

REPLACEMENT FIXTURES AND CONVERSION KITS

UPGRADE HIGH & LOW PRESSURE SODIUM AND METAL HALIDE STREET LIGHTING.

DECORATIVE POSTS

For Decorative Post Lights we recommend 'Dark Sky' LED or Induction light engines.

It is often easier to replace the entire fixture. For HERITAGE/HEIRLOOM fixtures Premier will quote on replacement kits. A complete fixture will be needed to design a test model for which minimal charges will be billed.

ROADWAY COBRA HEAD FIXTURES

For Roadway 'Cobra Head Fixtures' up to 35 feet high Premier recommends Induction light replacement heads from 70 Watts to 200 Watts. Premier can also provide LED replacement heads for heights below 20 feet.

Note: Our fixtures can be painted to match any color scheme.



Raymon Salamanca, Designer/technician, installs a test LED light engine in a popular "acorn fixture"

STREET LIGHT UPGRADE KITS

ESTIMATING ANNUAL SAVINGS AND PAYBACK

- ESTIMATED SAVINGS OVER A FOUR YEAR PERIOD BY REPLACING A 75 WATT HPS LAMP WITH OUR 40 INDUCTION LAMP OR A 32 LAMP LED LIGHT ENGINE
- AVERAGE PAYBACK TIME AT \$0.10 PER KW: LESS THAN THREE YEARS
- OTHER BENEFITS; COLOR ENHANCING FULL SPECTRUM LIGHT AND CONVERSION TO DARK SKY COMPLIANT. PLEASE SPECIFY!



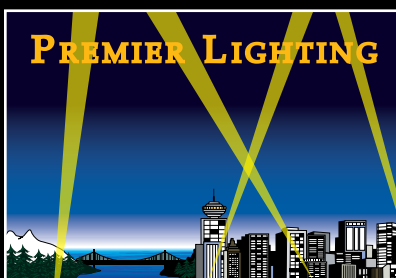
75 Watt high pressure sodium before conversion.
Total wattage: 87 watts



32 LED fixture after conversion, Total wattage: 43 watts

LIGHTING DEMONSTRATIONS:

Contact us and choose from a selection of common street lights to test under actual conditions Upon receipt of a PO we will forward them to you so you can perform on site measurements and comparisons. We will also help you research applicable rebates from local utilities and/or government assistance programs so you can calculate potential savings and payback times.

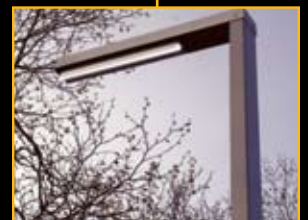
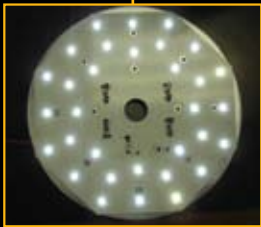


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PREMIER LIGHTING

Custom Architectural Lighting, Design & Manufacture



Long Life, Energy Saving Solutions
LED, Induction & 100,000 Hour Fluorescent, Full Spectrum Lighting

PROUD SUPPLIER SITE OF THE OPENING & - 2010 WINTER

2010 WINTER GAMES STADIUM EXTERIOR

50 X 10, 000 LUMEN CUSTOM LED PLAZA LIGHTING

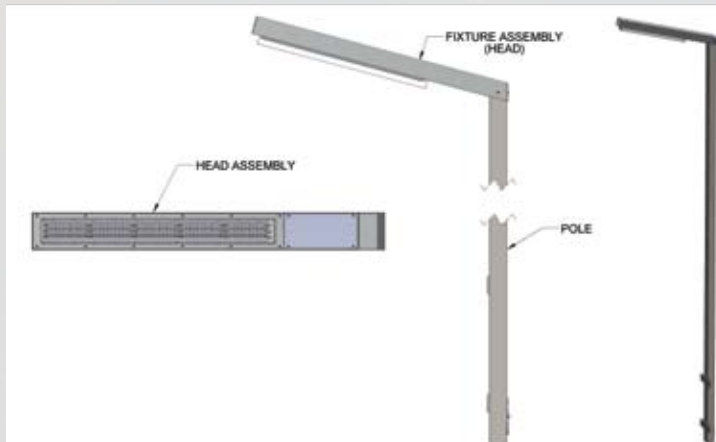
These stylish Cobra Heads contain 75 of the newest, brightest LED's available, producing 10,000 lumens of directed white light while consuming only 121 Watts of power. Each fixture contains a surge protector to guard against voltage spikes.

