'Dark Sky' Lighting

Local Retailers

Bruce Peninsula / Owen Sound

Spring 2011

Scotia Private Client Group

Note:

Product pricing & availability may be subject to change by the manufacturer or distributor without notice.

Dark Sky Lighting Catalogue Contents

The purpose of this catalogue is to identify a large range of "dark sky friendly" fixtures which are carried by local retailers, and share them with residents and builders who wish to preserve

Dark Sky Lighting Catalogue Contents

The purpose of this catalogue is to identify a large range of "dark sky friendly" fixtures which are carried by local retailers, and share them with residents and builders who wish to preserve our dark skies and prevent further light pollution on the Peninsula.

We hope that by making this lighting catalogue widely available, the environment, consumers, and local retailers, will benefit.   - prepared by Rod Steinacher (Dark Sky Committee)

Using the Catalogue:

Light fixture manufacturers & local lighting retailers are listed on **page 8** of this catalogue.

You can check which **local retailers** (Bruce Peninsula & Owen Sound) carry 'dark sky friendly' lighting, and obtain their contact information. (Note: not every retailer in the district has been included.)

Light fixture manufacturers are listed alphabetically (CANARM, Galaxy, Hampton Bay, etc.) and the page the main section of the catalogue is given.

Timers & motion detectors are found on **page 43**.

Retrofitting shields are found on **page 47**.

Please note:

1. New models of light fixtures are continually becoming available, at a number of different price points. This catalogue will not be able to keep up with all of these changes, so please check with local retailers for updates.

2. Because several of the lighting manufacturers are from outside Canada, pricing may vary due to currency fluctuations and manufacturing costs.

3. Manufacturers and retailers, of course, maintain the right to change models and pricing without prior notice.

Thanks to local lighting retailers for their assistance in compiling the pricing for this catalogue.

Should Your Lighting be Converted to Dark Sky Friendly?

Should Your Lighting be Converted to Dark Sky Friendly?

- based on the <u>four basic concepts</u> guiding effective dark sky lighting practices

* If you answer 'yes' to any of the following 12 questions, you should consider converting some, or all, of your outdoor lighting to be more dark sky friendly.

	YES	NO
1. Illuminate only the <u>minimum area</u>.		
• Are you lighting outside areas that **do not need to be lit**?	☐	☐
• Is any light from inside the building **'spilling'** outside?	☐	☐
• Is any light from outside fixtures being directed **upwards**?	☐	☐
• Is any light from outside fixtures being directed **sideways** into your eyes as 'glare'?	☐	☐
• Is any light **trespassing** onto adjacent properties or into the windows of adjacent buildings?	☐	☐
2. Illuminate only to the <u>minimum intensity</u>.		
• Does existing light feel **harsh** or make you squint?	☐	☐
• Would you still feel safe and secure if **less light** was used?	☐	☐
3. Illuminate only for the <u>minimum duration</u>.		
• Is **lighting on indoors** when no one is using it?	☐	☐
• Do you leave your **outdoor lighting** on at all times?	☐	☐
• Is security lighting on at all times (rather than being available 'on demand')?	☐	☐
4. Illuminate using the <u>minimum amount of blue/white light</u>.		
• Does the lighting appear bluish or white?	☐	☐
• Are **long-term savings** on your lighting bills important?	☐	☐

Making the Outdoor Lighting at Your Home Dark Sky Friendly

Making the Outdoor Lighting at Your Home Dark Sky Friendly

1. **minimize the <u>amount</u> of illumination**
   - reduce number of lighting fixtures (to minimum level required)
   - reduce lamp wattage (often by as much as 1/2)

2. **minimize the <u>area</u> of illumination**

   (shine light only where it's needed)

   - aim fixture downward so no light is directed up or to the sides (to prevent 'glare')

   - reduce the number of fixtures (to minimum level required)

   - ensure that little or no unwanted light falls directly onto adjacent properties

   - ensure that little/no light falls directly onto the lake (to minimize impact on marine environment)

3. **minimize the <u>duration</u> of illumination**

   - timing (have lights out as long as practical)

   - reduce number of fixtures (remaining lit during required period)

4. **minimize the amount of "cold" <u>wavelength</u> illumination**

   (favour the "warm" (yellow, orange, or red) end of the light spectrum to reduce impact on the natural environment)

   - use bulbs (incandescent, compact fluorescent, or 'new generation' LED) with a 'warm' colour for regular outdoor household fixtures

   - complete switch to HPS (high pressure sodium) bulbs for large fixtures (farm yard lights, parking lot illumination)

Effective Night Lighting

- complete switch to HPS (high pressure sodium) bulbs for large fixtures (farm yard lights, parking lot illumination)

Effective Night Lighting

"Glaring" light from **unshielded** fixtures actually reduces your ability to see.

"**Full cut off**" (FCO) fixtures direct light down only, necessary for good nighttime vision.

**Non-compliant fixtures
Poor design**

**Compliant fixtures
Good design**

Town of La Pairie, Quebec in **2006**, **before** it was converted to dark sky lighting.
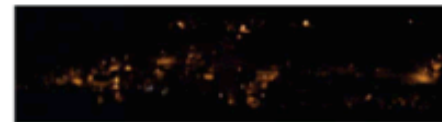
Town of La Pairie, Quebec in **2008**, **after** its dark lighting was in place.

La Pairie is one of 34 municipalities (including the city of Sherbrooke) in the Eastern Townships of Quebec, which are currently involved in a light abatement program and which also have exterior lighting regulations in effect. The nearby Mt. Megantic ASTROlab has, with financial assistance from municipal, provincial & federal governments and from businesses, undertaken this ambitious dark sky lighting project. It has resulted in an approximately 25% reduction in light pollution!

The area is the first to be designated an '**International Dark Sky Reserve**'.

