

Catalog Number	
Project	
Type	

CLP

Clean Room Top Access Troffer



STANDARD



OPTIONAL



PRODUCT SPECIFICATIONS

DESCRIPTION

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. Optional Food Zone/Non-Contact listing, ideal for food processing applications. Easy opening using rotary latches and a full length piano hinge

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 closed cell 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 closed cell extruded 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. Optional NSF2 Food Zone/ Non-Contact. Suitable for 1700 PSI high pressure hoses/downs. IC-Rated for direct contact with insulation.

APPLICATIONS

The CLP is ideal for biomedical labs, food processing/testing centers, pharmaceutical labs, government facilities, schools and public areas.

WARRANTY

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

ORDERING INFORMATION

Example: CLP2-40-HL-B20-PA125-B20-M

SERIES	CCT	OUTPUT	HOUSING	LENS
CLP1 1x4	30 3000K	SL Standard Low	B18 Cold Roll 18 Gauge Steel Powder Coated	PA125 .125 Prismatic Acrylic
CLP2 2x2	35 3500K	ML Medium Low	B20 Cold Roll 20 Gauge Steel Powder Coated	PP125 .125 Prismatic Polycarbonate
CLP4 2x4	40 4000K	HL High Low	SH20 20 Gauge 304 Polished Stainless Steel	PHA125 .125 Prismatic High Impact Acrylic
	50 5000K	SM Standard Medium	ALH .063" Aluminum	FA125 .125 Frosted Acrylic
		MM Medium Medium		A125 .125 Clear Acrylic
		HM High Medium		125P .125 Clear Polycarbonate
		SH Standard High		SY Symmetric Diffused DR Acrylic
		MH Medium High		
		HH High High		

DOOR FRAME	DRIVER OPTIONS	VOLTAGE	OPTIONS
B18 18 Gauge Cold Roll Steel Powder Coated	BLANK 0-10V Dimming Driver (included standard)	M 120/277V	12EBL 1200 Lumen Emergency Ballast
SH18 18 Gauge 304 Polished Stainless Steel	CD5 0-10V 5% to Off Dimming Driver		FH Fuse and Holder (1 per circuit)
ALH .063" Aluminum	EDN Electronic Driver Non-Dimming		2C Two Drivers (2 circuits)
	FLDD Fifth Light Dali, Dimming		MH Myers Hub
	LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology		IS Internal Occupancy Sensor (Microwave)
	LDE5 Lutron LDE5 5-Series Ecosystem 5% Dimming		AM Anti-Microbial White Paint
			VDO Lutron Vive Integral fixture control (RF with Daylight and Occupancy Sensing)
			90 90 CRI

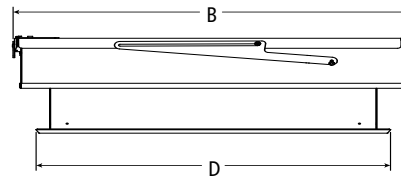
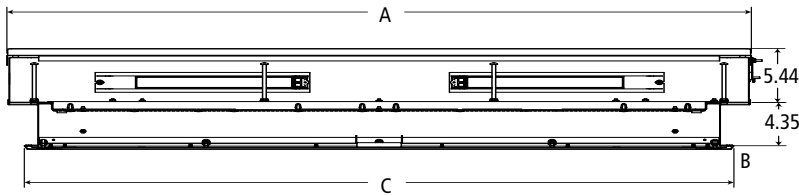
Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91

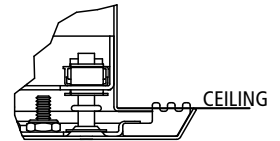
* Delivered Lumens shown were tested with 4000K LEDs

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