The units are mounted on a 15 degree angle on 20 ft X 6" X 4" steel poles. Shorter, smaller versions of the same light are available. See chart below.

DRIVER: 450 Milliamp

FEATURES

- BODY: 1/8" aluminum
- PAINT: Weather resistant powder coat
- LED's: 100 lumen Philips Luxion Rebels
- LENS: Heavy duty acrylic "crepe"



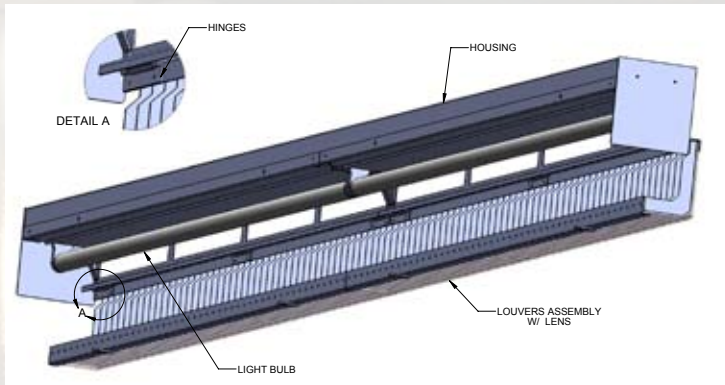
PART NO.	# OF LED'S	DIMENSION	LUMENS	VOLTAGE
BP90015 75LED	75	48" X6" X4"	10,000	120/277V
BP90015 60LED	60	30" X6" X4"	8,000	120/277V
BP90015 30LED	30	18" X6" X4"	4,000	120/277V

ER TO BC PLACE, E CLOSING CEREMONIES TER GAMES

2010 WINTER GAMES STADIUM INTERIOR

10,000 LINEAR FEET OF CUSTOM RAMP LIGHTING

These stylish T8, hinged, light weight louvered aluminum ramp lights were designed for CORNER and WALL MOUNTING. They come in several unique configurations depending on the width of the hallway and the level of forward or back lighting needed!



The one lamp or two lamp hallway fixtures can be row mounted on 4 ft or 8 ft back boxes onto which the 4 ft louver assemblies clip seamlessly.



A highly polished spectral reflector directs the light and a heavy duty acrylic lens protects the louvers. Bulbs are changed by simply hinging the fixture open.



To highlight anterior walls a diffuser covered window is available in one lamp models only.



To further reduce glare the fixtures may be ordered with a crepe lenses as shown.



FIXTURE NO.	TYPE	LAMPS	VOLTAGE	LUMENS
HB 81501 132E	4 ft X 1 lamp	1 X 32W T8	120/347V	2950
HB 81502 232E	4 ft X 2 lamp	2 X 32W T8	120/347V	4900

Specify: Backlight (EBL), Crepe (CR) or Clear Lens (CL), and No. of End Caps.
75,000 hour Kumho T8 lamps available from 3000K to 5000K.

STREET LIGHT UPGRADE KITS

21ST CENTURY LIGHTING TECHNOLOGIES – THE PROMISE OF A BRIGHTER, MORE ENERGY EFFICIENT FUTURE HAS FINALLY ARRIVED.

Premier Lighting is proud to present three Ultra Long-Life, Full Spectrum, lighting solutions at very reasonable prices as replacements for Mercury Vapor (MV), metal Halide (MH) and High Pressure Sodium (HPS). These new technologies have five times the life, half the power consumption and a quality of light that improves visual acuity and increases night time activity safety. The US department of Energy now accepts “Scotopic” night time vision which is greatly enhanced by full spectrum lighting in low light conditions.

