

# Econo Star

## Benefits:

- Local utility rebates
- 50% - 75% energy savings
- Improved light uniformity
- High efficiency luminaire with 2 thru 6 lamp in 14-49watts
- Cold weather electronic ballast
- Superior visual acuity
- Improved lumen maintenance
- Longer service life
- No out of pocket expense  
Pay with your monthly energy savings

## Features:

- Uses T5HO technology to get comparable light levels
- Precision fabricated and formed aluminum housing
- Powder coat finish provides excellent corrosion resistance and durability
- Heavy duty aluminum body provides excellent heat dissipation, maximizing ballast & lamp life
- Forward throw optics



Heavy Cast Fitter



Fully Adjustable

## FLUORESCENT ADVANTAGES

The Econo Star fluorescent family of luminaires have several advantages over traditional HID; energy savings, instant on and re-strike, improve visual acuity, better lumen maintenance, longer lamp life, and more economical controls and compatibility. Fluorescent also has a proven track record and a cost advantage over some emerging light source technologies.

- Provides auto dealers and other retailers a viable option to replace short life 1000 watt metal halide lamps that operate at 1080 watts.
- Offered with a full range of custom color to integrate into your project color palette.
- Sculpted sleek look for architectural appeal and minimize wind loading.
- Heavy duty aluminum body and mounting arm provides excellent heat dissipation and maximum ballast life.
- Post production powder coat finish provides excellent corrosion resistance and durability.
- Easy access to the lamps and electrical cavity. The heavy duty door frame provides access from below, opens easily, and secures tightly when closed.
- T5 application = 36,000 hours (based on 12 hour starts), lower energy consumption, no color shift, 85+ CRI full spectrum color.
- -20 deg. starting: Enhanced cold weather performance using the amalgam technology T5HO lamps (optional)

Existing Area Light System	Lamp Qty & Type	Initial Lamp Lumens	Lumen Maintenance	EOL(1) Lumens All Lamps	Total Fixture Lumens	Ballast Factor	Fixture Efficiency	EOL (1) Lumens Per Fix.	S/P (2) Ratio	Net (3) EOL Lumens	Fix. Input Watts
MH400	1/Std. MH400	38,000	58%	22,040	22,040	1.00	0.75	16,530	1.49	22,561	458
HPS 400	1/Std. HPS400	50,000	70%	35,000	35,000	1.00	0.75	26,250	0.62	18,080	464
MH1000(16k hrs)	1/Std. MH1000	110,000	26%	28,600	28,600	1.00	0.75	21,450	1.49	29,276	1080
MH1000(12k hrs)	1/Std. MH1000	110,000	37%	40,700	40,700	1.00	0.75	30,525	1.49	41,662	1080
MH1000(8k hrs)	1/Std. MH1000	110,000	50%	55,000	55,000	1.00	0.75	41,250	1.49	56,300	1080
MH1000(4k hrs)	1/Std. MH1000	110,000	72%	79,200	79,200	1.00	0.75	59,400	1.49	81,072	1080

Proposed Area Light System	Lamp Qty & Type	Initial Lamp Lumens	Lumen Maintenance	EOL(1) Lumens All Lamps	Total Fixture Lumens	Ballast Factor	Fixture Efficiency	EOL(1) Lumens Per Fix.	S/P(2) Ratio	Net(3) EOL Lumens	Fix. Input Watts
5L-T5HO	5/F54T5HO	5,000	95%	4,750	23,750	1.00	0.82	19,475	1.62	28,331	293
6L-T5HO	6/F54T5HO	5,000	95%	4,750	28,500	1.00	0.82	23,370	1.62	33,997	351

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