



CATALOG #:

PROJECT:

TYPE:

CLP

CLEAN ROOM
TOP ACCESS
TROFFER

CLEANROOM
LED LUMINAIRES



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: ETL 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 on Next Page

ORDERING INFORMATION:

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

SERIES	SIZE	CCT	ILLUMINATION LEVEL	HOUSING	DOOR FRAME
CLP	14 1'x4' 22 2'x2' 24 2'x4'	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K ATTW Tunable White	4L 4000 Lumens (Standard Low) 7L 7000 Lumens (Medium Low) 11L 11000 Lumens (High Low) 12L 12000 Lumens (Standard Medium) 13L 13000 Lumens (Medium Medium) 15L 15000 Lumens (High Medium) 16L 16000 Lumens (Standard High) 20L 20000 Lumens (Medium High) 25L 25000 Lumens (High High) XX Custom Lumens	B14 Cold Roll 14 Gauge Steel Powder Coated B16 Cold Roll 16 Gauge Steel Powder Coated B18 Cold Roll 18 Gauge Steel Powder Coated B20 Cold Roll 20 Gauge Steel Powder Coated SH20 20 Gauge 304 Polished Stainless Steel ALH ALH .063" Aluminum	B18 18 Gauge Cold Roll Steel Powder Coated SH18 18 Gauge 304 Polished Stainless Steel ALH .063" Aluminum

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

*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. Consult factory for details.

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ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	25.0 - 156.3 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

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

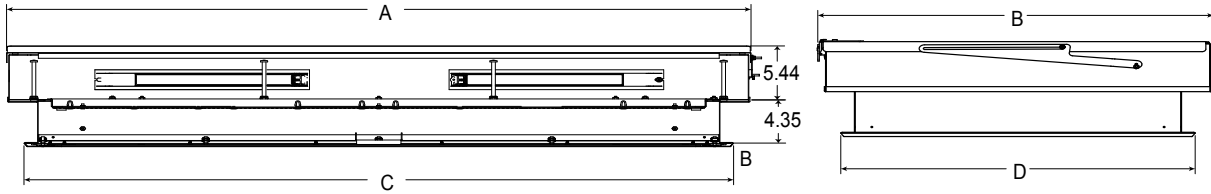
5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	25.0	>100K
7L	7000 LUMENS	43.8	>100K
11L	11000 LUMENS	68.8	>100K
12L	12000 LUMENS	75.0	>100K
13L	13000 LUMENS	81.3	>100K
15L	15000 LUMENS	93.8	>100K
16L	16000 LUMENS	100.0	>100K
20L	20000 LUMENS	125.0	>100K
25L	25000 LUMENS	156.3	>100K

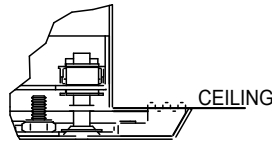
*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

DIMENSIONS

CROSS SECTION



GASKET PROFILE



DIMENSIONAL DATA (IN INCHES)				
	A	B	C	D
1x4	50.30	14.70	47.90	11.90
2x2	26.30	26.70	23.90	23.90
2x4	50.30	26.70	47.90	23.90