ABOUT OUR LIGHT ENGINES

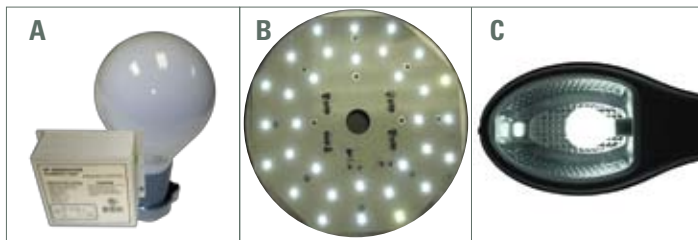


RF can be added as an energy saving Feature to any of our LED street lights or garage lighters at a very small cost. Typically a photocell, timer or infrared sensor activates an RF Sender to signal a group of LED fixtures to dim by 50% saving energy while greatly extending the life of the LED's. The range of the RF signal is 100 Meters.

Premier's LED Light Engines use the brightest, most energy efficient LED's available. These are arranged in a unique spiral pattern and are step dimmable so they can be radio controlled via a motion detector or RF (radio frequency). This extends the life to the LED's well beyond the 50,000 hour manufacturer's warranty. Premier's Induction Light Engines produce an ultra white full-spectrum light and at a 100,000 hours projected life are the most long lasting lighting system available. Check the chart below:



Radio Frequency Enabled



SHARED OPTIONS

- Photocells
- Motion detectors
- Electronic timers



Radio Frequency Enabled

UPGRADE EXISTING DECORATIVE STREET LIGHTS WITH REPLACEMENT FIXTURES OR CUSTOM LIGHT KITS:

SEE CHARTS BELOW TO AID WITH SELECTION

- CHOOSE A 70 WATT, 100 WATT OR A 150 WATT INDUCTION LAMP WHICH WILL OPERATE ON 120/208/240/277 VOLTS.
- OR CHOOSE AN LED LIGHT ENGINE, WITH 40 PHILIPS LUMILED REBEL LED'S, WHICH WILL OPERATE ON 120/208/240/277 VOLTS.
- INDUCTION COBRA HEADS. CHOOSE FROM A 70WATT,100WATT, OR 150WATT REPLACEMENT HEAD, WHICH WILL OPERATE ON 120/208/240/277 VOLTS.

The chart below plots the relative efficiency (Adjusted Lumen Output) of each lighting option, taking into account the Maintained Lumens and the Color Rendering Index (useful light, visible to the human eye) after 10 0000 hours of operation.

LAMP SYSTEMS	TOTAL WATTS	INITIAL LUMENS	M.L. (AVG.)	LUMENS PER WATT	C.R.I	A.L.U PER WATT	LAMP LIFE (HRS.)	LAMP LIFE @ 12HOURS/ DAY
MERCURY VAPOUR 175W	200	7900	7400	37.0/watt	45%	16.7/watt	24,000	5.5Years
HIGH PRESSURE SODIUM 150W	181	12,000	10,800	63.5/watt	60%	38.1/watt	15,000	3.5 Years
METAL HALIDE 150W	185	14,000	10,500	56.8/watt	85%	48.28/watt	20,000	4.5 Years
COMPACT FLUORESCENT 120W	139	9,000	7,740	55.7/watt	82%	45.67/watt	20,000	4.5Years
LED'S 40 X 1.62W	65	4,540	4,100	80/watt	90%	72/watt	70,000	16 Years
INDUCTION LAMP 70W	70	5,250	4,780	70/watt	90%	63/watt	100,000	23 Years

M.L = MAINTAINED LUMENS: Lumen output of lamp after depreciation period C.R.I = COLOR RENDERING INDEX: Useful light output adjusted for light in perceptible color range
A.L.U = ADJUSTED LUMEN OUTPUT: Allowing for lamp degradation and color distortion

POST & STREET LIGHTS "DECORATIVE"

FEATURES

- Cast aluminum fitter
- Acrylic or polycarbonate lenses
- 8" or 9" Diameter fitters
- 23.16" high x 15.9" diameter
- Listed for wet locations

