



**HLX**  
**HIGH BAY**  
**LINEAR LED**

High Efficiency  
and Versatility



# HLX

DATASHEET  
HIGH BAY LINEAR LED

The HLX is a linear LED luminaire with a compact design and the ability to link to other fixtures while maintaining seamless end-to-end illumination.

## Applications

- Industrial
- Warehouses
- Gymnasiums
- Showrooms
- Shopping Centers

## Wireless Controls

Available wireless controls option includes the integrated SupraLink sensor programmable remotely through Bluetooth using the smartphone app.



## Diffuser

- Without Diffuser (WD)
- Curved Diffuser (CD)

## Light Distribution

- Open Distribution (OD)
- Targeted Distribution (TD)

## Warranty

5-year limited warranty, provided the specifications in the product installation manual have been followed. All other express and implied warranties are disclaimed.

Note: Actual performance may vary with end-user environment and application.





# HLX

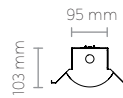
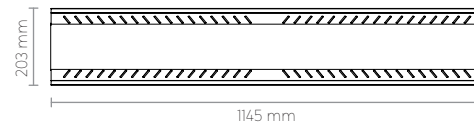
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## Installation

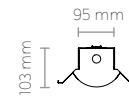
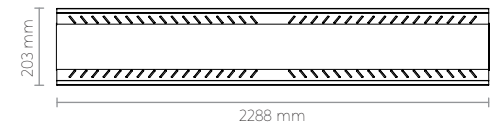
Suitable for suspension by chain, cable, surface mount, single hook point, single drop point, or 3/4-inch conduit. Includes hook for quick fastening with steel cable or chain.

## Models

M4



M8



## Electrical Specifications

- Electrical Driver:
- Operating Voltage: 120-277 V~
- Surge Protection: 2.5 kV
- Dimming Method: 0-10 V
- Dimming Range: 10-100%
- Operating Temperature:  
-20°C to +50°C

## Maintained Lumens

- L90(25°C) = 50,000 hrs.
- L70(25°C) = 166,000 hrs.
- L90(50°C) = 41,000 hrs.
- L70(50°C) = 134,000 hrs.

FAMILY	MODEL	LUMEN CODE	ELECTRIC @120V				ELECTRIC @277V			
			VOLTAGE	PF	THD	NOMINAL WATT	VOLTAGE	PF	THD	NOMINAL WATT
HLX	M4	L04	120 V	0.99	15.0%	28	277 V	0.96	7.0%	27
HLX	M4	L06	120 V	0.99	13.0%	42	277 V	0.97	6.0%	42
HLX	M4	L08	120 V	0.99	10.0%	55	277 V	0.97	6.0%	54
HLX	M4	L09	120 V	0.99	8.0%	61	277 V	0.98	5.0%	60
HLX	M8	L08	120 V	0.99	7.0%	54	277 V	0.97	10.0%	53
HLX	M8	L12	120 V	0.99	6.0%	81	277 V	0.96	9.0%	80
HLX	M8	L16	120 V	0.99	8.0%	105	277 V	0.97	6.0%	104
HLX	M8	L19	120 V	0.99	8.0%	121	277 V	0.98	5.0%	119





# HLX

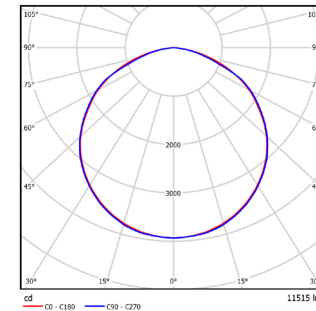
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## Luminous Flux vs. Ambient Temperature

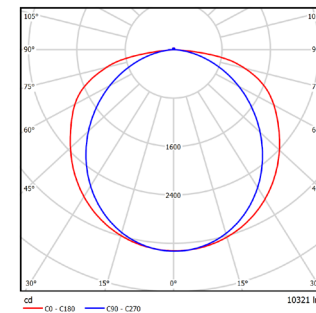
The final luminous flux depends on the ambient temperature where the luminaire is placed. Multiply the factor by the luminous flux of the selected model to make the correction.

TEMPERATURE	CORRECTION FACTOR
25 °C	1
30 °C	0.98
35 °C	0.97
40 °C	0.97
45 °C	0.96
50 °C	0.95
55 °C	0.95
60 °C	0.94

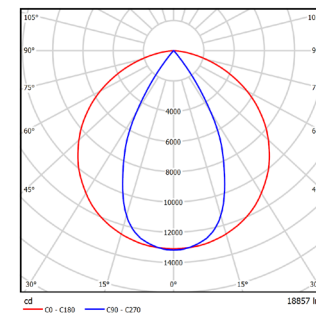
## Light Distribution



Open distribution without cover (without diffuser)



