified. Corners continuously seam welded and smooth. Sealed and gasketed with an IP65 rating. Knockouts can be ordering through ordering options.

**OPTICAL SYSTEM:** The fixture is provided with a precision formed, high efficiency symmetrical reflector to provide exceptional downward throw. Choice of lens material, if additional lenses are required, consult factory.

**ELECTRICAL:** Electronic drivers are available for 120/277V applications, 0-10v dimming standard. Long-life LED system rated for 100K life hours (L70 @ 45°C). Complies with federal energy efficiency standards. Consult factory for special tuning to achieve specific lumen outputs.

**MOUNTING:** This fixture is designed for corner / wall / ceiling mounting, where the wall and ceiling meet.

**NATATORIUM OPTION:** Includes all the standard options, plus stainless-steel fasteners and a multi-step degrease and phosphate cleaning process that includes deoxidizing and etching. This is followed by an a super epoxy finish with a very high chemical resistance. This finish is specifically designed for these environments.

**LISTINGS:** Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed. Manufactured in the USA, BAA compliant.

**WARRANTY:** 5 - Year Limited Warranty. Complete warranty and terms located at: [www.aelnow.com/warranty](http://www.aelnow.com/warranty)

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## ORDERING INFORMATION

Example: CRNAT-4-35-12L-ALH-PA125-W-M-NAT

| SERIES | LENGTH (FT.)                     | CCT                                          | ILLUMINATION LEVEL                                                                                                                     | HOUSING/DOORFRAME                                                                                                                                                                                                                       | LENS                                                                                                                                     |
|--------|----------------------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| CRNAT  | 4 4'<br>8 8'<br>XX Length in Ft. | 30 3000K<br>35 3500K<br>40 4000K<br>50 5000K | 4.5L 4000 Lumens<br>8L 8000 Lumens<br>11L 11000 Lumens<br>12L 12000 Lumens<br>13L 13000 Lumens<br>16L 16000 Lumens<br>XX Custom Lumens | ALH .063" Aluminum Standard (Painted)<br>SHP18 18 Gauge Stainless Steel (Painted 304)<br>SHP186 18 Gauge Stainless Steel (Painted 316)<br>SHB18 18 Gauge Stainless Steel (Brushed 304)<br>SHB186 18 Gauge Stainless Steel (Brushed 316) | PA125 .125 Prismatic Acrylic<br>PA156 .156 Prismatic Acrylic<br>PP125 .125 Prismatic Polycarbonate<br>PP187 .187 Prismatic Polycarbonate |

| FINISH               | VOLTAGE                 | DRIVER                                                                                                                                                                                                                                                 | OPTIONS                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| W White<br>SP Custom | M Multi-Volt (120-277V) | BLANK 0-10V 1% Dimming Driver (included standard)<br>CD5 0-10V 5% to Off Dimming Driver<br>EDN Electronic Driver Non-Dimming<br>DALI Dali Dimming Driver<br>LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology | 14EBL 14 Watt Emergency Ballast<br>EC Emergency Circuit<br>KOL Knockout Left Side1<br>KOR Knockout Right Side1<br>KO2 Knockouts Both Sides1<br>90 90 CRI<br>THR Tether for LED tray<br>NAT NATATORIUM: EPOXY paint and stainless steel fasteners<br>RGBW: Addressable DMX Decoder for DMX512 Control (Controller Supplied by Others). Consult factory for requirements. |

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### ENERGY AND PERFORMANCE DATA

|                           |                               |
|---------------------------|-------------------------------|
| INPUT VOLTAGE:            | 120/277VAC                    |
| SYSTEM INPUT POWER:       | 31.5 - 111 WATTS*             |
| DELIVERED LUMEN OUTPUT:   | 4000 - 13000 LUMENS           |
| STANDARD DIMMING CONTROL: | 0-10V                         |
| CCT:                      | 3000, 3500, 4000, 5000 KELVIN |
| CRI:                      | 82 (MINIMUM)                  |
| LIFE TIME RATING:         | >100,000 HRS @ L70            |
| INPUT FREQUENCY:          | 50/60 HZ                      |
| POWER FACTOR:             | >0.9                          |
| OPERATING TEMP:           | -30° TO 50° C                 |

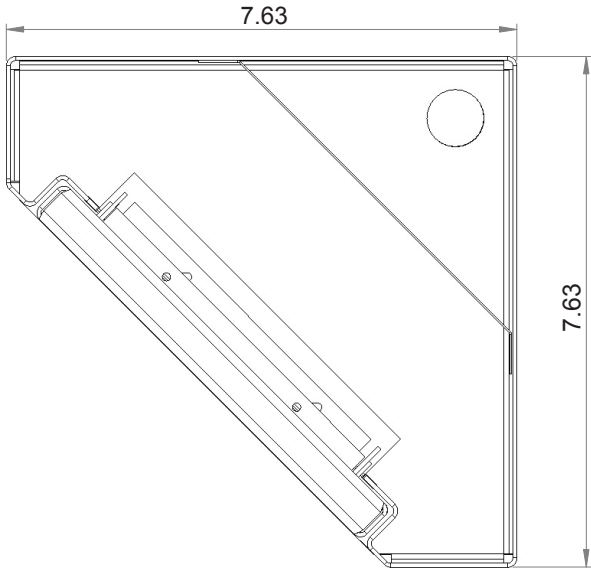
#### APPROXIMATE COLOR TEMPERATURE MULTIPLIER

|       |   |      |
|-------|---|------|
| 5000K | X | 1.03 |
| 4000K | X | 1    |
| 3500K | X | .97  |
| 3000K | X | .94  |
| 2700K | X | .91  |

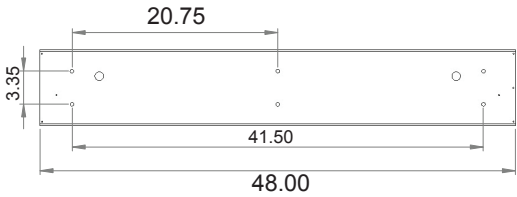
| PART# | LUMENS | WATTS | L70 @20C (HRS) |
|-------|--------|-------|----------------|
| 4.5L  | 4500   | 31.5  | >100K          |
| 8L    | 8000   | 55.2  | >100K          |
| 11L   | 11000  | 79.1  | >100K          |
| 12L   | 12000  | 83.2  | >100K          |
| 13L   | 13000  | 90.1  | >100K          |
| 16L   | 13000  | 111   | >100K          |

\*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

**DIMENSIONS**



CRNAT4



CRNAT8

