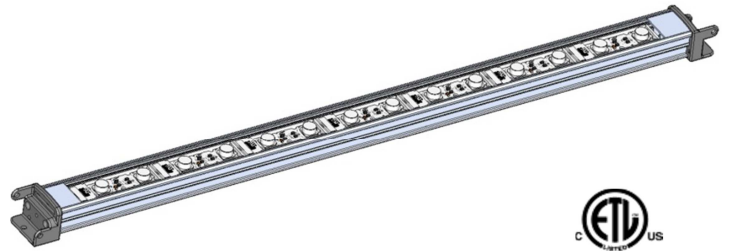


## Product Sheet D-LEDbar™ Polyoptik™



Designed for the architectural lighting industry, the D-LEDbar™ Polyoptik™ is a linear LED luminaire that is part of the Contactless LED System. The inclusion of the Polyoptik™ LED modules with different optics within the latter gives this product an unsurpassed flexibility. The power Contactless LED technology ensures reliability and high efficiency.

Please refer to the D-LEDbar™ Polyoptik™ specification sheet and to technical bulletin #36 for all the complete information regarding this product.



### Characteristics

| Input Power                   | Only from the following Class 2 power supplies: LMPS-350 or LMPS-750                    | Bracket Angles          | 0° / 15° / 30°  |                 |
|-------------------------------|---|-------------------------|-----------------|-----------------|
| Dimming Option                | Only with: LMPS-Dimmer Controller and LMPS-Dimmer Extender                              |                         | With end-cap    | Without end-cap |
| Beam Angle                    | 20°X20° 40°X40° 20°X40° 180°X180°   | Overall length - 2 feet | 25.94" (659mm)  | 23.87" (606mm)  |
| LED Color Spectrum            | White 3000K, 3500K  | Overall length - 3 feet | 37.94" (964mm)  | 35.74" (908mm)  |
| Chromaticity Tolerance        | 3-Step MacAdam ellipse  | Overall length - 4 feet | 49.94" (1268mm) | 47.60" (1209mm) |
| Ambient Operating Temperature | -40°F to 122°F (-40°C to 50°C)  | Overall length - 5 feet | 61.94" (1573mm) | 59.48" (1511mm) |
| Operating Environment         | Dry and damp locations (with LMPS-350 and LMPS-750), wet locations (only with LMPS-350) | Overall length - 6 feet | 73.94" (1878mm) | 71.34" (1812mm) |
| Ingress Protection Rating     | IP67  | Overall length - 7 feet | 85.94" (2183mm) | 83.20" (2113mm) |
| Warranty                      | 5 years   | Overall length - 8 feet | 97.94" (2488mm) | 95.09" (2415mm) |

### Loading Information

| Length | Consumption         | Maximum number of D-LEDbar™ |          |
|--------|---------------------|-----------------------------|----------|
|        | Watts per D-LEDbar™ | White (3000K, 3500K, 6500K) |          |
|        |                     | LMPS-350                    | LMPS-750 |
| 2      | 9.45                | 3                           | 7        |
| 3      | 14.85               | 2                           | 5        |
| 4      | 20.25               | 1                           | 3        |
| 5      | 25.65               | 1                           | 2        |
| 6      | 29.70               | 1                           | 2        |
| 7      | 35.1                | 1                           | 2        |
| 8      | 40.5                | N/A                         | 1        |

Photometric Information \*\*

| Length   | Model      | Lumens |       | Lumens per watt |       | CRI   |       |
|----------|------------|--------|-------|-----------------|-------|-------|-------|
|          |            | 3000K  | 3500K | 3000K           | 3500K | 3000K | 3500K |
| <b>2</b> | 20° X20°   | 729    | 791   | 77              | 84    | 82    | 82    |
|          | 40° X40°   | 684    | 742   | 73              | 76    | 82    | 82    |
|          | 20° X40°   | 800    | 868   | 84              | 92    | 82    | 82    |
|          | 180° X180° | 684    | 742   | 76              | 79    | 82    | 82    |
| <b>3</b> | 20° X20°   | 1146   | 1243  | 77              | 84    | 82    | 82    |
|          | 40° X40°   | 1075   | 1166  | 73              | 76    | 82    | 82    |
|          | 20° X40°   | 1258   | 1364  | 84              | 92    | 82    | 82    |
|          | 180° X180° | 1075   | 1166  | 76              | 79    | 82    | 82    |
| <b>4</b> | 20° X20°   | 1563   | 1695  | 77              | 84    | 82    | 82    |
|          | 40° X40°   | 1466   | 1590  | 73              | 76    | 82    | 82    |
|          | 20° X40°   | 1715   | 1860  | 84              | 92    | 82    | 82    |
|          | 180° X180° | 1466   | 1590  | 76              | 79    | 82    | 82    |
| <b>5</b> | 20° X20°   | 1980   | 2147  | 77              | 84    | 82    | 82    |
|          | 40° X40°   | 1857   | 2014  | 73              | 76    | 82    | 82    |
|          | 20° X40°   | 2173   | 2356  | 84              | 92    | 82    | 82    |
|          | 180° X180° | 1857   | 2014  | 76              | 79    | 82    | 82    |
| <b>6</b> | 20° X20°   | 2293   | 2486  | 77              | 84    | 82    | 82    |
|          | 40° X40°   | 2151   | 2332  | 73              | 76    | 82    | 82    |
|          | 20° X40°   | 2516   | 2728  | 84              | 92    | 82    | 82    |
|          | 180° X180° | 2151   | 2332  | 76              | 79    | 82    | 82    |
| <b>7</b> | 20° X20°   | 2709   | 2938  | 77              | 84    | 82    | 82    |
|          | 40° X40°   | 2542   | 2756  | 73              | 76    | 82    | 82    |
|          | 20° X40°   | 2973   | 3224  | 84              | 92    | 82    | 82    |
|          | 180° X180° | 2542   | 2756  | 76              | 79    | 82    | 82    |
| <b>8</b> | 20° X20°   | 3126   | 3390  | 77              | 84    | 82    | 82    |
|          | 40° X40°   | 2933   | 3180  | 73              | 76    | 82    | 82    |
|          | 20° X40°   | 3431   | 3720  | 84              | 92    | 82    | 82    |
|          | 180° X180° | 2933   | 3180  | 76              | 79    | 82    | 82    |

\* All values are for the maximum allowable number of modules per foot / \*\* Photometric data is subject to change, LM-79 data & IES files are available for 3500K modules.

## Ordering Information

| Ordering Code | 1- Family | 2- LED modules | 3- LED Color Spectrum | 4- Lens | 5- Overall Length | 5- Finish | 6- Mounting Option |
|---------------|-----------|----------------|-----------------------|---------|-------------------|-----------|--------------------|
|               | <u>DL</u> | <u>POL-2</u>   |                       |         |                   | <u>AL</u> |                    |

### 3 - LED Color Spectrum

30K - White 3000K  
35K - White 3500K

### 4 - Lens

20°x20° - 20x20  
40°x40° - 40x40  
20°x40° - 20x40  
180°x180° - 180x180

### 4 - Overall Length

#### With end-cap

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

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



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