

Specification Sheet - D-LEDbar™

Uniform light and incomparable energy efficiency

Date : _____
 Client : _____
 Project : _____
 Type : _____
 Purchase order number : _____
 Quantity : _____



Designed for the architectural lighting industry, the D-LEDbar™ is part of HEICO lighting™ Contactless LED System. The D-LEDbar™ is available in white (3000K, 3500K, 6500K). Its components are fully potted and suitable for use in dry and damp locations. Its modular design allows for fast and easy installation. The AC power of the LMPS is fed by electromagnetic induction to the D-LEDbar™, which eliminates electrical contacts and risks of corrosion.

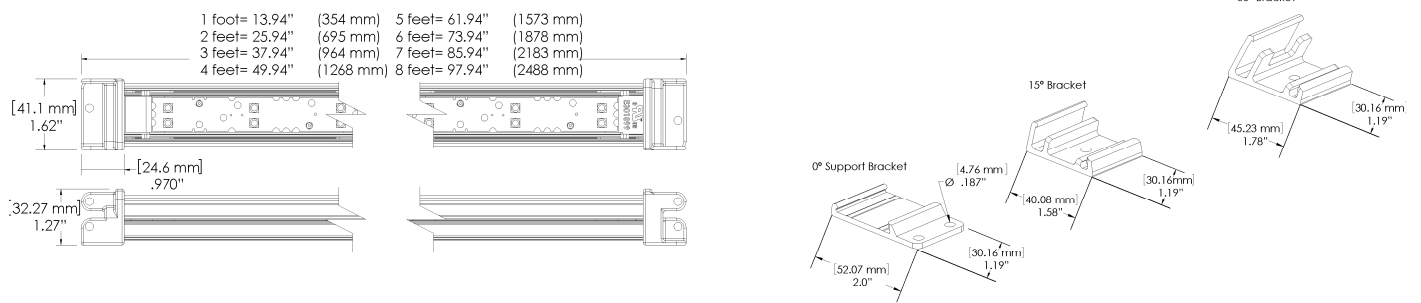
Benefits

- More than 90% efficiency
- Patented induction power technology
- Rugged design, luminaire is entirely encapsulated
- Modular design for a perfect fit to all your projects
- No polarity
- 5-year warranty
- Designed and manufactured in North America

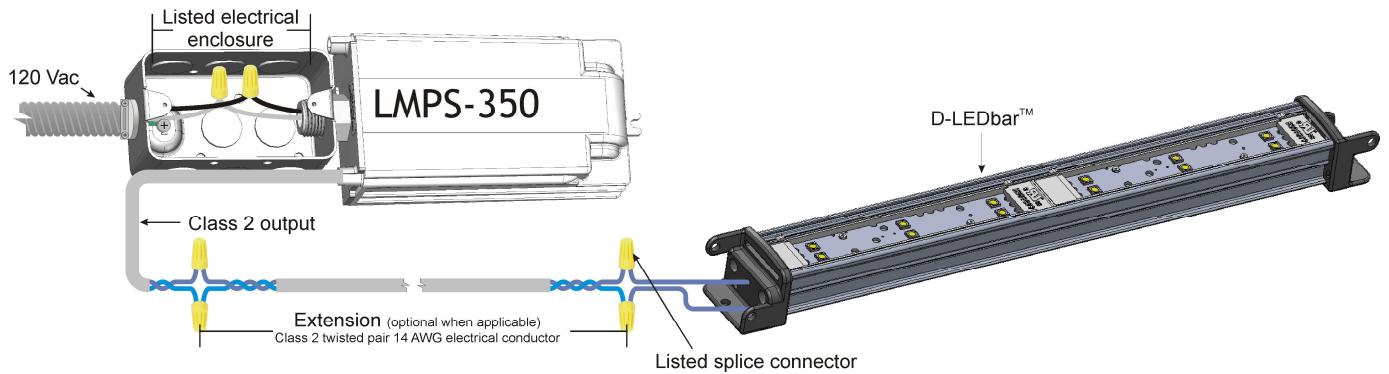
Characteristics

Input Power	Only from the following Class 2 power supplies: LMPS-350, LMPS-DC350 or LMPS-750			
Dimming Option	Only with : LMPS-Dimmer Controller and LMPS-Dimmer Extender			
Beam angle	120°			
LED Color Spectrum	White (3000K, 3500K, 6500K)			
Chromaticity Tolerance	3-Step MacAdam ellipse			
Bracket angles	0°	15°	30°	
Ambient Operating Temperature	-40°F to 122°F (-40°C to 50°C)			
Operating Environment	Dry and damp locations			
Ingress Protection Rating	IP67			
Warranty	5 years			
Overall length (±.125 (3.175mm))	1 foot: 13.94" (354 mm)	2 feet: 25.94" (659 mm)	3 feet: 37.94" (964 mm)	4 feet: 49.94" (1268mm)
	5 feet: 61.94" (1573 mm)	6 feet: 73.94" (1878 mm)	7 feet: 85.94" (2183 mm)	8 feet: 97.94" (2488 mm)
Weight	1 foot: 0.620 lbs (281 g)	2 feet: 1.129 lbs (512 g)	3 feet: 1.638 lbs (743 g)	4 feet: 2.147 lbs (974 g)
	5 feet: 2.657 lbs (1205 g)	6 feet: 3.166 lbs (1436 g)	7 feet: 3.675 lbs (1667 g)	8 feet: 4.184 lbs (1898 g)
Housing	Aluminum body and plastic mounting clips			
Listings	 Luminaires			
	The D-LEDbar™ shall only be used with the following Class 2 power supplies: LMPS-350, LMPS-DC350 or LMPS-750. Failure to comply will void all warranties and UL/ETL listings.			

