

WSE Technologies is lighting the future with LED! LED lights use so much less energy than conventional bulbs that they can more than double your investment over their lifetime. LED's save you the trouble of changing bulbs as they can last up to a hundred times longer than a typical incandescent and over 10 times longer than compact fluorescent bulbs. LED lights run cool and do not contain any mercury, so they are safer to use than fragile, burning hot halogen and incandescent bulbs. LED lights, unlike many halogen bulbs, give light instantly and are closer to the colour of natural sunlight, helping everyone beat the winter blues!

Industrial



Commercial



Street Lighting



Our LED lights use cutting edge, single-chip technology, which allows us produce a wide range of larger and brighter lighting options without encountering the problems common to LED products. A lack of international regulation has allowed many LED lights on the market that fade or fail early in their lifetimes because of poor quality implements and overheating. Our high quality materials and meticulously engineered lighting systems have alleviated these issues and allowed us to meet and exceed North America's stringent quality standards. Our 3-year warranty allows you to save money and energy worry free. See details bellow of the LED options available for lighting everything from your home to your city's streets!

Industrial LED Lighting



BAYLITE 100

Perfect for large spaces, commercial, and industrial warehouses that need extensive lighting.

This 100 watt light provides light equivalent to two 200 watt incandescent bulbs.

A 140 watt model is also available.

Baylite 100	
Equivalent	Warehouse Light 250 MH/400 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	100 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



FLOOD LIGHT MC-2140

These high efficiency lights can be used for the interior and exterior lighting of buildings.

The Flood Light MC-2140 provides light equivalent to two 300 watt incandescent light bulbs.

Also available in 70 and 100 watt models.

Flood MC-2140	
Equivalent	Flood light 300 MH/750 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	140 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



CENTURION 120

This powerful outdoor light is ideal for parking lots, exterior work areas, and roadways,

The Centurion 120 provides light equivalent to three 200 watt incandescent light bulbs.

Also available in 30, 60, and 90 watt models.

Centurion 120	
Equivalent	Flood light 300 MH/750 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	120 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE

Commercial LED Lighting



LED TUBE 8

Perfect for interior commercial lighting.

The LED Tube 8 provides light equivalent to a 35 watt incandescent light bulb.

18 and 24 watt models are also available.

LED Tube 8	
Equivalent	Fluorescent T5-T8-T12
Efficiency (Lumen/Watt)	80
Power Consumption	36 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



GU10-4W-NIC

These high efficiency lights are perfect for indoor residential and commercial low voltage lighting.

The GU10-4W-NIC provides light equivalent to a 35 watt incandescent light bulb.

Also available in a 3 watt model.

GU10-4W-NIC	
Equivalent	GU10-35W Halogen
Efficiency (Lumen/Watt)	75
Power Consumption	4 Watts
Lifetime	50 000 hours
Accreditation	ETL, UL, CUL, CE



MR16-4W-NIC

Perfect for low voltage indoor residential and commercial lighting.

The GU10-4W-NIC provides light equivalent to a 35 watt incandescent light bulb.

Also available in a 3 watt model.

MR16-4W-NIC	
Equivalent	MR16-35W Halogen
Efficiency (Lumen/Watt)	75
Power Consumption	4 Watts
Lifetime	50 000 hours
Accreditation	ETL, UL, CUL, CE



PAR38-20W-NIC

The PAR38 is an energy efficient alternative for your standard indoor residential and commercial lighting.

The PAR38-20W-NIC provides light equivalent to a 100 watt incandescent light bulb.

PAR38-20W-NIC	
Equivalent	PAR38-100W Halogen
Efficiency (Lumen/Watt)	80
Power Consumption	20 Watts
Lifetime	50 000 hours
Accreditation	ETL, UL, CUL, CE



PAR30-10W-NIC

Perfect for indoor residential and commercial lighting.

The provides light equivalent to a 55 watt incandescent light bulb.

PAR10W-NIC	
Equivalent	PAR30-75W Halogen
Efficiency (Lumen/Watt)	80
Power Consumption	10 Watts
Lifetime	50 000 hours
Accreditation	ETL, UL, CUL, CE

Street LED Lighting



ASTRO 60

This short bodied street light provides perfect lighting for smaller streets and parking areas.

The Astro 60 provides light equivalent to a 300 watt incandescent light bulb.

40 and 80 watt models are also available.

Astro 60	
Equivalent	Street Light 125 MH/250 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	60 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



VENUS 100

This medium bodied street light provides perfect lighting for urban streets and parking areas.

The Venus 100 provides light equivalent to two 200 watt incandescent light bulbs.

60 and 80 watt models are also available.

Venus 100	
Equivalent	Street light 200MH/400 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	100 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



JUPITER 100

This long bodied street light provides perfect lighting for urban streets, secondary roads, and parking areas.

The Jupiter 100 provides light equivalent to two 200 watt incandescent light bulbs.

Jupiter 100	
Equivalent	Street Light 200 MH/400 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	100 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



SATURN 200

This double bulb long bodied street light provides strong lighting for larger road ways and parking areas.

The Saturn 200 provides light equivalent to four 200 watt incandescent light bulbs.

Saturn 200	
Equivalent	Street Light 400 MH/750 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	200 Watts
Lifetime	50 000 hours
Accreditation	ETL, UL, CUL, CE



TUNNEL LIGHT ML 48

The Tunnel Light ML 48 completes your urban LED lighting system.

The provides light equivalent to a 200 watt incandescent light bulb.

Tunnel Light	
Equivalent	Street Light 100 MH/250 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	48 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE

Street LED Lighting



CENTURION 120

This powerful outdoor light is ideal for parking lots, exterior work areas, and roadways,

The Centurion 120 provides light equivalent to three 200 watt incandescent light bulbs.