OPTIONS

- Standard Premier color chart finishes
- Power Smart, Energy Star, Title 24 approvals
- Custom arm configurations
- Custom colors, please provide paint chip
- 120-277 volt electronic ballasts



BP52731
Decorative Post Light



Radio Frequency Enabled

Fixture Dimensions

23.16" high x 15.9" diameter
23.16" high x 15.9" diameter
Colors: Black

BP52732
Decorative Post Light

FEATURES

- UL listed for wet locations
- Aluminum reflector is designed for maximum photometric efficiency and optimum light distribution
- Precision diecast aluminum housing with powder coating finish
- Heat impact borosilicate glass lens

OPTIONS

- Dusk to dawn w/twist-lock photo control



Fixture Dimensions

29" L x 11" H x 14"D

BP90003
Cobra Head Street Light with dropped lens



Fixture Dimensions

29" L x 11" H x 14"D

BP90001
Cobra Head Street Light with flat lens



Fixture Dimensions

8 1/4" H x 13 3/4" W x 23 3/4" L
9" H x 18" W x 31 3/4" L
Colors: Bronze Powder Coat

BP90006
Stylized Wall Bracket /Cobra Head

PART NO.	LAMP	+ WATTS	LUMENS	COLOR TEMP.	VOLTAGE
BP52731, BP52732	INDUCTION	70, 100	4695, 7500	5000K	120-277 Volts
	LED	38, 49	3800, 4900	3900K TO 5000K	
BP90001, BP90003	INDUCTION	80, 100	6400, 8000	5000K	
	LED	38, 49	3800, 4900	3900K TO 5000K	
BP90005	INDUCTION	120, 150	9600, 12000	5000K	
	LED	38, 49	3800, 4900	3900K TO 5000K	
BP90006	INDUCTION	200	16000	5000K	

Premier will custom engineer a decorative post light to meet your needs. Dark Sky compliance can be achieved with induction post lights using the Dark Sky reflector and a clear acrylic top. For Dark Sky LED light engines and induction lights with total dark sky compliance and zero uplight we would use a metal top like the Hanover 3173BP featured above.

POST TOP FIXTURES

FEATURES

- All aluminum construction
- 14", 16", 18", 20", 24" globes
- Listed for wet locations
- 120 volt, 60Hz magnetic ballasts

OPTIONS

- Power Smart, Energy Star, Title 24 approvals
- Custom colors, please provide paint chip
- Bulbs supplied upon request



**HERITAGE
FIXTURE
RETROFITS**
– a Premier
Lighting
specialty!

Choose from either LED or induction retrofit kits to restore heritage or heirloom fixtures to ultra-long life, full spectrum, energy efficient lighting.



BP90004



Fixture Dimensions

BP90004, BP90005
Stylized Wall Bracket/Cobra Head

8 1/4" H x 13 3/4" W x 23 3/4" L
9" H x 18" W x 31 3/4" L
Colours: Bronze Powder Coat



Fixture Dimensions

BP52734
Post Top

19" diameter
27" height
Standard Premier Colors

PART NO.	LAMP	+ WATTS	LUMENS	COLOR TEMP.	VOLTAGE
BP90004	INDUCTION	70,100	4695, 7500	5000K	120-277 Volts
	LED	26,39,54	1600, 2400, 3200	3900K to 5000K	
BP90005	INDUCTION	100,150	5240, 11250	5000K	
	LED	26,39,54	1600, 2400, 3200	3900K to 5000K	
BP52734	INDUCTION	40, 80	3200, 6400	5000K	

WALL & CEILING FIXTURES

FEATURES

- Die-cast aluminum back boxes with conduit adapters
- Listed for wall or ceiling wet locations
- Conduit adapter back boxes
- WF52427 "Unbreakable" polycarbonate lens

OPTIONS

- Power Smart, Energy Star, Title 24 approvals
- Premier finishes or Custom Colors (provide paint chip)

CG60085
Down Light Cylinder







Radio Frequency Enabled

RF controlled for LED versions only

CG60086A
"Moonbeam"
Up/Down Cylinder

Fixture Dimensions
12" H x 8" W x 16" D
Colors: Standard Premier Colors





Radio Frequency Enabled

RF controlled for LED versions only

WF52427
Deluxe Garage Lighter

Fixture Dimensions
12 5/8" H x 16" D
16" H x 22" D
Colors: Powder Coat over Chromate





