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## Metrolight Smart EcoBOX™ Remote Mounting Box

EcoBOX™ Delivers a Cost Effective Solution -  
Reuse Existing Fixture Bodies for Best Energy Savings

The Metrolight Smart EcoBOX™ is a weatherproof, rugged and IP-65 rated remote mounting box. The EcoBOX™ offers many benefits including energy savings, cost effectiveness, longer lamp life, and advanced control to maximize efficiency. Powered by Metrolight's Smart HID™ Electronic Ballast, the EcoBOX™:

- 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

A key advantage of the EcoBOX™ is that it was specifically designed for new and retrofit applications, which enables the reuse of existing fixture bodies without damaging the envelope and maintaining photometric design and UL certification.

The EcoBOX™ enables a mounting distance of up to 50 ft when remote mounting on a light pole. The EcoBOX™ is ideally suited for auto dealership lots, parking lots, gas stations, flood lights and other areas where a remote ballast housing is required.

## Advanced Controllability

Powered by Metrolight's SmartHID™ Electronic Ballast, the EcoBOX™ provides intelligent control capabilities. Metrolight's leading edge dimming control feature provides an additional and significant energy saving advantage. Dimming can be controlled in accordance to human activity, daylight harvesting regimes, and interactive operation mode lighting systems.

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

## System Performance Guide

Lamp Wattage	Lumen Maintenance	Fixture Efficiency	Max Ambient	Fixture Input @ 100%	Fixture Input @ 50%
100W HPS	>90%	93%	55°C	109W	55W
150W HPS	>90%	93%	55°C	161W	80W
200W MH	>90%	93%	55°C	215W	108W
250W MH/HPS	>90%	93%	50°C	269W	136W
320W MH	>90%	93%	45°C	344W	172W
350W MH	>90%	93%	45°C	375W	188W
400W MH/HPS	>90%	94%	40°C	426W	213W
450W MH	>90%	94%	40°C	478W	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



### Mounting Options

- Strap
- Roof-Mount
- Mount Inside Large Pole

### Available Colors

- Black (stock) BLK
- White WHT
- Grey GRY
- Bronze BRZ

### Optional Controls

- Low Voltage Control
- Occupancy Sensors
- Daylight Harvesting Sensors
- Zoning Control
- Digital Control

### Dimensions

- 14" W x 6 3/8" H x 6" D/  
35cm W x 15cm H x 15cm D

### Shipping Weight

- 4 lbs/1.82 kg empty
- ~7 lbs/3.2 kg with ballast

### Notes

- When ordering, specify wattage and each accessory required

