

data sheet:

Metrolight Smart EcoPOD™ High Bay HID Fixture

Smart EcoPOD™ Delivers Significant Energy Savings
Advanced Control for Maximum Efficiency

The Metrolight Smart EcoPOD is an elegant, yet rugged, high-bay fixture that can reduce energy costs by 40% to 65%. Used in both new and retrofit applications, the EcoPOD offers many benefits including energy savings, cost effectiveness, longer lamp life, and advanced control for maximum power. Powered by Metrolight's Smart HID™ Electronic Ballast, the EcoPOD:

- Reduces energy bill by up to 65%
- Reduces carbon footprint
- Achieves superior controllability and energy management
- Reduces peak demand by 40-60%
- Enables tie in with demand response systems

The EcoPOD provides intelligent control capabilities that deliver an additional and significant energy saving advantage. Metrolight's leading edge dimming control feature offers dimming in accordance to human activity, daylight harvesting regimes, and interactive operation mode lighting systems.

Furthermore, the EcoPOD technology is based on the industry accepted MADLI open protocol which interfaces with numerous control software applications enabling greater energy savings. In addition, the EcoPOD can easily integrate with 3rd party control infrastructure solutions such as wireless, RF, PLC, and other communication technologies.

The EcoPOD is ideally suited for lighting indoor spaces such as warehouses, factories, assembly areas, food processing plants, hangers, large retail stores, gyms and athletic facilities.

System Performance Guide

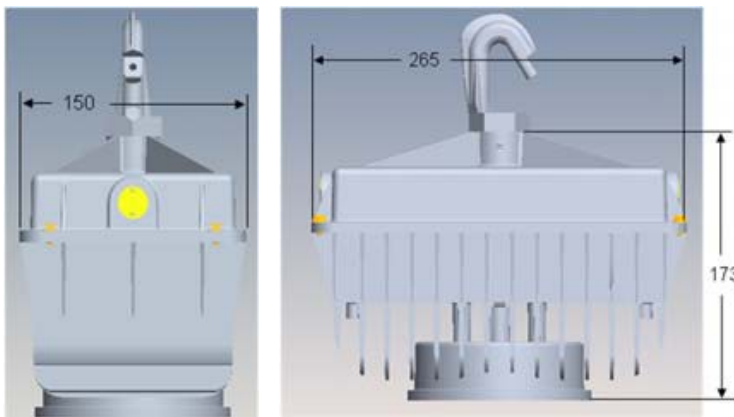
Lamp Wattage	Lumen Maintenance	Fixture Efficiency	Max Ambient	Fixture Input @ 100%	Fixture Input @ 50%
100W HPS	>90%	93%	40°C	109W	55W
150W HPS	>90%	93%	40°C	161W	80W
200W MH	>90%	93%	40°C	215W	108W
250W MH/HPS	>90%	93%	40°C	269W	136W
320W MH	>90%	93%	40°C	344W	172W
350W MH	>90%	93%	40°C	375W	188W
400W MH/HPS	>90%	93%	40°C	430W	213W
450W MH	>90%	93%	40°C	484W	239W

Compare to Magnetic HID Lighting

mHID Lamp Wattage	Lumen Maintenance	Fixture Efficiency	Fixture Input @ 100%	eHID Equivalent
250W	65%	82%	295W	125-150W
320W	65%	82%	365W	200-250W
350W	65%	82%	400W	200-250W
400W	65%	82%	458W	200-350W
1000W	65%	82%	1090W	400-450W

* Actual wattage is determined by site specific lighting requirements

Dimensions (in mm)



Width: 150mm/5.9in
Length: 265mm/10.4in
Height: 173mm/6.8in



Accessories

- 16" Aluminum Reflector
- 16" Acrylic Refractor
- 22" Aluminum Reflector
- 22" Acrylic Refractor
- Optional Lenses

Control

- Optional Low Voltage Control
- Optional Sensors
- Optional Digital Control

Certificates

- Listed to U.S. and Canadian safety standards



Shipping Weight

- ~13 lbs/5.9 kg

Notes

- When ordering, specify wattage and each accessory required

Cat.#: EcoPODDataSheet Rev: 08Dec11