Comparison of Incandescent, Outdoor Compact Fluorescent & LED Lighting

	Incandescent Light Bulbs	Outdoor Compact Fluorescent Light Bulbs	LED (Light Emmitting Diodes) Light Bulbs (2,600K to 3,700K wavelength)
Light Output			
	40 Watts	8.3 - 13 Watts	4 - 5 Watts
	60	**13 - 15**	**6 - 8**
	75	18 – 25	9 - 13
	100	23 – 30	16 - 20
	150	30 - 52	25 - 28
Environmental Impact			
CO_2 emmissions (/60W bulb/year)	68 kg/yr (150 lbs/yr)	~16 kg/yr (35 lbs/yr)	6.8 kg/yr (15 lbs/yr)
~ Operating costs (/60W bulb/year)	$10.95	$2.56	$1.09
~ Heat emmitted (/60W bulb)	85 btu/h	30 btu/h	3.4 btu/h
Contains mercury	no	yes	no
Other Facts			
Low temperature sensitivity	some	yes (under -22°C)	none
Humidity sensitivity	some	yes	none
On/Off cycling & bulb life	some decrease	significant decrease	none
Instant on	yes	no	yes
Durability	glass & filament both break easily	glass breaks fairly easily	can handle jarring
Life span (average)	1,200 hours	8,000 hours	50,000 hours

Local Dark Sky Lighting Retailers – Spring 2011   Bruce Peninsula Biosphere Association

Outdoor fixtures can be confidently considered "dark sky friendly" if **no** light is directed upwards, and the bulb is not visible when the fixture is viewed

Local Dark Sky Lighting Retailers - Spring 2011   Bruce Peninsula Biosphere Association

Outdoor fixtures can be confidently considered "dark sky friendly" if **no** light is directed upwards, and the bulb is not visible when the fixture is viewed from the side. Fixtures with heavily frosted glass are not dark friendly, despite the claims of some companies. "Best practices" for lighting include directing light downwards and only where it is needed, using the lowest amount of illumination (wattage), for the smallest area, for the least amount of time practical, while favouring warmer wavelengths of light emitted from the bulb. Future LED technology will also enhance appropriate dark sky lighting.

To view a wide range of International Dark-Sky Association (IDA)-approved light fixtures, visit their "Manufacturers Directory" at
<http://www.darksky.org/mc/page.do?sitePageId=56423>.

Retailer	"ID"	Location / Phone	CANARM	Galaxy	Hampton Bay	Kichler	Murray Feiss	Progress	Seagull	SNOC
			page 9	page 11	page 23	page 25	page 28	page 30	page 33	page 37
Home Depot	DP	15900 20th Ave. E., Owen Sound 519-372-3970			✔			✔		✔
Living Lighting	LL	1209 16th St. E., Owen Sound 519-371-5645				✔	✔			✔
Peninsula TIM-BR Mart	TM	4707 Highway #6, Miller Lake 519-795-7729	✔	✔			✔		✔	
Rona Building Centers	RN	☞	✔							✔
• Fulford's		874 @nd Ave. E., Owen Sound 519-376-7729								
• Stedmans		7024 Highway #6, Tobermory 519-596-2791								
Home Hardware Building Centers	HH	☞	✔						✔	
• Liverance		Highway #6, 6.5 km N of Ferndale 519-793-3610								
• Scott's		73 Main Street, Lion's Head 519-793-3446								
• Sadler's		556 Berford Street, Wiarton 519-534-0500								
• Wiarton		10189 Highway #6, Wiarton 519-534-2232								
• Owen Sound		1080 10 St. W., Owen Sound 519-376-1210								

Murray Feiss OLDL7100CB

Galaxy #336085

Seagull #8938DBL-10

"Nightscaping", while not carried by any local companies, can be contacted directly to order their dark sky friendly light fixtures. (See details, page 39.)

	519-376-1210

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http://www.canarm.com/residential/

Manufacturer	Description	Product #	MSL Price	Photo	Availablility (Spring 2011)
CANARM	• exterior wall lantern ** dark sky compliant with use of R14 40W bulb (not visible below rim of light shade)	#37395021	$31.99 to $59.95		TM / RN / HH
CANARM	• ceiling or wall mount - max. 100 W bulb	BL14CWS (8.25"x14.4" wide)	$32.99 to $59.99		TM / RN / HH
CANARM	• suspended mount - max. 300 W bulb (Use **much** lower wattage bulb!)	BL14CL	$32.99 to $34.99		TM / RN / HH

Company homepage

Company homepage

http://www.galaxylightinginc.com/

Manufacturer	Description	Product #	MSL Price	Photo	Availablility (Spring 2011)
Galaxy	• exterior wall mount ** IDA dark sky compliant	#336085 - distressed copper (5"∅) #336087 - DC (7"∅) # 336088 - DC (9"∅)	$107.80 $135.30 $187.00		TM / RN / HH
Galaxy	• exterior wall mount ** IDA dark sky compliant … comes in several models	#022158 - rustic brown	$154.00		TM / RN / HH
Galaxy	• exterior wall mount - 1 light down ** IDA dark sky compliant … (fixture available in various sizes & finishes)	#212947 - bronze (4.5"x7") … #350034 - bronze (6"x9")	$64.74 to $148.95		TM / RN / HH
Galaxy	• exterior wall mount ** IDA dark sky compliant (closed top)	#329030 - ceramic (8.25"x10")	$43.89		TM / RN / HH
Galaxy	• exterior wall mount ** IDA dark sky compliant (closed top)	#298737 - ceramic (7.25"x9.5")	$49.50		TM / RN / HH