Radio Frequency Enabled

RF controlled for LED versions only

WF52413
Vandal Proof Ceiling/Wall Pack
Large

Fixture Dimensions
12" H x 12" W x 5 1/4" D

PART NO.	LAMP	+ WATTS	LUMENS	COLOR TEMP.	VOLTAGE
WF52427	INDUCTION	70, 100, 150	5600, 8000, 12000	5000K	120-277 VOLTS
WF52412	INDUCTION	40, 80	3200, 6400	5000K	
WF52413	INDUCTION	70, 100, 150	5600, 8000, 12000	5000K	
	LED	38, 49	3800, 4900	3900K TO 5000K	
CG60086A	INDUCTION	70, 100, 150	5250, 7500, 11200	5000K	
CG60085	INDUCTION	70, 100, 150	5250, 7500, 11200	5000K	
	LED	38, 49	3800, 4900	3900K TO 5000K	

BOLLARDS & HIGH BAYS "VARIOUS"

FEATURES

- Aluminum construction

OPTIONS

- Power Smart, Energy Star, Title 24 approvals
- Custom colors, please provide paint chip
- 100,000 hour induction lamp



HB90001 HB90002 Deluxe High Bay	Fixture Dimensions 16" W x , 16" D
	22" W x , 22" D
	Colors: White Powder Coat



HB90003 HB90004 Deluxe High Bay	Fixture Dimensions 42" H x 8" W x 8" D Colors: Black, White, Bronze
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DP60033 DP60034 Prismatic Lens, Rod or Cable Suspended Pendant	Fixture Dimensions 12 5/8" H x , diameter: 16" D 16" H x , diameter: 22" D Colors: Standard Premier Colors
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PART NO.	SIZE	LAMP	+WATTS	LUMENS	COLOR TEMP.	VOLTAGE
HB90001	22"	INDUCTION	120, 200, 300	9600, 16000, 24000	5000K	120-277 VOLTS
		LED	38, 49	3800, 4900	3900K TO 5000K	
HB90002	16"	INDUCTION	80, 100	6400, 8000	5000K	
		LED	38, 49	3800, 4900	3900K TO 5000K	
HB90003	22"	INDUCTION	80, 100, 150	6400, 8000, 12000	5000K	
		LED	38, 49	3800, 4900	3900K TO 5000K	
HB90004	16"	INDUCTION	80, 100	6400, 8000	5000K	
		LED	38, 49	3800, 4900	3900K TO 5000K	
DP60033	16"	INDUCTION	80, 100, 150	6400, 8000, 12000	5000K	
DP60034	22"					

WALL & FLUORESCENT "VARIOUS"



FP 902 58896
T12 to T8: 1 or 2 Lamp Conversion Kits.
Many other configurations available.



Two 8' T12 lamps convert to four 4' T8 lamps

Converts to



HB81321 (4 Lamp)
HB81322 (6 Lamp)
Super Efficient 100,000 Hr T5 Fluorescent High Bay

Fixture Dimensions
48" L x 19 5/8" W x 3 7/8" D



VP81210
Vapour Proof Enclosure
100,000 Hr T5 Fluorescent

Fixture Dimensions
Narrow: 4.0" W 27.7"
Wide: 6.8" W 27.7"



