

Catalog Number	
Project	
Type	

CLPIMP

Clean Room Top Access Troffer for Insulated Metal Panel Ceilings



STANDARD



OPTIONAL



PRODUCT SPECIFICATIONS

DESCRIPTION

The CLPIMP is a top access clean room recessed luminaire for IMP ceilings. 600lb load tested to reduce the hazard of foot traffic. One piece overlapping door provides easy cleaning and air-tight integrity of luminaire. 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 14 gauge heavy duty cold roll steel construction, painted white. Panel is sealed with a closed cell gasket to housing inner surface.

DOOR FRAME

Heavy gauge painted white cold roll steel doorframe, or heavy gauge polished stainless steel doorframe options. Consult factory for additional options. Screwless doorframe design. 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. 90 CRI available. 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

For recessed installation into 4" Insulated Metal Panel (IMP) ceilings.

LISTINGS

UL Listed. NSF2 Listed for Food Zones. IP66 rating. 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. Suitable for 1700 PSI high pressure hosedowns. Manufactured in the USA, BAA compliant. Ambient operating temperature up to 50°C (122°F).

APPLICATIONS

The CLPIMP 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: CLPIMP22-40-ML-B14-FA125-CRS-M

SERIES	CCT	OUTPUT	HOUSING	LENS
CLPIMP22 2x2	30 3000K	SL Standard Low	B14 14 Gauge Cold Roll Steel (Painted White)	PA125 .125 Prismatic Acrylic
CLPIMP24 2x4	35 3500K	ML Medium Low		PP125 .125 Prismatic Polycarbonate
	40 4000K	HL High Low		PHA125 .125 Prismatic High Impact Acrylic
	50 5000K	SM Standard Medium		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			
	VH Very High			

DOOR FRAME	DRIVER OPTIONS	VOLTAGE	OPTIONS
CRS Heavy Gauge Cold Roll Steel (Painted)	BLANK 0-10V Dimming Driver (included standard)	M 120/277V	12EBL 1200 Lumen Emergency Ballast
SS Heavy Gauge Stainless Steel (Polished)	CD5 0-10V 5% to Off Dimming Driver		FH Fuse and Holder (1 per circuit)
	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	

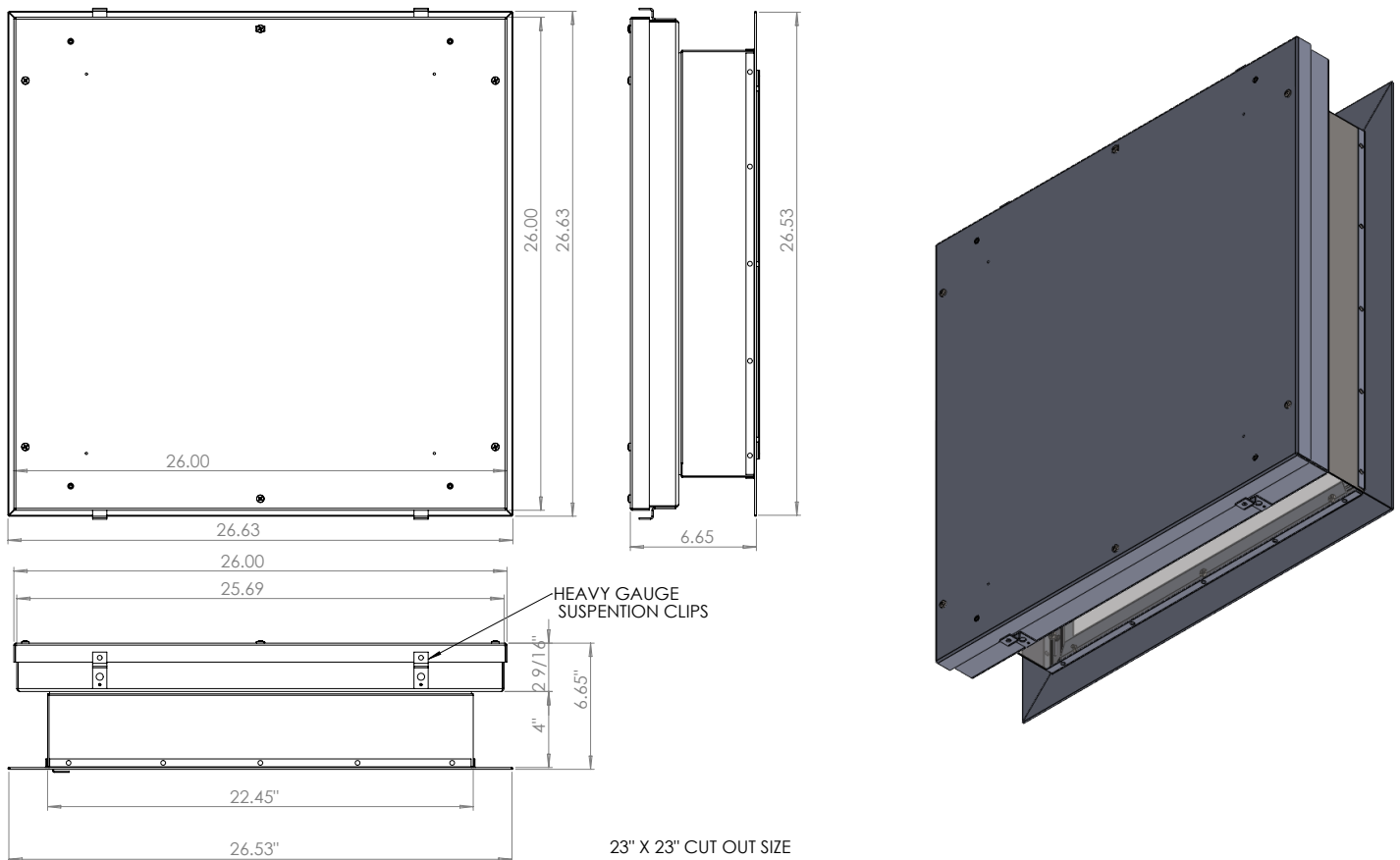
LED SYSTEM DATA

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
VH	30000	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



2X2

Specifications subject to change without notice.