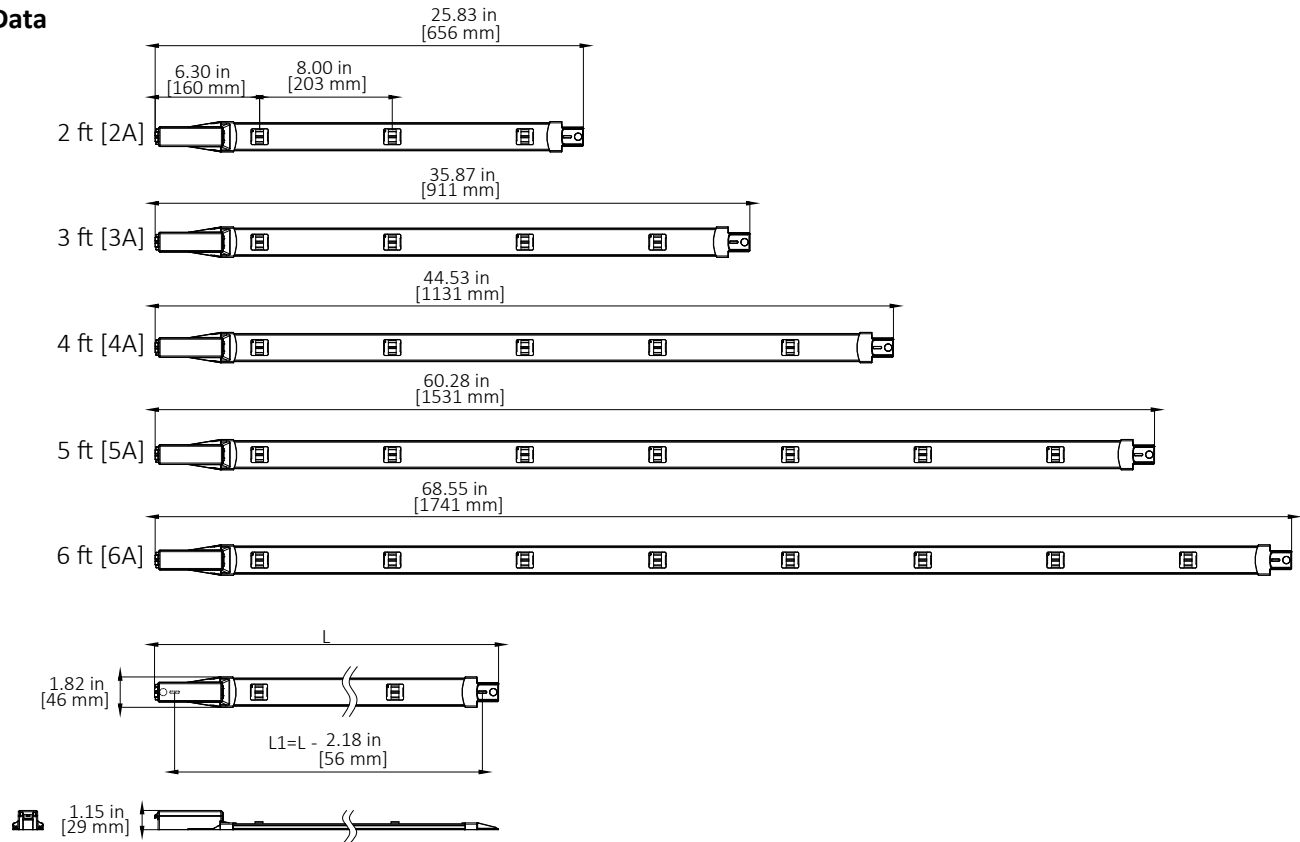


CL8

LED Cooler | Display Light

Project
Type
Catalog No.

Luminaire Data



Ordering Information

Sample
Catalog No. CL8 5A 07F CW 24VD

Product	Nominal Length		No. & Type of LEDs		Nominal Color Temperature ²	Input Voltage
CL8	2A	2 ft	03F	3 LEDs (2 ft)	CW 5000K	24VD ³ 24V DC Power Supply
	3A	3 ft	04F	4 LEDs (3 ft)		
	4A ¹	4 ft	05F ¹	5 LEDs (4 ft)		
	5A ¹	5 ft	07F ¹	7 LEDs (5 ft)		
	6A ¹	6 ft	08F ¹	8 LEDs (6 ft)		

Notes:

1 DLC QPL: 4A 05F at 120V, 5A 07F and 6A 08F up to 277V

2 5000K standard, consult factory for other color temperatures.

3 Power Supply ordered separately (see below). A single power supply may power multiple luminaires, see Performance Data on page 2.

Power Supply Ordering Information

Sample Catalog No. STD 24027L

24V DC Power Supply	
LP1025-24 STD 24027L CL6 PS100	25W Maximum, 120-277V Input 65W Maximum, 120-277V Input 100W Maximum, 120V Input

CL8

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Luminaire Specifications

Housing

Extruded aluminum housing and aluminum cover plate. Injection molded wiring chamber and end caps.

Light Emitting Diodes

Hi-flux/Hi-power white LEDs produce a minimum of 95% of initial intensity at 100,000 hours of life. LEDs are tested in accordance with IES LM-80 testing procedures. Mean correlated color temperature of 5000K (standard) and 80 minimum CRI. LEDs are 100% mercury and lead free.

Optical Systems

Micro-lens system produces uniform light distribution, evenly illuminating merchandise.

Electrical

Power supplies are ordered separately and may power multiple CL8 luminaires. Power supply features a minimum power factor of .90 and <20% Total Harmonic Distortion (THD) when driving the recommended maximum number of luminaires (see performance data below). EMC meets or exceeds FCC CFR Part 15. Transient voltage complies with ANSI C62.41 Cat. A.

Finish

Housing receives a satin anodized finish.

Listings/Ratings/Labels

Luminaires are UL listed for use in damp locations in the United States and Canada. Optical systems maintain an IP66 rating. Design Lights Consortium qualified product.

Photometry

Luminaires are photometrically tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures.

Warranty

5-year limited warranty is standard on all luminaires and components.

Power Supply Data

	Weight	Dimensions		
		Length	Width	Height
LP1025-24 (25W)	0.5 lb [0.21 kg]	3.1 in [80 mm]	3.1 in [78 mm]	1.0 in [26 mm]
STD 24027L (65W)	1 lb [0.45 kg]	9.6 in [245 mm]	1.6 in [41 mm]	1.1 in [28 mm]
CL6 PS100 (100W)	Consult Factory	9.4 in [240 mm]	1.3 in [33 mm]	1.0 in [25 mm]

Performance Data

All data nominal, consult factory for IES files or LM-79 reports.

No. of LEDs & Type	System Wattage (W)	Delivered Lumens (Lm)			CW Efficacy (Lm/W)	Maximum Units per 65W Power Supply
		CW	NW	WW		
03F	7.9	630	620	560	80	8
04F	10.6	840	820	750	80	6
05F	13.2	1050	1030	940	80	5
07F	17.3	1450	1420	1300	85	4
08F	21.1	1790	1730	1570	85	3