

HARRIS MULTIPURPOSE LINEAR, GEN 2

MPHL2

Applications

The HARRIS MPHL2 multipurpose linear fixture is ideal for low bay, assembly line, strip, surface mount or task options in warehouse, commercial, and retail environments where linear lighting is needed. This manufactured product meets the Build America, Buy America (BABA) requirement.

Project Name:	
Catalog Number:	
Type:	
Note:	
Date:	



MPHL2403LUNVFD850LAFGHWS-P-BABA



Construction & Design

- This is a manufactured product in the United States that meets the 55% threshold for Build America Buy America (BABA) compliance
- Acrylic frosted contour lens comes standard that provides even light distribution
- Metal housing with white finish
- Fixture can be surface mounted
- Plastic end caps available

Additional Options

- Field installed Battery Back Up available in 10w, Certified in CA Title 20 [not BABA Compliant]
- Single or bulk packaging available to suit job installation needs

Electrical

- Available in 120v-277v
- Full Dimming [0-10v] drivers
- Power Factor >0.9*
- Total Harmonic Distortion < 20%*

*Note: Varies based on option

Lumen Maintenance

See Lumen Maintenance table on page 2

Fixture Certification & Listings

- UL/cUL Listed for Damp Locations
- Build America Buy America Compliant
- DesignLights Consortium™ Standard qualified luminaire
- Visit the [DLC QPL](#) for listed models

Warranty

See Orion's [Product Limited Warranty](#) for more details and information

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Performance Information, LAFG 120v, 4000K, ≥80 CRI¹

Nominal Lumen Code	Wattage	Actual Lumens	LPW	Input Current
4'				
02L	14w	1,878lm	136	0.12A
03L	21w	3,028lm	145	0.18A
04L	26w	3,641lm	142	0.21A
06L	38w	5,363lm	141	0.32A
8'				
04L	26w	4,053lm	155	0.22A
06L	38w	5,738lm	151	0.32A
09L	59w	8,553lm	145	0.50A
12L	77w	11,351lm	148	0.65A

Lumen Maintenance with Lens²

Fixture Size	Nominal Lumen Code	Nominal Lumens	Operating Temperature	Calculated Lumen Maintenance		
				L70	L80	L90
4'	02L	2,000	25°C	238,000	149,000	71,000
			55°C	238,000	149,000	71,000
4'	03L	3,000	25°C	238,000	149,000	71,000
			55°C	238,000	149,000	71,000
4'	04L	4,000	25°C	238,000	149,000	71,000
			55°C	238,000	149,000	71,000
4'	06L	6,000	25°C	238,000	149,000	71,000
			55°C	238,000	149,000	71,000
8'	04L	4,000	25°C	238,000	149,000	71,000
			55°C	238,000	149,000	71,000
8'	06L	6,000	25°C	238,000	149,000	71,000
			55°C	238,000	149,000	71,000
8'	09L	9,000	25°C	238,000	149,000	71,000
			55°C	238,000	149,000	71,000
8'	12L	12,000	25°C	238,000	149,000	71,000
			55°C	238,000	149,000	71,000

Additional Specification Information

¹ Actual performance may vary by up to ±10% of values listed; facility factors and fixture options can affect performance values.

² Calculated hours based on TM-21 projections and components used at the time of testing. Warranty is not associated with Calculated Lumen Maintenance

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Physical Information

Fixture Size	Length	Width	Depth	Weight ³
4'	46.00"	2.70"	3.75"	6.60lbs.
8'	92.00"	2.70"	3.75"	13.20lbs.

Ambient Operating Temperatures

Nominal Lumen Code	UNV	Field Installed Battery Back Up
02L/03L/04L/06L/ 12L	-20°C - 55°C [-4°F - 131°F]	Min. Operating Temp. 0°C [32°F]
09L	-20°C - 50°C [-4°F - 122°F]	

Ordering Information Example (NOTE: No dashes or spaces unless noted below)

MPHL2403LUNVFD850LAFGHWSP-BABA

Ordering Information (Enter Selected Catalog Number Below)

Series	Fixture Size	Nominal Lumen Code ⁴	Voltage	Driver Type	CRI; Color Temp	Lens Options	Power Connection	Fixture Options	Packaging Options	Fixture Certifications
MPHL2= HARRIS LED Multipurpose Linear, Gen 2	4= 4' 8= 8'	4' 02L= 2,000lm 03L= 3,000lm 04L= 4,000lm 06L= 6,000lm 8' 04L= 4,000lm 06L= 6,000lm 09L= 9,000lm 12L= 12,000lm	UNV= 120v-277v	FD= Full Dimming 0-10v	835= 80CRI; 3500K 840= 80CRI; 4000K 850= 80CRI; 5000K	LAFG= Lens, Acrylic Frosted General 120°	HW= Hardwire	(Blank)= No Option PC= Plastic End Caps	(Blank)= Bulk Pack SP= Single Pack	-BABA= Buy America Build America Compliant <u>Note: This is a manufactured product in the United States that exceeds the 55% threshold for Buy America [BABA] compliance</u>

Additional Specification Information

³ Weight will vary based on option selection

⁴ For actual lumens, see performance table

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Fixture Options (Factory Installed)



Plastic End Caps
(PC)

Not BABA Compliant Accessories (Field Installed)

Field Installed Battery Back Up Kit	
MPHL2-UNV-BB10-KIT	Battery Back Up Kit, 10w for Field Installation



Battery Back Up
(MPHL2-UNV-BB10-KIT)

Photometrics

Visit orionlighting.com to obtain all .IES files

4' 04L 850 LAFG