VP81310 452E (4 Lamp)
VP81310 652E (6 Lamp)
Weatherproof Enclosures

Fixture Dimensions
50" L x 6 5/8" W x 5 3/16" D

PART NO.	LAMP	+ WATTS	LUMENS	COLOR TEMP.	VOLTAGE
VP81210	F54T5	1 X 54	4800	3000K, 3500K, 4100K, 5000K	120, 240, 277, 347 Volts
		2 X 54	2 X 4800 = 9600		
	F32T8	1 X 32	2850		
		2 X 32	5700		
HB81321, VP81310-454E	F54T5	4 X 54	4 X 4800 = 19,200	3000K, 3500K, 4100K, 5000K	120, 240, 277, 347 Volts
HB81322, VP81310-654E	F54T5	6 X 54	6 X 4800 = 28,800		
FP 902 58167	8' WHT STRIP CONVERSION KIT (2L TO 4L)				
FP 902 58166	8' WHT STRIP CONVERSION KIT (1L TO 2L)				
FP 902 58961	4' SLV STRIP CONVERSION KIT (2L TO 1L)				
FP 902 58957	8' SLV STRIP CONVERSION KIT (1L TO 2L)				
FP 902 58896	8' SLV STRIP CONVERSION KIT (2L TO 4L)				

WALL PACKS "VARIOUS"



WF52402 LARGE

WF52401 SMALL

Fixture Dimensions
 9" H x 14 1/4" W x 12" D
 13 3/4" H x 18 1/4" W x 9 5/8" D
 Colors: Black, Bronze

WF52401 Small
WF52436 Large
Dark Sky Cut-off Wall Pack

SHOEBOX POST LIGHT



Fixture Dimensions
 14 5/8" H x 16 1/8" W x 6 1/8" D
 Colors: Bronze or Black

WF52453
WF52454
Flood Light Large



Fixture Dimensions
 12" H x 9 1/4" W x 7" D
 Colors: Bronze Powder Coat

WF52452
HID Flood Light Medium

WF52433 SHALLOW



WF52434 DEEP

Fixture Dimensions
 9" H x 18" W x 9 1/2" D
 9" H x 18" W x 12 3/4" D
 Colors: Bronze Powder Coat

WF52433 Shallow
WF52434 Deep
Large Wall Pack

PART NO.	LAMP	+ WATTS	LUMENS	COLOR TEMP.	VOLTAGE
WF52401	INDUCTION	40, 80	3200, 6400	5000K	120-277 Volts
WF52433	LED	19, 24	1800, 2300	3900 TO 5000K	
WF52452	INDUCTION	40	3200	5000K	
WF52453	INDUCTION	150, 200, 300, 400	12000, 16000, 24000	5000K	
WF52434	INDUCTION	100	7500	5000K	
WF52436	LED	24, 31	2400, 3100	3900 TO 5000K	

STEPLIGHTS "INTERIOR/EXTERIOR"

FEATURES

- Stainless steel back boxes
- Self-draining tapered bodies
- Reflective white interior mounting plates
- Approved for wet locations
- 120 volt, 60Hz magnetic ballasts

OPTIONS

- Power Smart, Energy Star, Title 24 approvals
- Premier finishes or Custom Colors (provide paint chip)
- 3 or 5 watt LED inserts for standard face plates
- Stainless steel LED face plate c/w transformer
- 120-277 /347 volt electronic ballasts
- Bulbs supplied upon request



SL52801
Interior/Exterior Recessed

SL52802 Interior/Exterior Recessed	Fixture Dimensions
	6 1/2" H x 9 1/2" W x 5" D Colors: Black, White



SL52810 Interior/Exterior Extruded Aluminum LED Steplights 6 anodized colors to choose from	Fixture Dimensions
	6" H x 9 1/2" W x 1 1/3" D Colors: Black, Bronze, Gold, Silver, Navy, Burgundy

FACEPLATES FOR MODEL# SL52803



STYLE "A"



STYLE "B"



STYLE "C"



STYLE "D"



SL52803A
Stainless Steel with LED's



Fixture Dimensions
4" H x 8 3/4" W x 1.5 D

SL52803 Stainless Steel with LED's	Fixture Dimensions
	4" H x 8 3/4" W x 4" D Colors: Black, White

PART NO.	LAMP	+ WATTS	LUMENS	COLOR TEMP.	VOLTAGE
SL52801	LED	3.5, 5.75	350, 600	3900K to 5000K	120 Volts
BB52803 SS	STAINLESS STEEL BACK BOX				
SL52802	LED	3.9, 7.8, 15.6	350, 600, 1200	3900K to 5000K	
BB52802 SS	STAINLESS STEEL BACK BOX				
SL52803	LED	3.5, 5.75	350, 600	3900K to 5000K	