Galaxy	• exterior wall mount **** IDA dark sky compliant** (closed top)	#298735 - ceramic (8"x9")	$53.90		**TM / RN / HH**
Galaxy	• exterior wall mount **** IDA dark sky compliant** … comes in a wide variety of models (those with a large number of pattern perforations are <u>not</u> dark sky friendly)	#022171 - black iron **...** etc.	$187.00		**TM / RN / HH**
Galaxy	• exterior wall mount **** IDA dark sky compliant** … (fixture available in several sizes & as pier/post head)	#311860 - bronze	$76.46 to $127.86		**TM / RN / HH**
Galaxy	• exterior wall-mount light fixture * use small, lower wattage bulb	#246155 - aspen bronze (8.5"x6") #246157 - aspen bronze (11"x6.5") #246158 - aspen bronze (peir/post top - 8.5"x11")	$52.69 $65.89 $65.89		**TM / RN / HH**
Galaxy	• exterior light fixture … (fixture available in many sizes, finishes, & styles: e.g. wall-mount, pier/post head, hanging)	#021894 - centenial rust (7"x11.5") #003709 - centenial rust (13"x19.75") … also #003707 & similar	$173.80 to $40700		**TM / RN / HH**
Galaxy	• exterior wall-mount light fixture * use small, lower wattage bulb	#386750 - flemish (8.5"x9.75") #386751 - flemish (10"x11.5") #386753 - flemish (6"x8.5")	$195.80 $239.80 $151.80		**TM / RN / HH**

Galaxy	• exterior pier-mount * use small, lower wattage bulb	#386754 - flemish (10"x25")	$239.80		**TM / RN / HH**
Galaxy	• exterior sconce * use small, lower wattage bulb	#386757 - flemish (10"x7.5")	$129.80		**TM / RN / HH**
Galaxy	• exterior hanging * use small, low wattage bulb	#370620 - rust (12"x11")	$151.80		**TM / RN / HH**
Galaxy	• exterior wall-mount light fixture * use small, lower wattage bulb ... (fixture available in various sizes & finishes)	#386821 - bronze (6"x6.75") **...** #373996 - rust (6.25"x6.25")	$77.00 to $121.00		**TM / RN / HH**
Galaxy	• exterior wall-mount ... (fixture available in various sizes & finishes)	#026884 - rust patina	$484.00 to $517.00		**TM / RN / HH**

Galaxy	• exterior wall mount	#061525 - old bronze (12"∅) # 393277 - OB (10"∅) # 393275 - OB (8"∅)	$127.60 $102.30 $68.20		**TM / RN / HH**
Galaxy	• exterior wall mount * use small, lower wattage bulb	#061524 - brushed nickel (12"∅) #061521 - BN (10"∅) #061520 BN (8"∅)	$122.10 $99.00 $64.90		**TM / RN / HH**
Galaxy	• exterior wall mount * use small, lower wattage bulb	#061528 - brushed nickel (12"∅)	$151.80		**TM / RN / HH**
Galaxy	• exterior wall mount * use small, lower wattage bulb	#061527 - brushed nickel (10"∅) #393278 - old bronze (10"∅)	$99.00 $103.40		**TM / RN / HH**
Galaxy	• landscape lighting - path & spread * see "landscaping" section in Galaxy on-line catalogue for many more "path & spread" fixtures	#239515 - red copper - 18W	$303.60		**TM / RN / HH**
Galaxy	• landscape lighting - path & spread	#393691 - textured architec'l bronze - 16W #393694 - satin aluminum - 16W	$171.60 $176.00		**TM / RN / HH**

Galaxy	• landscape lighting - path & spread * see "landscaping" section in Galaxy on-line catalogue for many more "path & spread" fixtures	#393229 - textured architec'l bronze	$242.00		**TM / RN / HH**
Galaxy	• landscape lighting - path & spread	#336145 - textured black - 24W	$92.40		**TM / RN / HH**
Galaxy	• landscape lighting - path & spread	#293564 - textured black - 24W (short)	$178.20		**TM / RN / HH**
Galaxy	• landscape lighting - path & spread	#368402 - textured black	$127.60		**TM / RN / HH**
Galaxy	• landscape lighting - path & spread	#003290 - bronze (6.5"x22") * 2.4W LED #003291 - titanium (6.5"x22") * 2.4W LED	$165.00 & $165.00		**TM / RN / HH**
Galaxy	• landscape lighting - path & spread - combination down light with kerosene & citronella burning wick torch on top ... (fixture available in various sizes & finishes)	#001173 - weathered brass - 35W	$529.98		**TM / RN / HH**

Galaxy	• landscape lighting - path & spread … (fixture available in various sizes, finishes & styles)	#001011 - weathered brass (4"x19") - 20W	$182.71		**TM / RN / HH**
Galaxy	• landscape lighting - path & spread … (fixture available in various sizes, finishes & styles)	#001053 - natural copper (8.5"x22") - 20W	$135.28		**TM / RN / HH**
Galaxy	• landscape lighting - accent … (fixture available in various sizes & finishes)	#201961 - textured architec'l bronze (4" wide) - 6W	$44.00		**TM / RN / HH**
Galaxy	• landscape lighting - accent … (fixture available in various sizes & finishes)	#222909 - southern clay (3.16"x3.16") - 7W	$35.20		**TM / RN / HH**
Galaxy	• landscape lighting - deck & patio … (fixture available in various sizes & finishes)	#347967 - textured tannery bronze (3.75" wide) - 6W	$72.60		**TM / RN / HH**
Galaxy	• landscape lighting - deck & patio … (fixture available in various sizes & finishes)	#001124 - weatherd brass (3.5" wide) - 20W	$203.28		**TM / RN / HH**

Galaxy	• landscape lighting - deck & patio	#239559 - textured architec'l bronze (4" wide) #347922 - brass (4" wide)	$57.20 & $88.00		TM / RN / HH
Galaxy	• landscape lighting - deck & patio	#222973 - white (3.38"x3.38") - 12W	$37.40		TM / RN / HH
Galaxy	• landscape lighting - deck & patio	#222905 - matte white (3.38"x3.38") - 12W	$39.60		TM / RN / HH
Galaxy	• landscape lighting - deck & patio	#347960 - olde bronze (4.5" wide) - 6W	$81.40		TM / RN / HH
Galaxy	• landscape lighting - path & spread - 1 light	#030898 - bronze (14.5"x7") - 3W LED	$173.80		TM / RN / HH
Galaxy	• landscape lighting - path & spread - 2 lights	#030898 - bronze (14.5"x7") - two 6W LEDs	$437.80		TM / RN / HH
Galaxy	• landscape lighting -step lights * see "landscaping" section in Galaxy on-line catalogue for **many** more "step light" fixtures	#201923 - textured architec'l bronze (3.5"x5" wide) - 12W	$69.30		TM / RN / HH