Also available in 30, 60, and 90 watt models.

Centurion 120	
Equivalent	Flood light 300 MH/750 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	120 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



MODULAR 186

This modular street light is perfect for larger road ways and parking areas.

The Modular 186 provides light equivalent to two 300 watt incandescent light bulbs.

112 and 80 watt models are also available.

Modular 186	
Equivalent	Street light 400 MH/750 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	168 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



MODULAR RETROFIT COBRA LONG 28L

This retrofit unit is suited to smaller streets and parking areas

The Cobra 28L provides light equivalent to a 135 watt incandescent light bulb.

Also available in a short bodied model.

Cobra Retrofit	
Equivalent	Street Light 70 MH/150 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	28 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



DECO 60

This decorative light adds character and light to any yard or small street.

The Deco 60 provides light equivalent to a 300 watt incandescent light bulb.

Deco 60	
Equivalent	Town Light 70 MH/150 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	60 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE



PARK 60

This decorative light is perfect for parks and playgrounds.

The Park 60 provides light equivalent to a 300 watt incandescent light bulb.

Park 60	
Equivalent	Park Street Light 70 MH/150 HPS
Efficiency (Lumen/Watt)	80
Power Consumption	60 Watts
Lifetime	50 000 hours
Accreditation	ETL, CE

Return on Investment

LED Lighting not only provides higher quality lighting and reduces your impact on the environment, it also saves you money! LED Lights use as little as 10% of energy of conventional bulbs, reducing both your energy bills and your green house gas emissions! Because LED lights last much longer than conventional bulbs they also save you the cost of replacing and disposing of burnt out bulbs and all of the labour and equipment costs associated with it. See the benefits of LED lights for yourself in the following lifetime cost evaluations of a few of our products!

Baylite 100



Initial Cost (fob) = \$995
 Labour (replacement bulbs)= \$0
 Energy Costs over 50,000hrs
 .1kW*50000hrs*\$0.1022/kWh=\$511
Total Costs/50 000hrs= \$1,506

Compared to Conventional:

400 HPS Bay Light
 Lifetime = 24 000hrs

Initial Costs for 50,000hrs=
 \$225+\$20*1(replacement bulbs)
 Total = \$245

Labour Costs for replacement
 bulbs/50 000hrs
 1bulb*0.5hrs*[\$75.00/
 hr(wages)+\$30/hr(lift)]
 Total = \$122

Energy Costs over 50 000hrs
 0.4 kW*50 000hrs*\$0.1022/kWh
 Total = \$2,044

Total Cost/50 000hrs=\$2,411

ROI = \$905

Centurion 120



Initial Cost (fob) = \$2149
 Labour (replacement bulbs)= \$0
 Energy Costs over 50,000hrs
 .12kW*50000hrs*\$0.1022/kWh=\$613
Total Costs/50 000hrs= \$2,762

Compared to Conventional:

Street Light 400 MH
 Lifetime = 10 000hrs

Initial Costs for 50,000hrs
 \$1,900+\$30*4(replacement bulbs)
 Total=\$2,020

Labour Costs for replacment
 bulbs/50 000hrs
 4bulbs*0.5hrs*[\$75.00/
 hr(wages)+\$30/hr(lift)]
 Total = \$210

Energy Costs over 50,000hrs
 0.4kW*50 000hrs*\$0.1022/kWh
 Total = \$2,044

Total Costs/50,000hrs= \$4,304

ROI = \$2,155

Par38-20W-NIC



Initial Cost (fob) = \$154
 Labour (replacement bulbs)= \$0
 Energy Costs over 50,000hrs
 .02kW*50000hrs*\$0.1022/kWh=\$102
Total Costs/50 000hrs= \$256

Compared to Conventional:

Incandescent 100 Watt
 Lifetime = 1 000hrs

Initial Costs for 50,000hrs
 \$1.25*50bulbs
 Total = \$75

Labour Costs for replacment
 bulbs/50 000hrs
 49bulbs*0.25hrs*\$25.00/hr
 Total = \$306.25

Energy Costs over 50,000hrs
 0.1kW*50 000hrs*\$0.1022/kWh
 Total = \$511

Total Costs/50,000hrs= \$892.25

ROI = \$636

Increase your savings by taking advantage of the incentives available for industrial, commercial, and municipal energy leaders!

EcoEnergy Retrofit Incentive for Industry

- Natural Resources Canada's EcoAction program
- NRCan offers incentives up to 25% of project costs to a maximum of \$50 000 per application and \$250 000 per corporation
- Eligibility – Commercial and Institutional buildings and some multi-unit and mixed-use residential buildings

For more information:

<http://oee.nrcan.gc.ca/industrial/financial-assistance/retrofit/index.cfm?attr=0>

EcoEnergy Retrofit Incentive for Buildings

- Natural Resources Canada's EcoAction program
- NRCan offers incentives up to \$10 per estimated kW of energy savings, or up to 25% of project costs to a maximum of \$50,000 per application
- Eligibility – The industrial facility must have fewer than 500 employees, not be a sector regulated by the Clean Air Act, and have been in operation for over 12 months

For more information:

<http://oee.nrcan.gc.ca/commercial/financial-assistance/existing/retrofits/index.cfm?attr=0>

Energy Efficient Lighting Program for Municipalities

- Saskatchewan Research Council's Municipal Energy Conservation Program
- SRC will provide an incentive of 25% of the total project costs (equipment and labour)
- Natural Resources Canada's EcoAction program
- Municipalities are also eligible to apply for the EcoEnergy incentives listed above, allowing up to 50% of their project to be funded

For more information:

http://municipalities.src.sk.ca/html/municipalities/project_info/#4