



Catalog Number
Project
Туре

CLEL

Surface Mount LED Tube Clean Room



STANDARD

OPTIONAL







DESCRIPTION

The CLEL provides a supplemental, asymmetric/symmetric clean room lighting solution and has a hole-free design and is enclosed and gasketed to protect against infiltration of particles and airborne bacteria. The sealed housing and door frame allow relamping without contamination of the clean areas. CLEL is available in 1x4, 2x2, and 2x4 sizes. Available options such as anti-microbial paint, and wet location. MILSTD 46IG available, NSF listed, and suitable for ISO Class 5 - 8 clean rooms.

DOORFRAME

18-gauge CRS, one-piece inset construction corners. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Doorframe secured to housing with stainless steel aircraft cables and captive flush mounted Phillips head stainless steel fasteners. Antimicrobial finish optional.

ELECTRICAL SYSTEM

Electronic, standard 0-10V, 1% and 10% dimming.

OPTICAL SYSTEM

One-piece asymmetric/symmetric acrylic diffuser. RFI 3/8" square metal grid, grounded to the housing. Other lenses available, refer to Ordering Information.

LISTINGS

UL Listed. NSF listed. Food Safe. Wet Location Optional.

MOUNTING

Surface Mount. The CLEL has a gasket between surface and fixture housing.

HOUSING

Die-formed heavy gauge steel. Seam-welded construction. Stainless steel or aluminum options. All doors attached to the housing with two stainless steel aircraft cables. Stainless steel Philips head screws painted to match door finish to secure door frame to housing. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Antimicrobial paint optional.

WARRANTY

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

DOORFRAME GASKET

One-piece closed cell silicone gasket seals door-frame to housing.

SERIES		NUMBER OF LAMPS		LAMP REPLACEMENT		WIRE APPLICATION		LED	
CLEL1	1x4	1	1 Lamp	17	17W T8	BLANK	Single Ended Wiring*	LED	LED Lamps
CLEL2	2x2	2	2 Lamps	28T8	28W T8	DE	Double Ended Wiring**	WT	With Tubes Included
CLEL24	2x4	3	3 Lamps	28T5	28W T5				
		4	4 Lamps	32	32W T8				
				54	54W T5HO				

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	WT WATTAGE OPTIONS	WT CO	LOR TEMP		HOUSING		DOOR TYPE
10W	10 Watt (available in 24" or 36")	30	3000K	B18	18 Gauge Cold Roll Steel	INS20	20 Gauge Insert Door, Die-formed steel Inset
12W	12 Watt (available in 48")	40	4000K	B20	20 Gauge Cold Roll Steel	INA	Door, Die-formed aluminum
15W	15 Watt (available in 36" or 48"	50	5000K	SHB20	20 Gauge Stainless Steel Brushed	INSSP	Inset Door, Die-formed stainless steel
18W	18 Watt (available in 48")			SH20	20 Gauge Stainless Steel	INSSB	Inset Door, Die-formed stainless steel, Brushed
20W	20 Watt (available in 48")			A20	.063 Gauge Aluminum		

	LENS		OPTIONS
AS	Asymmetric/Symmetric Lens with .020 opal	12EBL	1200 Lumen Emergency Ballast
	diffusing overlay.*	EMRA	Emergency installed for room-side access
ASR	Asymmetric/Symmetric Lens with RFI grid with	MSBA	Mounting Safety Brackets (4) with hardware
	.020 opal diffusing overlay.*	СНР	Continuous piano hinge
A125	Pattern 12 acrylic, 0.125" thick, inverted.*	MIL1	MILSTD 461G compliant 1,2,3,4 one filter for single component
89BC	0.125" thick KSH19 RFI Symmetrical Lens*)	MIL2	MILSTD 461G compliant 1,2,3,4 two filter's for dual circuits
SY	Symmetric Diffused DR Acrylic	MIL3	MILSTD 461G compliant 1,2,3,4 three filter's for 3 circuits
S	Satin Lens	AM	Anti-microbial Paint
125P	.125 Clear Poly	WL	Wet Location
A12	.125 Clear Acrylic		

*(Add "C" to the end of lens to include 0.125 clear acrylic underlay. EX: 89BCC)

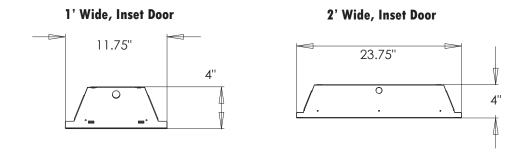
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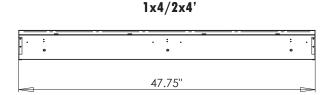


NOTES

- 1. Thermal protectors installed on side of fixture, located approximately 2 1/4" inches from bottom of fixture. (See thermal protector table and detail below). ** Please specify voltage in the catalog ordering logic.
- 2. ASR or 89BC lens options must be used for MILSTD 461G compliance.
- 3. EL7W and EL14W not available with MILSTD 461G.
- 4. MILSTD 461G is the latest MILSTD version. MILSTD 461G supercedes all other versions (A-F).

DIMENSIONS





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