Galaxy	• landscape lighting -step lights - 2 lights	#201920 - textured architec'l bronze (9.5"x4" wide) - 10W each	$145.20		TM / RN / HH
Galaxy	• exterior ceiling mount ... (fixture available in various sizes & finishes)	#251369 - black (4.5"x8") **...** #372890 - black (6"x12"0	$22.22 to $90.31		TM / RN / HH
Galaxy	• exterior wall-mount * use with lower wattage bulbs	#241088 - white (4.5"x7") #241069 - white (6"x9")	$43.92 $56.99		TM / RN / HH
Galaxy	• exterior light fixture ... (fixture available in various sizes, finishes, & styles: e.g. wall-mount, pier/post head, hanging)	#069871 - opaque dark smoke - hanging - 2 sizes **...** #367488 - opaque dark smoke - post/pier head	$368.75 to $716.25		TM / RN / HH
Galaxy	• exterior wall-mount	#030825 - bronze (6"x6") #030827 - satin black #030828 - satin white #030829 - titanium	$195.80		TM / RN / HH
Galaxy	• exterior wall-mount ... (fixture available in various sizes & finishes)	#383895 - satin black (8"x14.5") **...** #383960 - bronze (9.5"x18") - 26W CF	$187.00 to $316.80		TM / RN / HH

Galaxy	• exterior wall-mount … (fixture available in various sizes & finishes)	#335488 - bronze (6"x16") **…** #335492 - titanium (9"x24")	$275.00 to $473.00		TM / RN / HH
Galaxy	• exterior wall-mount - made from slate	#358348 - muted bronze (7"x14") - 50W #377205 - muted bronze (9"x16") 50W	$165.00 $264.00		TM / RN / HH
Galaxy	• exterior wall-mount	#327172 (12"x13") #352404 (15"x16")	$275.00 $308.00		TM / RN / HH
Galaxy	• exterior wall mount … (fixture available in various sizes & finishes)	#$261.80 - bronze (4.5"x12") **…** #030824 - titanium (6"x16")	$261.80 to $349.80		TM / RN / HH

Galaxy	• exterior wall-mount … (fixture available in various sizes & finishes)	#021481 - graphite ... #021487 - bronze	$173.80 to $305.80		TM / RN / HH
Galaxy	• exterior wall mount ** be sure that dark sky compliant panels are included when ordering	#335870 - architec'l bronze (7"x12")	$127.60		TM / RN / HH
Galaxy	• exterior wall mount ** be sure that dark sky compliant panels are included when ordering	#335873 - architec'l bronze (8"x12")	$127.60		TM / RN / HH
Galaxy	• exterior wall mount ** **IDA dark sky compliant** ** be sure that dark sky compliant panels are included when ordering	#336097 - architec'l bronze (8.5"x12") 13W	$147.40		TM / RN / HH
Galaxy	• exterior wall mount ** **IDA dark sky compliant** ** be sure that dark sky compliant panels are included when ordering	#336095 - architec'l bronze (7"x12") -13W	$147.40		TM / RN / HH
Galaxy	• exterior wall mount - flush 1 light & 2 lights units … (fixture available in various sizes & finishes)	#248402 - bronze (19"x6") ... #295717 - titanium (9"x24")	$283.80 to $429.00		TM / RN / HH

Galaxy	• exterior - pier/post head - 2 lights	#295714 - titanium (2"x23.5")	$363.00		TM / RN / HH
Galaxy	• exterior wall mount - flush 1 light	- #335477 - titanium (9"x9")	$327.80		TM / RN / HH

Hampton Bay product information

is available on the HOME DEPOT website

http://www.homedepot.ca/catalog/outdoor-lighting/172437

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http://www.homedepot.ca/catalog/outdoor-lighting/172437

Manufacturer	Description	Product #	MSL Price	Photo	Availablility (Spring 2011)
Hampton Bay	• 180-degree outdoor motion-sensing wall lantern	HB48017MP-237	$43.97		DP
Hampton Bay	• 1-Light Outdoor Wall Lantern with Motion Sensor - use with small, low wattage bulb - dark sky compliant without glass globe	HB48020M-48 - bronze HB48019M-35 - brushed nickel	$79.95		DP
	• Round Deck Light – 12 Volt 7 Watt	Store SKU #: 1000667298	$14.99		

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OUTDOOR LIGHT FIXTURES - A lighting fixture designed for outdoor use and engineered to handle the elements.

An emerging trend in design is to transform the area around your home into outdoor living spaces. Kichler Outdoor Lighting fixtures are designed to bring professional interior design principles to the exterior of your home with the high quality fit and finish that you expect from Kichler. From the front of your home to the backyard deck and garden, our Outdoor Lighting fixtures come in a wide variety of sizes and styles, ensuring there is something for anyone's home, no matter the decor.

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OUTDOOR LIGHT FIXTURES - A lighting fixture designed for outdoor use and engineered to handle the elements.

An emerging trend in design is to transform the area around your home into outdoor living spaces. Kichler Outdoor Lighting fixtures are designed to bring professional interior design principles to the exterior of your home with the high quality fit and finish that you expect from Kichler. From the front of your home to the backyard deck and garden, our Outdoor Lighting fixtures come in a wide variety of sizes and styles, ensuring there is something for anyone's home, no matter the decor. From wall lanterns and hanging lanterns to post top lanterns, Kichler can enhance the beauty of the outside of your home.

