MADE IN THE USA

# CLP
## CLEAN ROOM TOP ACCESS TROFFER

**CLEANROOM** LED LUMINAIRES

NSF  UL

**NEW** ▶ *Advantage Tune Available**

CASAMBI

The **CLP** is 600lb load tested to reduce the hazard of foot traffic. One piece overlapping door provides easy cleaning and air-tight integrity of luminaire. Standard with Food Zone/Non-Contact listing, ideal for food processing applications. Full length internal piano hinge is standard.

**HOUSING:** One piece, seam welded construction with your choice of cold roll steel, stainless steel, or aluminum. Top access panel is cable hinged to housing for room-side removal. Panel is sealed with a neoprene gasket to housing inner surface.

**DOOR FRAME:** Various door frame options available, consult factory for additional option. Doorframe secured to housing with stainless steel aircraft cables and captive flush mounted Phillips head stainless steel fasteners. One-piece neoprene gasket seals doorframe to housing and ceiling structure.

**OPTICAL SYSTEM:** High output LED's available in 3000K, 3500K, 4000K, and 5000K. CRI >82. Various lensing options available, see ordering options. Consult factory for additional lens options. (more options available).

**ELECTRICAL SYSTEM:** 0-10V 1% Dimming Driver included standard.Long-life LED system rated for >100K life hours (L70 @ 50°C). Complies with federal energy efficiency standards.

**MOUNTING:** IC-Rated recessed ceiling mounting into walkable grid or walkable ceiling systems. Walkable ceiling (flange) installation suitable for ceilings up to 4" in thickness. Secured to ceiling with continuous perimeter compression to ceiling panel. Grid installation suitable for 1" and 1.5" T-bar ceilings. Supplemental support required.

**LISTINGS:** UL Listed. NSF Listed. Wet Location. Suitable for FED-STD-209E/Class 1 (ISO 3), Biosafety Labs Rated BSL 3 and 4, as well as EU GMP Grade A Clean rooms. NSF2 Food Zone/ Non-Contact. Suitable for 1700 PSI high pressure hosedowns. IC-Rated for direct contact with insulation.

**WARRANTY:** 5-Year Limited Warranty. Complete warranty and terms located at **www.aelnow.com/warranty**.

## ORDERING INFORMATION:
## Example: CLP-22-40-11L-SH20-A125-SH18-M-MH

| SERIES | SIZE | CCT | ILLUMINATION LEVEL | HOUSING | DOOR FRAME |
|---|---|---|---|---|---|
| CLP | 14 1'x4'<br>22 2'X'2'<br>24 2'X4' | 27 2700K<br>30 3000K<br>35 3500K<br>40 4000K<br>50 5000K<br>ATTW Tunable White | 4L 4000 Lumens (Standard Low)<br>7L 7000 Lumens (Medium Low)<br>11L 11000 Lumens (High Low)<br>12L 12000 Lumens (Standard Medium)<br>13L 13000 Lumens (Medium Medium)<br>15L 15000 Lumens (High Medium)<br>16L 16000 Lumens (Standard High)<br>20L 20000 Lumens (Medium High)<br>25L 25000 Lumens (High High)<br>XX Custom Lumens | B14 Cold Roll 14 Gauge Steel Powder Coated<br>B16 Cold Roll 16 Gauge Steel Powder Coated<br>B18 Cold Roll 18 Gauge Steel Powder Coated<br>B20 Cold Roll 20 Gauge Steel Powder Coated<br>SH20 20 Gauge 304 Polished Stainless Steel<br>ALH ALH .063" Aluminum | B18 18 Gauge Cold Roll Steel Powder Coated<br>SH18 18 Gauge 304 Polished Stainless Steel<br>ALH .063" Aluminum |

| LENS | VOLTAGE | DRIVER OPTIONS | CIRCUITS | OPTIONS |
|---|---|---|---|---|
| PA125 .125 Prismatic Acrylic (inverted)<br>PA156 .156 Prismatic Acrylic (inverted)<br>PA187 .187 Prismatic Acrylic (inverted)<br>PP125 Prismatic Inner with .125 Clear Outer Polycarbonate<br>SY Symmetric Diffused DR Acrylic<br>125P .125 Clear Polycarbonate<br>250P .250 Clear Polycarbonate<br>K19RF KSH-19 RFI Prismatic Acrylic<br>CPOL Clear .125 Polycarbonate Outer Lens | M Multi-Volt (120-277VAC)<br>HV 347-480VAC | BLANK 0-10V Dimming Driver (included standard)<br>CD5 0-10V 5% to Off Dimming Driver<br>EDN Electronic Driver Non-Dimming<br>DALI 1% Dali Dimming Driver<br>LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology<br>2TW1 2 Channel 0-10v Tunable White 1% Dimming Driver*<br>2TWCS 2 Channel 0-10v Tunable White Dimming Driver Compatible with Casambi** | 1 1 Circcuit<br>2 2 Circuit | 14EBL 14 Watt Emergency Driver<br>FH Fuse and Holder (1 per circuit)<br>2C Two Drivers (2 circuits)<br>IS Internal Occupancy Sensor (Microwave)<br>AM Anti-Microbial White Paint<br>VDO Lutron Vive Integral fixture control (RF with Daylight and Occupancy Sensing)<br>90 90 CRI |

[1] K19RF lens option must be chosen for MILSTD 461G Compliance. *Prewired with Tunable White LED boards and (2) 0-10v drivers installed
**Prewired with Tunable White LED boards and Casambi ready fixture control

*Other options and configurations are available. Consul factory for details.*

### ENERGY AND PERFORMANCE DATA

| | |
|---|---|
| INPUT VOLTAGE: | 120/277VAC |
| SYSTEM INPUT POWER: | 27.8 - 208.3 WATTS* |
| DELIVERED LUMEN OUTPUT: | 4000 - 30000 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 |

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

**APPROXIMATE COLOR TEMPERATURE MULTIPLIER**

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

| PART# | DELIVERED LUMENS | WATTS | L70 @20C (HRS) |
|---|---|---|---|
| 4L | 4000 LUMENS | 27.8 | >100K |
| 7L | 7000 LUMENS | 48.5 | >100K |
| 11L | 11000 LUMENS | 79.3 | >100K |
| 12L | 12000 LUMENS | 83.2 | >100K |
| 13L | 13000 LUMENS | 90.1 | >100K |
| 15L | 15000 LUMENS | 104 | >100K |
| 16L | 16000 LUMENS | 110.1 | >100K |
| 20L | 20000 LUMENS | 138.7 | >100K |
| 25L | 25000 LUMENS | 173.4 | >100K |
| 30L | 30000 LUMENS | 208.3 | >100K |

# DIMENSIONS

CROSS SECTION

A

5.44

4.35

B

C

B

D

GASKET PROFILE

CEILING

| DIMENSIONAL DATA (IN INCHES) | | | |
|---|---|---|---|
| | A | B | C | D |
| 1×4 | 50.30 | 14.70 | 47.90 | 11.90 |
| 2×2 | 26.30 | 26.70 | 23.90 | 23.90 |
| 2×4 | 50.30 | 26.70 | 47.90 | 23.90 |