ADVANTAGE ENVIRONMENTAL LIGHTING

MADE IN THE USA

CATALOG #:

PROJECT:

TYPE:

CLB

MINI WASH DOWN LED CLEAN ROOM LUMINAIRE

ETL · 5YR WARRANTY · ISO 5-9 · MADE IN THE USA · BAA COMPLIANT LIGHTING PRODUCTS · BUILD AMERICA BUY AMERICA

The **CLB** Series is an ISO 5, IP67 Rated Mini Wash Down LED Clean Room luminaire. It is compact for tight areas and boasts a poured-in gasketed enclosure that is completely dust and moisture resistant. The CLB utilizes state-of-the-art LED technology to deliver the highest possible efficiency in the lighting industry.

APPLICATIONS: The CLB Series are designed to be high quality, energy efficient fixtures for use in food processing facilities, pharmaceutical manufacturing facilities, electrical component manufacturing facilities, and any application that needs a sealed, economical clean room solution. Suitable for both indoor and outdoor applications.

CONSTRUCTION: The fixture is constructed of a single-piece 5VA fiberglass body and a high impact acrylic or polycarbonate diffuser securely positioned with a permanent, poured-in-place; polyurethane sealing gasket. The diffuser and upper components are locked in place and sealed tightly with captive retaining latches.

OPTICAL SYSTEM: White polyester polymer finish reflector with a minimum 93% reflectivity. Frosted and clear high impact acrylic or polycarbonate lenses are available. Clear acrylic transmission: 93%, frosted acrylic transmission 88%. Clear polycarbonate transmission 89%, frosted polycarbonate transmission 82%.

ELECTRICAL SYSTEM: Electronic drivers are available for 120/277V applications. Long-life LED system rated for >100K life hours (L70 @ 45°C). 2 Rows of LEDs standard. 3 row and 4 row options are available. Complies with federal energy efficiency standards. 0-10V dimming standard.

CONTROLS: The fixture is compatible with 0-10V dimming controls, 0-10V dimming driver included standard. 50% step dimming is available upon request.

MOUNTING: The fixture can be suspended or surface mounted. 316 stainless steel mounting bracket included standard. V-Hook and flexible ceiling mount mounting accessories are available.

LISTINGS: CSA approved. NSF International Certified. IP66 and IP67 Certified. Suitable for ISO 5-9 cleanrooms. NEMA 4X. Manufactured in the USA, BAA compliant. ETL listed.

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

ORDERING INFORMATION

Example: CLB-30-5L-CA-M-CD1

SERIES	CCT		OUTPUT		LENS OPTIONS		VOLTAGE		DRIVER OPTIONS		OPTIONS	
CLB	30	3000K	2L	2000 Lumens	CA	Clear Acrylic	M	Multi-Volt (120-277VAC)	Blank	0-10V 10% Dimming Driver	14EBL	14W Emergency Driver
	35	3500K	3L	3000 Lumens	FA	Frosted Acrylic			CD1	0-10V 1% Dimming Driver	WS	Wet Location Occupancy Sensor
	40	4000K	5L	5000 Lumens	CP	Clear Polycarbonate			CD5	0-10V 5% Dimming Driver	VHOOK	V-Hook Mounting Hooks
	50	5000K	7L	7000 Lumens	Fp	Frosted Polycarbonate			EDN	Non-Dimming Electronic Driver	FCM	Flexible Mounting Bracket
			9L	9000 Lumens					DALI	DALI 1% Dimming Driver	RMB	Rigid Mounting Beam Bracket
			12L	12000 Lumens					LDE1	Lutron Hi-Lume 1% EcoSystem Driver	90	90 CRI
			16L	16000 Lumens							3LED	3 Rows of LEDs
											4LED	4 Rows of LEDs

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MINI WASH DOWN LED CLEAN ROOM LUMINAIRE

Compact Size
- 26.6″ Long
- 14.5″ Wide
- 5.8″ Deep

DELIVERED LUMENS	SYSTEM WATTAGE	L70 @ 20C (HRS)
2000	12.5	>100K
3000	18.7	>100K
5000	31.3	>100K
7000	43.8	>100K
9000	33.3	>100K
12000	56.3	>100K
16000	98.5	>100K

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	12.5-98.5 WATTS*
DELIVERED LUMEN OUTPUT:	2000-16000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>120,000 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%

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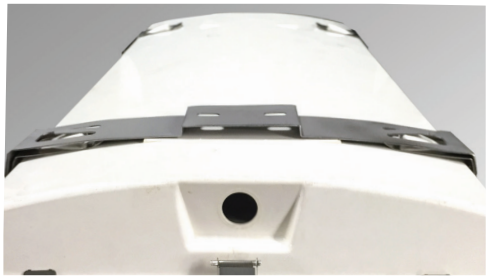
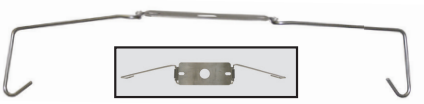
MOUNTING ACCESSORIES

Surface Mount Bracket
(included standard)

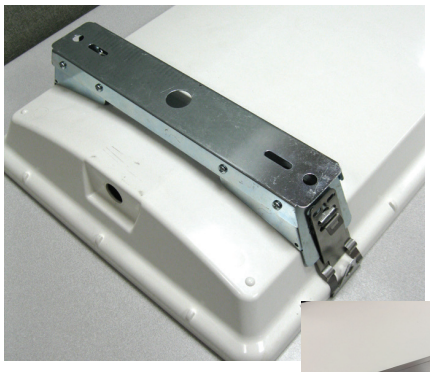


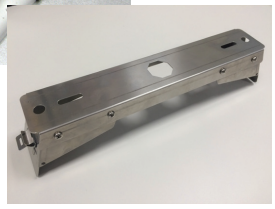
VOOK

FCM



RMB





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