Bsure to view our collection of outdoor lamps. The shades in this series of outdoor lamps are made of Sunbrella® fabric and offer materials resistant to stain, mildew, and fading, providing years of beauty to your outdoor living area.

http://www.kichler.com/consumer/products/catType/OUTDOOR

Brand	Description	Model	Price	Image	
Kichler			$82.00		
Kichler	• outdoor bracket-fixture ** dark sky compliant	#10925DCO (& similar models)	~$150.00		
Kichler	• outdoor sconce ** dark sky compliant panels included	#6052WH	$92.00		
Kichler	• outdoor sconce ** dark sky compliant panels included	#10936AZ (shown) #9094AZ	$165.00 & $143.00		
Kitchler	** dark sky compliant with use of R14 40W bulb	#49059OZ/NI (8"∅) #49060OZ/NI (10"∅) #49061OZ/NI (12"∅)	$79.00 $114.00 $144.00		
Kitchler	• "Ripley" outdoor post mount ** dark sky compliant with use of R14 40W bulb	#49063OZ /BN/NI	~$180.00		

Kitchler	• "Ripley" outdoor pendant ** dark sky compliant with use of R14 40W bulb	#49062OZ /BN/NI	$116.00	**LL**
	• outdoor wall 1 light	#11098NI (8"∅)	$114.00	

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FIRST IN FASHION LIGHTING

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Let the warmth of our outdoor lighting welcome you home. Our versatile outdoor collections feature rich, long lasting finishes, and looks that vary from Mission, to Traditional to Industrial and Contemporary we can complement any architecture style. Illuminate your porch, drive, entryway, walkway, patio or deck with one of our many selections.

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Outdoor Lifestyles   Ceiling   Wall Mount Lantern   Hanging Lantern

Company homepage

http://www.feiss.com/

Murray Feiss		OLDL7102CB (9.5"x23")	~$310.00		**LL / TM**
Murray Feiss	• exterior wall mount - flush 1 light - 50W halogen * shown mounted rotated 180° to be dark sky friendly	ODWB4420PBR (4.5"x15")	~$210.00		**LL / TM**

Company homepage

http://progresslighting.com/

Progress		Store SKU #: 1000143129 -black			DP
Progress	• 1-light Outdoor Flushmount downlight (6"Ø)	P5741-20 - bronze P5741-30 - white P5741-31 - black	$86.42		DP
Progress	• 1-light Outdoor Flushmount (5"∅)	P5774-20 - bronze P5737-30 - white P5737-31 - black	$47.37		DP
Progress	• 1-light Wall Lantern (6"∅)	P5641-20 - bronze P5641-31 - black P5641-82 - metallic gray	$94.63		DP
Progress	• 1-light Wall Lantern (5"Ø)	P5674-20 - bronze P5674-31 - black P5674-82 - metallic gray	$63.47		DP

Progress	• 1-light Wall Lantern (5.5"∅)	P5712-30 - white P5712-31 - black	$54.95		**DP**
Progress	• 1-light (down) Wall Lantern	P5643-20 - bronze P5643-30 - white P5643-31 - black	$160.11		**DP**
Progress	• half brick deck light – 12 Volt 7 Watt * dark sky compliant with louvered faceplate option	Store SKU #: 1000667298	$19.99		**DP**

http://www.SeaGullLighting.com/Outdoor-Lighting.htm

Seagull	** dark sky compliant				**TM / HH**
Seagull	• paintable single-light outdoor wall sconce ** dark sky compliant	#83047-714	~$48.00		**TM / HH**
Seagull	• paintable single-light outdoor wall sconce ** dark sky compliant	#83048-714	~$48.00		**TM / HH**
Seagull	• fluorescent one light wall fixture (white or bronze finish) ** dark sky compliant	#8938DBL-10 #8939DBL-15	~$92 to ~$115		**TM / HH**
Seagull	• outdoor wall lantern w/ white aluminum panels ** dark sky compliant	"Lunar" down light -24v	~$88		**TM / HH**

Seagull	• "Quasar 2" down light, 12v ** dark sky compliant	#91101-147 (& similar models)	~$170	TM / HH
Seagull	• "Probe" OSM directional light 12v ** dark sky compliant	#91110-147 (& similar models)	~$165	TM / HH
Seagull	• "North Star" OSM directional light 12v ** dark sky compliant	#91104-147 (& similar models)	~$185	TM / HH
Seagull	"Lunar" down light 24v ** dark sky compliant	#91123-147 (& similar models)	~$200	TM / HH
Seagull	• "Venus" area light, 12v ** dark sky compliant	#91206-147 (& similar models)	~$180	TM / HH
Seagull	• single-light path fixture	#92060-44	~$160	TM / HH
Seagull	• single-light path fixture ... (fixture available in various sizes, finishes & styles)	#92066-834	~$95	TM / HH

Seagull	• deck, rail, wall downlight	#9396-15 (& similar models)	~$20		**TM / HH**
Seagull	• single-light landscape deck light	#92068-834	~$42		**TM / HH**
Seagull	• single-light landscape deck light	#92067-834	~$42		**TM / HH**
Seagull	• single-light landscape deck light	#92064-836 (& similar models)	~$47		**TM / HH**
Seagull	• "Gemimi" niche light	#91281-147	~$185		**TM / HH**
	• "Londoner" louver step light, 12v	#91303-148 (& similar models)	~$152		

Company homepage

http://www.snoc.net/Home.htm?NL=1

SNOC			$84.00		TM / RN / HH
SNOC	• post mount path light	SKU: 111-83112	~$82.00 to $104.00		TM / RN / HH

http://www.nightscaping.com/gallery.php
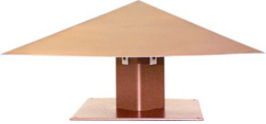
Nightscaping	• "Sentryliter" pedestrian lighting ** IDA dark sky compliant	GD-1810 (copper & phosphated steel) - 12.3 - 20 W INC			Moonshadow / JP Group
Nightscaping	• "Libertyliter" pedestrian lighting ** IDA dark sky compliant	GD-2404 (copper & stainless steel) - 12.3 - 20 W INC			Moonshadow / JP Group
Nightscaping	• "Libertyliter" pedestrian lighting ** IDA dark sky compliant	GD-4810 (copper & phosphated steel) - 12.3 - 20 W INC			Moonshadow / JP Group
Nightscaping	• "Shari-liter" pedestrian lighting ** IDA dark sky compliant	GD-1802CU (copper & phosphated steel) - 12.3 - 20 W INC			Moonshadow / JP Group

