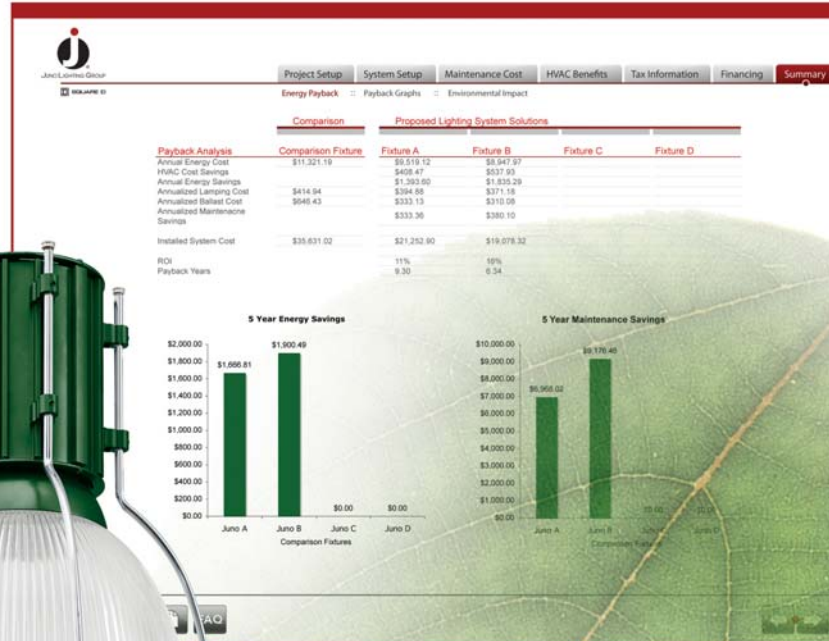


Energy™

Plus-Calculator

Powered by Juno Lighting Group



JUNO LIGHTING GROUP
by Schneider Electric

Information at your fingertips

The Energy Plus-Calculator is easy to use. To get started, simply select and enter fixture specific data—ranging from project information to building and space setup. Then, with just a few clicks of the mouse, you can compare your base system with up to four different solutions. Furthermore, you will be able to calculate energy savings, understand potential tax benefits, and analyze the environmental impact of your solution.

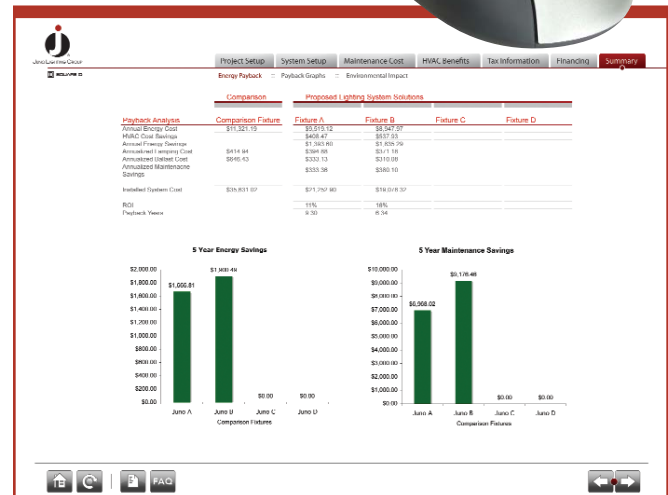
The Energy Plus-Calculator delivers comprehensive reports on short and long-term energy costs that affect your company's bottom line.

Your report is customized based on measurements from categories such as:

- Building information
- Fixture comparisons
- Lighting controls
- Energy comparisons
- HVAC factors
- Maintenance time and costs
- Environmental impact
- Energy Policy Act (EPA 2005)
- Rebates
- Financing



Fixture Specification	Base System	Fixture A	Fixture B	Fixture C	Fixture D
Product Family	250W HPS	ECOLOGY	DURA	ECOLOGY	ECOLOGY
Lamp Type	250W High pressure sodium highway street lamp	400W MH public area, coated lens	400W MH public area, coated lens	17" recessed	17" recessed
Description		18" aluminum reflector ballast	18" aluminum reflector ballast	18" aluminum reflector ballast	18" aluminum reflector ballast
Part Number	HS-400-250-10	HS-400-250-10	HS-400-250-10	HS-400-250-10	HS-400-250-10
Fixture Information					
Number of lamps per fixture	1	1	1	1	1
Initial lumens / lamp	6,100	41,000	39,000	6,100	6,100
Rated watts	1	1	1	1	1
Fixture Efficiency %	82.0%	73.7%	83.2%	82.0%	82.0%
Lamp Lumen Depreciation	82.0%	80.0%	80.0%	82.0%	82.0%
Light Loss Factor	0.828	0.81	0.81	0.828	0.828
Ballast Loss	12.0%	34.4%	28.3%	12.0%	12.0%
System Information Summary					
Number of Fixtures	80	80	43	80	80
Total System Lumens	985,000	1,785,373	1,312,344	985,000	985,000
Input Watts per Fixture	300	452	452	300	300
Wattage per Fixture	5,760	5,492	5,484	5,760	5,760
System Maintenance	28,878	23,60	21,24	28,878	28,878
Lumens per Watt	41.67	39.1%	38.0%	41.67	41.67
Lumens per Watt	20.15	34	30	20.15	20.15



Graphs are examples from an Energy Payback analysis.

Energy[™]
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Start implementing better lighting solutions today

The Energy Plus-Calculator is the tool you need to design more energy-efficient, investment-minded lighting solutions. Visit www.junolightinggroup.com today to download the program. The Energy Plus-Calculator home page can be reached via the Energy Resources menu. There you will also find an interactive tutorial, further support links and valuable energy efficient tools. The Energy Plus-Calculator is a PC-based application available for use in U.S., Mexico, and Canadian markets.

The Energy Plus-Calculator, Powered by Juno Lighting Group, was created in conjunction with Echo Visualization.