Open distribution with curved diffuser



Targeted distribution

## Performance Information

FAMILY	MODEL	LUMEN CODE	LIGHT DISTRIBUTION	DIFFUSER	CRI	CCT	LUMINOUS FLUX	VOLTAGE	WATTAGE	EFFICACY
HLX	M4	L04	OD	WD	≥80	5000 K	4,745 lm	277 V	27 W	174 lm/W
HLX	M4	L06	OD	WD	≥80	5000 K	7,016 lm	277 V	42 W	168 lm/W
HLX	M4	L08	OD	WD	≥80	5000 K	9,406 lm	277 V	54 W	175 lm/W
HLX	M4	L09	OD	WD	≥80	5000 K	10,372 lm	277 V	60 W	173 lm/W
HLX	M8	L08	OD	WD	≥80	5000 K	9,426 lm	277 V	53 W	177 lm/W
HLX	M8	L12	OD	WD	≥80	5000 K	13,946 lm	277 V	80 W	174 lm/W
HLX	M8	L16	OD	WD	≥80	5000 K	18,285 lm	277 V	104 W	176 lm/W
HLX	M8	L19	OD	WD	≥80	5000 K	20,535 lm	277 V	119 W	172 lm/W
HLX	M4	L04	OD	WD	≥80	4000 K	4,745 lm	277 V	27 W	174 lm/W
HLX	M4	L06	OD	WD	≥80	4000 K	7,016 lm	277 V	42 W	168 lm/W
HLX	M4	L08	OD	WD	≥80	4000 K	9,406 lm	277 V	54 W	175 lm/W
HLX	M4	L09	OD	WD	≥80	4000 K	10,372 lm	277 V	60 W	173 lm/W
HLX	M8	L08	OD	WD	≥80	4000 K	9,426 lm	277 V	53 W	177 lm/W
HLX	M8	L12	OD	WD	≥80	4000 K	13,946 lm	277 V	80 W	174 lm/W
HLX	M8	L16	OD	WD	≥80	4000 K	18,285 lm	277 V	104 W	176 lm/W
HLX	M8	L19	OD	WD	≥80	4000 K	20,535 lm	277 V	119 W	172 lm/W

## Performance Information

FAMILY	MODEL	LUMEN CODE	LIGHT DISTRIBUTION	DIFFUSER	CRI	CCT	LUMINOUS FLUX	VOLTAGE	WATTAGE	EFFICACY
HLX	M4	L04	TD	WD	≥80	5000 K	4,508 lm	277 V	27 W	165 lm/W
HLX	M4	L06	TD	WD	≥80	5000 K	6,665 lm	277 V	42 W	159 lm/W
HLX	M4	L08	TD	WD	≥80	5000 K	8,936 lm	277 V	54 W	166 lm/W
HLX	M4	L09	TD	WD	≥80	5000 K	9,853 lm	277 V	60 W	164 lm/W
HLX	M8	L08	TD	WD	≥80	5000 K	8,955 lm	277 V	53 W	168 lm/W
HLX	M8	L12	TD	WD	≥80	5000 K	13,249 lm	277 V	80 W	165 lm/W
HLX	M8	L16	TD	WD	≥80	5000 K	17,371 lm	277 V	104 W	167 lm/W
HLX	M8	L19	TD	WD	≥80	5000 K	19,508 lm	277 V	119 W	163 lm/W
HLX	M4	L04	TD	WD	≥80	4000 K	4,508 lm	277 V	27 W	165 lm/W
HLX	M4	L06	TD	WD	≥80	4000 K	6,665 lm	277 V	42 W	159 lm/W
HLX	M4	L08	TD	WD	≥80	4000 K	8,936 lm	277 V	54 W	166 lm/W
HLX	M4	L09	TD	WD	≥80	4000 K	9,853 lm	277 V	60 W	164 lm/W
HLX	M8	L08	TD	WD	≥80	4000 K	8,955 lm	277 V	53 W	168 lm/W
HLX	M8	L12	TD	WD	≥80	4000 K	13,249 lm	277 V	80 W	165 lm/W
HLX	M8	L16	TD	WD	≥80	4000 K	17,371 lm	277 V	104 W	167 lm/W
HLX	M8	L19	TD	WD	≥80	4000 K	19,508 lm	277 V	119 W	163 lm/W