Nightscaping	• "Director" pedestrian lighting ** IDA dark sky compliant**	GD-2510 (copper & stainless steel) -12.3 - 20 W INC			Moonshadow / JP Group
Nightscaping	• "Masonliter" step & wall light	WM-0878CU			Moonshadow / JP Group
Nightscaping	• "Postliter" down light	WM-3535			Moonshadow / JP Group
Nightscaping	• "Post Belliter" down light	WM-1061CU			Moonshadow / JP Group
Nightscaping	• "Railiter"down light	RD-0302			Moonshadow / JP Group
Nightscaping	• "Sagitta" down light	RD-0202			Moonshadow / JP Group

Nightscaping	• "Rose Stem" driveway illuminator	GD-3815 - 12.3 - 20 W INC			Moonshadow / JP Group
Nightscaping	• "Footliter" illuminator	GD-1409 - 12.3 - 20 W INC (also similar 1503CU, 1504CU, 1507CU, 2806, 2612, & 1309)			Moonshadow / JP Group
Nightscaping	•"St. Clairliter" post top illuminator	GD-1818CU			Moonshadow / JP Group
Nightscaping	• "Tikiliter" - combination down light with kerosene & citronella burning wick torch on top	GD-5508CU			Moonshadow / JP Group
Nightscaping	• "Fernliter"	TD-0606			Moonshadow / JP Group

Timers & Motion Dectectors

All of the listed items are available at **HOME DEPOT CANADA**, in Owen Sound. **(http://www.homedepot.ca/)**

See page 6 (above) for location & contact information.   (Similar units were not found at the other retailers listed.)

Motion detectors & timers can be found built into the mounts of some outdoor security lighting fixtures, or can be retrofitted into an existing outdoor fixture.

Motion detectors & timers can also be installed into the light switch receptacle (in place of a simple indoor on/off switch). They turn the light's/lights' circuit (which may also include motion detectors or motion detecting light fixtures) on and off.

Manufacturer	Description	Product #	MSL Price	Photo	Availablility (Spring 2011)
Heath Zenith	**PAR Light Motion Sensor Adapter Retrofit Unit** ------ The SL-5212-WH motion sensor adaptor easily adds motion detection to existing outdoor fixtures with 110˚ motion detection up to 60 ft. Simply screw lamp module into existing light and mount sensor nearby. Uses 1 - 120W Max PAR38 flood bulb (Not Included). 110 Degree Motion Sensor Adapter. Up to 60 ft. Detection Range.	Model: SL-5212-WH Store SKU # 1000473338	$29.99 (in store only)		Home Depot
Heath Zenith	**150 Degree Motion Sensing Post Light Sensor** ------ The SL-4100-BK post light motion sensor is designed to convert existing post light fixtures to motion sensing security lights. Detects motion in a 150 degree arc. Mounts easily to existing 3" lamp post. Features DualBrite 2-level lighting. Converts existing post light fixtures. Mounts easily to existing 3" lamp posts. Selectable light timer: 1, 5 or 20 minutes. Patented DualBrite Two-Level Lighting Technology.	Model: SL-4100-BK Store SKU #: 1000136998	$29.98 (in store only)		Home Depot

Heath Zenith	**Motion Activated Light Switch** ------ The Wireless Command Motion, SL-6051-WH Motion controlled lighting kit converts existing lights to motion activated lights. Just replace your existing switch and mount the wireless motion sensor where desired to detect motion. The wireless motion sensor can be mounted up to 100 ft away from wall switch receiver. The motion sensor features 180 degree motion detection angle up to 70 feet away with selectable sensitivity and light timer of 1 or 5 minutes. The sensor requires two AA batteries that typical last up to one year. When motion is detected, the light controlled by the wall switch will turn on and turn off after motion stops. The wall switch receiver features control of lights up to 300 watts incandescent light and dimming	Model: SL-6051-WH Store SKU #: 1000168600 ------- of five light levels on the switch. The Heath Zenith Wireless Command Motion controlled light kit carries a two year warranty. Includes outdoor motion sensor & wired wall switch. Motion sensor activates wall switch to turn on light when motion is detected. Controls up to 300 Watts of incandescent lighting. Motion sensor uses 2 AA batteries (Not Included).	$49.99 (in store only)		Home Depot
Heath Zenith	**Motion Receptacle Set** ------ The Heath Zenith Wireless Command, WC-6054-WH gives motion control to plug-in devices from across a distance with the motion receptacle set. The indoor motion sensor works with the receptacle up to 100 feet away. The sensor features a wide 150-degree motion detection angle that detects motion up to 30 feet away, has a selectable 1 or 5 minutes light timer and requires 2 AA batteries, not included. Choose for the sensor to detect motion day and night or at night only. The receptacle receiver is for use with up to 1800 watts or 15 amps. The Heath Zenith Wireless Command lighting motion receptacle set carries a two year warranty, battery excluded. Motion sensor activates wall receptacle to turn ON lamp. Controls up to 1800W incandescent lighting or 15 amps. Motion sensor uses 2 AA batteries (not included).	Model: WC-6054-WH Store SKU #: 1000511884 ------	$47.99 (in store only)		Home Depot

Heath Zenith	**Solar LED Motion Sensor Light** ------ This solar powered LED light reduces your electricity costs by using LED bulbs that have an extremely long life and rarely need replacing. No wiring required – simply mount in the desired location and a built-in photocell sensor turns the fixture on automatically at dusk. Motion sensor lights up in the dark. Black finish. 14.76 inch high by 6.5 inch wide. Uses 4 x AA batteries (included)	Model: 20096-014 Internet/Cat #: 935822 Store SKU #: 1000681309	$24.99		Home Depot
GE	**In Wall Digital 7 Day Timer With Wall Plate** ------ Automate your indoor or outdoor lighting using the custom settings on this digital timer. Useful for heaters, pumps, lights or fans. Using timers can save your energy dollars. 7 day cycle. Convenient override switch. Replaces a standard wall switch or older mechanical timer. Digital for more precise timing.	Model: 15265 Store SKU #: 1000663158	$29.99 (in store only)		Home Depot
GE	**In Wall 7 Day Digital Timer** ------ This smart digital timer will allow you to automate your indoor or outdoor lighting using custom settings for each day. It will automatically adjust for daylight savings time. It also includes a random vacation setting. Perfect for lights, fans, heaters or pumps. Convenient override switch. Replaces a standard wall switch or older mechanical timer.	Model: 15266 Store SKU #: 1000663148	$39.99 (in store only)		Home Depot

