MADE IN THE USA

CLS
LED CLEANROOM CORNER MOUNT

CLEANROOM LED LUMINAIRES

IP65 UL

The **CLS** Series is an architecturally designed surface mount LED fixture suitable for clean room applications. The CLS Series is designed to be a high quality, energy efficient LED fixtures for use in clean rooms and areas that require a fixture that can be sprayed down.

CONSTRUCTION: One-piece die-formed prime grade material as specified. Corners continuously seam welded and smooth. Sealed and gasketed with an IP65 rating. Knockouts can be ordering through ordering options.

OPTICAL SYSTEM: The fixture is provided with a precision formed, high efficiency symmetrical reflector to provide exceptional downward throw. Choice of lens material, if additional lenses are required, consult factory.

ELECTRICAL SYSTEM: SYSTEMElectronic drivers are available for 120/277V applications, 0-10v dimming standard. Long-life LED system rated for 100K life hours (L70 @ 45°C). Complies with federal energy efficiency standards. Consult factory for special tuning to achieve specific lumen outputs.

MOUNTING: This fixture is designed for corner / wall / ceiling mounting, where the wall and ceiling meet.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications. UL and cUL Listed. Damp location rated. IP65 rated with option WL. Manufactured in the USA, BAA compliant.

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

ORDERING INFORMATION
Example: CLS-8-40-11L-SH14-125C-125P-W-M-THR

SERIES	LENGTH (FT.)	CCT	ILLUMINATION LEVEL	HOUSING/DOORFRAME	LENS
CLS	4 4' 8 8' XX Length in Ft.	30 3000K 35 3500K 40 4000K 50 5000K	4.5L 4000 Lumens 8L 8000 Lumens 11L 11000 Lumens 12L 12000 Lumens 13L 13000 Lumens 16L 16000 Lumens XX Custom Lumens	B16 16 Gauge Cold Roll Steel B18 18 Gauge Cold Roll Steel B20 20 Gauge Cold Roll Steel SH16 16 Gauge Stainless Steel SHB18 18 Gauge Stainless Steel (Brushed 304) SH20 20 Gauge Stainless Steel	PA125 .125 Prismatic Acrylic PA156 .156 Prismatic Acrylic PP125 .125 Prismatic Polycarbonate PP187 .187 Prismatic Polycarbonate

FINISH	VOLTAGE	DRIVER	OPTIONS
W White SP Custom AM Antimicrobal Paint	M Multi-Volt (120-277V)	BLANK 0-10V 1% 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	14EBL 14 Watt Emergency Ballast EC Emergency Circuit KOL Knockout Left Side1 KOR Knockout Right Side1 KO2 Knockouts Both Sides1 90 90 CRI THR Tether for LED tray WL Wet Location

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ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	31.5 - 93.5 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 13000 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)
4.5L	4500	31.5	>100K
8L	8000	55.2	>100K
11L	11000	79.1	>100K
12L	12000	83.2	>100K
13L	13000	90.1	>100K
16L	13000	111	>100K

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

DIMENSIONS

7.63

7.63

CLS 4

20.75

3.35

41.50

48.00

CLS 8

44.75

3.35

89.50

96.00