

LED

Features and Specifications

Applications

Replacement for HID, T5 or T8 fixtures. Wide thermal operating range from -31°F to 149°F [-35°C to 65°C]. Provides 0-10v full-range dimming option as well as complete shutdown and instant startup across all temperature ranges.

Certifications & Listings

- UL Listed for Damp Locations
- Designlights Consortium® qualified

Patent Information

Orion is serious about intellectual property. This product may be covered by one or more patents. Patent information available at <http://www.orionlighting.com/about/patents>

Construction

Durable, lightweight aluminum frame. Black thermoset powder-coat finish.

Electrical

Available in 120v-277v. Fixtures with full range dimming are standard with a 5-pin platform connection. Non-dimming fixtures are standard with a 4-pin platform connection.

Rated Life

150,000 hours per L70 TM-21 @ 25° C.

Optics

Available with aisle application lens.

Warranty

Orion LED ISON™ Class fixtures are covered by a ten-year limited warranty. Accessories and individual components are covered by separate OEM supplier warranties.



Required Ordering Information

1	Select	<u>LED</u>
Series		
LED	LED Fixture	

2	Select	<u>8</u>
Number of Arrays		
8	8 Arrays	

3	Select	<u>6</u>
LED Chips per Array		
6	6 Chips per Array	

4	Select	<u>A3</u>
Application		
A3	Aisle application lens	

5	Select	<u> </u>
Full Dimming Capability		
ND	Nondimming	
D	Full-Range Dimming	

6	Select	<u>100</u>
Output		
100	Standard Output (8 Array)	

7	Select	<u> </u>
Voltage		
[Blank]	120-277v	

8	Select	<u> </u>
Mounting Hardware Options		
-31A	Wire Hangers 25-31"	
-37A	Wire Hangers 31-37"	
-46A	Wire Hangers 40-46"	
[Blank]	None supplied or order Hanging Method separately	

9	Select	<u> </u>
Power Supply		
[Blank]	Platform Connection	
-HW	Hardwired	
-MNL	Mate-N-Lok	
Note: "MNL" only available on "NDX" driver type		

Options (Sold Separately)

Additional fixture accessories available*. Click on the below [hyperlinks](#) to view our expanded product offering:

Power Supply

- 6' Whip
- 11' Whip
- Straight Blade Plug
- Twist Lock Plug

Mounting Options

- Adjustable Y Wire Hangers
- 19" Aircraft Cable
- 31" Aircraft Cable
- Pendant Mount
- Rigid Mount
- Adjustable Wire Hangers (various lengths)

Controls

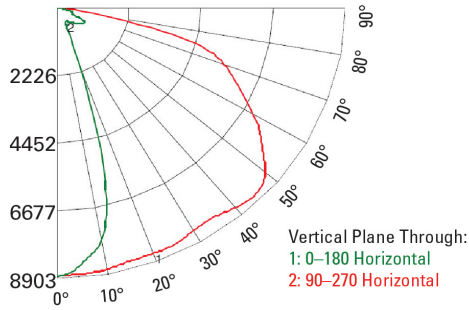
- End Mounted and Integrated Motion Sensor



Performance Information²

Series	Arrays	LED Chips Per Array	Input Voltage	Input Power	Input Current	Power Factor	Light Output	CCT	LPW	CRI	Length	Width	Depth	Weight ²
LED ⁶	8	6	277v	103W	0.47A	≥0.90	11,590lm	5000K	113	≥70	35.60"	13.67"	3.0"	8.7 lbs.

Photometrics



Additional Specification Information

¹ Actual performance may vary by up to ±10% of values listed.

² 120-277 voltage standard. Also available for 347v or 480v systems with addition of optional transformer (sold separately; increases overall weight by two pounds and wattage consumption by approximately 5%).