GE	**In Wall Digital 7 Day Timer With Wall Plate** ------ Automate your indoor or outdoor lighting using the custom settings on this digital timer. Useful for heaters, pumps, lights or fans. Using timers can save your energy dollars. 7 day cycle. Convenient override switch. Replaces a standard wall switch or older mechanical timer. Digital for more precise timing.	Model: 15265 Store SKU #: 1000663158	$29.99 (in store only)		Home Depot
GE	**In Wall 24 Hour Mechanical Timer With Wall Plate** ------ Use this in-wall basic timer to turn indoor or outdoor lights on or off at desired times. It can also be used for heaters or fans. Set it for 30 minute intervals. Deter intruders by turning lights on or off in intervals. Convenient override switch. Replaces a standard wall switch or older mechanical timer. Sets in 30 minute increments.	Model: 15264 Store SKU #: 1000663147	$26.97 (in store only)		Home Depot
GE	**Outdoor Dusk to Dawn Digital Countdown Timer** ------ Turn a light on at dusk and off 1 to 9 hours later. This timer controls two devices and is great for security, landscaping, patio or seasonal lighting. This is an outdoor timer. This digital timer is precise to the minute. Select 8, 6, 4 or 2 hour increments. Durable construction for indoor or outdoor use. Saves energy dollars.	Model: 15255 Store SKU #: 1000663152	$19.99 (in store only)		Home Depot

Retrofit Light Shields

Instead of replacing existing lighting, it is much more economical to equip it with a <u>retrofit light sheild</u>.

Retrofit light shields are available online for some of the worst light polluting type fixtures; yard blaster, security lighting wall packs, and floodlights.

RAB Lighting Company

http://www.rabweb.com/common/catalog/pages/WSHADE.pdf

After

45% more light
On the job!

New! **Shades** Small

Curved and Rectangular Shades to cut glare and improve the looks of smaller lighting fixtures. Die formed aluminum with mounting brackets and stainless steel hardware.

Finish: ● Bronze
○ White

SHC1W

SHR1W

Shades with Full Cutoff Tops
SHR1WCO

Fits Smaller Fixtures
Par Floods   Quartz Floods

Small Wall Fixtures

New! **Shades** Medium

Curved and Rectangular Shades to cut glare and improve the looks of medium size lighting fixtures. Die formed aluminum with mounting brackets and stainless steel hardware.

Finish: ● Bronze
○ White

SHC2A

SHR2W

SHR2WCO

Fits Medium Fixtures
HID Floods   Quartz Floods

Medium Wall Fixtures

New! **Shades** Large

Curved and Rectangular Shades cut glare and improve the looks of larger lighting fixtures. Die formed aluminum with mounting brackets and stainless steel hardware.

Finish: ● Bronze
○ White

SHC3W

SHR3A

SHR3WCO

Fits Large Fixtures
HID Floods

Large Wallpacks

New! **Barn Light Shades**

Cut glare and light pollution from all RAB Yard Blaster and other brand Barn Light fixtures. Die formed aluminum shade attaches with clips or screws. Stainless steel hardware.

Finish: ○ Natural

Fits screw-on Barn Lights:
RAB
Lumark
American
Heath-Zenith
Regent/NCI
Electripak
Designer's Edge

Fits clip-on Barn Lights:
Hubbell
GE

Catalog Numbers

Curved		Rectangular		Curved		Rectangular		Curved		Rectangular		
Bronze	White	Bronze	White	Bronze	White	Bronze	White	Bronze	White	Bronze	White	Natural

Catalog Numbers

Curved Bronze	White	Rectangular Bronze	White	Curved Bronze	White	Rectangular Bronze	White	Curved Bronze	White	Rectangular Bronze	White	Natural
SHC1A	SHC1W	SHR1A	SHR1W	SHC2A	SHC2W	SHR2A	SHR2W	SHC3A	SHC3W	SHR3A	SHR3W	SHY

Add suffix "CO" for full black cutoff top   Add suffix "CO" for full black cutoff top   Add suffix "CO" for full black cutoff top