Dimensions



Typical System Diagram



D-LEDbar™ System Loading and Photometric Information **

Length	Model	Watts per D-LEDbar™	Maximum number of D-LEDbar™		Lumens			CRI		
			LMPS-350	LMPS-750	3000K	3500K	6500K	3000K	3500K	6500K
1 foot	Virgo+™ LS3	2.50	14	30	214	226	240	85	85	84
	Virgo+™ LS6	4.20	8	17	412	434	460	85	85	84
2 feet	Virgo+™ LS3	5.00	7	15	428	452	480	85	85	84
	Virgo+™ LS4	10.64	3	7	889	938	987	85	85	84
	Virgo+™ LS6	8.4	4	8	824	868	920	85	85	84
3 feet	Virgo+™ LS3	7.50	4	10	642	678	720	85	85	84
	Virgo+™ LS4	16.72	2	4	1397	1474	1551	85	85	84
	Virgo+™ LS6	12.60	2	5	1236	1302	1380	85	85	84
4 feet	Virgo+™ LS3	10.00	3	7	856	904	960	85	85	84
	Virgo+™ LS4	22.80	1	3	1905	2010	2115	85	85	84
	Virgo+™ LS6	16.80	2	4	1648	1736	1840	85	85	84
5 feet	Virgo+™ LS3	12.50	2	6	1070	1130	1200	85	85	84
	Virgo+™ LS4	28.88	1	2	2413	2546	2679	85	85	84
	Virgo+™ LS6	21.00	1	3	2060	2170	2300	85	85	84
6 feet	Virgo+™ LS3	15.00	2	5	1284	1356	1440	85	85	84
	Virgo+™ LS4	33.44	1	2	2794	2948	3102	85	85	84
	Virgo+™ LS6	25.20	1	2	2472	2604	2760	85	85	84
7 feet	Virgo+™ LS3	17.50	2	4	1498	1582	1680	85	85	84
	Virgo+™ LS4	39.52	N/A	1	3302	3484	3666	85	85	84
	Virgo+™ LS6	29.40	1	2	2884	3038	3220	85	85	84
8 feet	Virgo+™ LS3	20.00	2	3	1712	1808	1920	85	85	84
	Virgo+™ LS4	45.60	N/A	1	3810	4020	4230	85	85	84
	Virgo+™ LS6	33.60	1	2	3296	3472	3680	85	85	84

** Photometric data is subject to change, the D-LEDbar™ is currently being submitted for LM-79 certification.

Electrical Requirements

- To connect the LED arrays to the LMPS, use a 14 AWG UL or CSA listed electrical conductor approved for the purpose.
- The maximum allowable outside diameter for the electrical conductor is .150" (3.94 mm) for the LS3, LS4, LS6 short and long.
- Every LED array must be wired in series.

Additional References

- For complete technical drawings, see technical bulletin #24 "Architectural CAD file package"
- For the specifications of the power supplies, refer to the LMPS-350, LMPS-350/LINECORD, LMPS-DC350 and LMPS-750 specifications sheets (Documents 11126.007, 11978.002 and 11126.003).
- For mandatory installation requirements refer to the "D-LEDbar™ Architectural Lighting Installation Guide" (technical bulletin #15) and the "LMPS-DIMMER Architectural Lighting Installation Guide" (technical bulletin #11).

Ordering Procedure

Select your options

Description	1 - Family	2 - LED Module	3 - LED Color Spectrum	4 - Overall Length	5 - Finish	6 - Mounting Option
Ordering code	<u>DL</u>	_____	_____	_____	<u>AL</u>	_____

Example : DL-V3-3-30-1-AL-ECA

Options

2 - LED Module

Number of LEDs per module

V3-3 - Virgo+™ LS3
V4-4 - Virgo+™ LS4
V6-6 - Virgo+™ LS6

3
4
6

3 - LED Color Spectrum

30 - White 3000K
35 - White 3500K
65 - White 6500K

4 - Overall Length

With end-cap

1 - 13.94" (354 mm)*
2 - 25.94" (659 mm)
3 - 37.94" (964 mm)
4 - 49.94" (1268 mm)
5 - 61.94" (1573 mm)
6 - 73.94" (1878 mm)
7 - 85.94" (2183 mm)
8 - 97.94" (2488 mm)
9- XX : _____

End-to-end configuration

1 - 12.00" (305 mm)*
2 - 23.87" (606 mm)
3 - 35.74" (908 mm)
4 - 47.60" (1209 mm)
5 - 59.48" (1511 mm)
6 - 71.34" (1812 mm)
7 - 83.2" (2113 mm)
8 - 95.09" (2415 mm)
9- XX : _____

6 - Mounting Option

ECA - With end-cap
ETE - End-to-end configuration

*1 foot only available with the V3-3 and V6-6 LED modules

D-LEDbar™ can be used with HEICO lighting™'s Contactless LED System LMPS power supplies.

For more information on our complete line of products, visit
www.heicolighting.com

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