## Performance Information

FAMILY	MODEL	LUMEN CODE	LIGHT DISTRIBUTION	DIFFUSER	CRI	CCT	LUMINOUS FLUX	VOLTAGE	WATTAGE	EFFICACY
HLX	M4	L04	OD	CD	≥80	5000 K	4,223 lm	277 V	27 W	155 lm/W
HLX	M4	L06	OD	CD	≥80	5000 K	6,244 lm	277 V	42 W	149 lm/W
HLX	M4	L08	OD	CD	≥80	5000 K	8,371 lm	277 V	54 W	156 lm/W
HLX	M4	L09	OD	CD	≥80	5000 K	9,231 lm	277 V	60 W	154 lm/W
HLX	M8	L08	OD	CD	≥80	5000 K	8,389 lm	277 V	53 W	157 lm/W
HLX	M8	L12	OD	CD	≥80	5000 K	12,412 lm	277 V	80 W	155 lm/W
HLX	M8	L16	OD	CD	≥80	5000 K	16,274 lm	277 V	104 W	157 lm/W
HLX	M8	L19	OD	CD	≥80	5000 K	18,276 lm	277 V	119 W	153 lm/W
HLX	M4	L04	OD	CD	≥80	4000 K	4,223 lm	277 V	27 W	155 lm/W
HLX	M4	L06	OD	CD	≥80	4000 K	6,244 lm	277 V	42 W	149 lm/W
HLX	M4	L08	OD	CD	≥80	4000 K	8,371 lm	277 V	54 W	156 lm/W
HLX	M4	L09	OD	CD	≥80	4000 K	9,231 lm	277 V	60 W	154 lm/W
HLX	M8	L08	OD	CD	≥80	4000 K	8,389 lm	277 V	53 W	157 lm/W
HLX	M8	L12	OD	CD	≥80	4000 K	12,412 lm	277 V	80 W	155 lm/W
HLX	M8	L16	OD	CD	≥80	4000 K	16,274 lm	277 V	104 W	157 lm/W
HLX	M8	L19	OD	CD	≥80	4000 K	18,276 lm	277 V	119 W	153 lm/W



## Performance Information

FAMILY	MODEL	LUMEN CODE	LIGHT DISTRIBUTION	DIFFUSER	CRI	CCT	LUMINOUS FLUX	VOLTAGE	WATTAGE	EFFICACY
HLX	M4	L04	TD	CD	≥80	5000 K	4,012 lm	277 V	27 W	147 lm/W
HLX	M4	L06	TD	CD	≥80	5000 K	5,932 lm	277 V	42 W	142 lm/W
HLX	M4	L08	TD	CD	≥80	5000 K	7,953 lm	277 V	54 W	148 lm/W
HLX	M4	L09	TD	CD	≥80	5000 K	8,770 lm	277 V	60 W	146 lm/W
HLX	M8	L08	TD	CD	≥80	5000 K	7,970 lm	277 V	53 W	150 lm/W
HLX	M8	L12	TD	CD	≥80	5000 K	11,791 lm	277 V	80 W	147 lm/W
HLX	M8	L16	TD	CD	≥80	5000 K	15,460 lm	277 V	104 W	149 lm/W
HLX	M8	L19	TD	CD	≥80	5000 K	17,362 lm	277 V	119 W	145 lm/W
HLX	M4	L04	TD	CD	≥80	4000 K	4,012 lm	277 V	27 W	147 lm/W
HLX	M4	L06	TD	CD	≥80	4000 K	5,932 lm	277 V	42 W	142 lm/W
HLX	M4	L08	TD	CD	≥80	4000 K	7,953 lm	277 V	54 W	148 lm/W
HLX	M4	L09	TD	CD	≥80	4000 K	8,770 lm	277 V	60 W	146 lm/W
HLX	M8	L08	TD	CD	≥80	4000 K	7,970 lm	277 V	53 W	150 lm/W
HLX	M8	L12	TD	CD	≥80	4000 K	11,791 lm	277 V	80 W	147 lm/W
HLX	M8	L16	TD	CD	≥80	4000 K	15,460 lm	277 V	104 W	149 lm/W
HLX	M8	L19	TD	CD	≥80	4000 K	17,362 lm	277 V	119 W	145 lm/W

## Ordering Information

Example Order:

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

HLX-M8-L19-OD-CD-850-MV-SL

Code:

① **Family**

HLX

② **Model**

M4: 4 feet

M8: 8 feet

③ **Lumen Code**

**For M8**

L19: ≥19,000 lm

L16: ≥16,000 lm

L12: ≥12,000 lm

L08: ≥8,000 lm

**For M4**

L08: ≥8,000 lm

L09: ≥9,000 lm

L06: ≥6,000 lm

L04: ≥4,000 lm

④ **Light Distribution**

OD: Open Distribution

TD: Targeted Distribution

⑤ **Diffusers**

WD: Without Diffuser

CD: Curved Diffuser

⑥ **Color Code**

850: CRI: 80 and CCT: 5000 K

840: CRI: 80 and CCT: 4000 K

⑦ **Voltage**

MV: 120 - 277 V~

⑧ **Accessories**

ED: Emergency Driver

SP10: Surge Protector 10 kV

SL: SupraLink

IS: Intelligent Sensor

WMS: Wide Motion Sensor

NMS: Narrow Motion Sensor



# Contact

Corporate Headquarters:

500 W 2nd St

Floor 19

Austin, TX 78701

Phone: (512) 870-9827

Manufacturing Facility:

Av Abraham Lincoln

66023 García, Nuevo León

Mexico



Supra Lighting Incorporated

[info@supralighting.com](mailto:info@supralighting.com)

[service@supralighting.com](mailto:service@supralighting.com)

[www.supralighting.com](http://www.supralighting.com)