Dimensions

77

http://www.rabweb.com/common/catalog/pages/WSHADE.pdf

Starry Night Lights

Shopping Cart
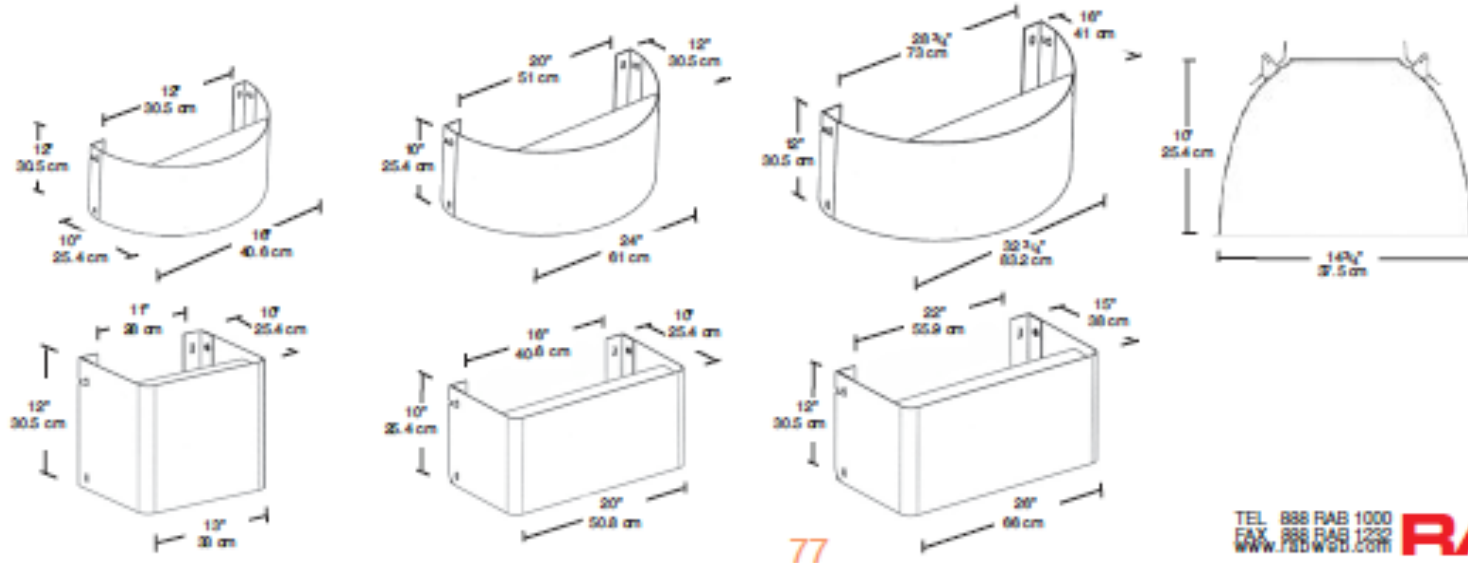
You May Reach Us Via Email At: Sales@StarryNightLights.com

FREE SHIPPING!
continental U.S.
residential orders over $100

Interior Lighting
Outdoor Lighting
Landscape Lighting
Commercial Lighting
Shop by Brand
Shop by Room

LIGHTING BLOG

Aurora Borealis lights up Iceland

Building lights in Seoul off by 11 p.m.

Light Pollution Erases the Stars From Urban Night Skies

LIGHT POLLUTION

Light pollution from improper outdoor lighting wastes billions of dollars and vast quantities of natural resources annually. Starry Night Lights is committed to fighting light pollution and restoring our heritage of star-filled skies. We offer the widest selection of night sky friendly outdoor lighting for your home or business.
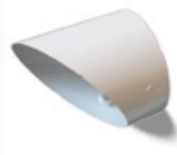
Home > Outdoor Light Shades

Outdoor Light Shades

Outdoor light shades can be used to control the direction that light travels from a fixture... turning obnoxious outdoor light fixtures into neighbor friendly light fixtures
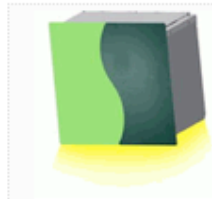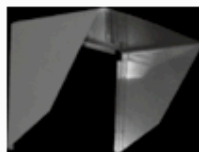
Light Wraps Wall Pack Covers

Parshield - Sky Friendly Flood Light Shades
$25.99

RAB Lighting - SHADES - (rab-shy)
$28.35

RAB Lighting - AL ACCESSORIES - (rab-megh9)
$29.00

General Electric - GE SkyGard Yard Lighting Shield (SGR-1)
$89.99

Bulbrite - Dark Sky Compact Fluorescent Light Bulb - Base Up (BR-CF15C-DS-BU)
$18.95

RAB Lighting - WALLPACK CUTOFF VISORS - (rab-swp1cfw)
$10.00

Bulbrite - Dark Sky Compact Fluorescent Light Bulb - Universal (BR-CF15C-DS-U)
$19.95

FEATURED ITEMS

Glarebuster the original dark sky friendly light.

Wall Sconces JDG sconces in many colors and finishes

Wall Mounts SPJ copper or brass exterior wall mounts

NEW ITEMS

Table Lamps for any style home

Ceiling Lights Brighten any area

SPECIAL OFFERS!

Sign up for our free email newsletter and receive an instant
10% Discount off your purchase!

50

"Skykeepers" (environmental organization) suggestions for lightshades & modifications.

http://www.skykeepers.org/good_fixtures/ca-shields-mods.html

Appleton Electric, 9377 W. Higgins Road Rosemont, IL 60018 Phone: 847-268-6000 Fax: 800-356-4714

Appleton Electric

Polyester AARP-2ST (.pdf) and Deep Dome Reflectors CMR-4DD (.pdf)

Shield for Appleton Industrial Fixtures, see Industrial Luminaires
IDA-Newsletter #42 (June 2000), IDA-Newsletter #45 (March 2001)

General Electric Lighting Systems Hendersonville, NC 28739

GE Lighting Systems - Roadway Roadway Accessories Catalog (.pdf)

• ELS-M2A : For M-250A2 (360° shield)
• ELS-M2R : For M-250R2 (360° shield)
• ELSHS-M4R : House side light shield for M400 and M400A non-cutoff, house and street side light shield for MSRL/MSCL/MDRL/MDCL. More views - Larger,

Hubbell Outdoor Lighting, 701 Millennium Blvd Greenville, SC 29607 864.678.1000 864.678.1065 (fax)

NPU-BI (Hubble Sky Cap)
Full Cutoff, Fits on all Dusk to Dawn Luminaires, available as NITE-TO-LITEtm SKYCAP
Also available through Green Earth Lighting
Also available through Starry Night Lights
IDA Information Sheet 103 & Hubbell SkyCap shield page

PVLV visor, mounted on PRS fixture.

Fits on a number of Hubbell Wall Packs.

LUMINAIRE TECHNOLOGIES & available through Green Earth Lighting

Lite-Blocker
Fits on all Dusk to Dawn Barn Lights, Low Cost
Also available through Green Earth Lighting

Larger view

Parshield®

Parshield®
Also available through Green Earth Lighting,
Also available through Starry Night Lights
See another and larger view
See IDA Information Sheet 159 - Shielding Floodlights

RAB Lighting, 170 Ludlow Avenue Northvale, New Jersey 07647 Tel: 888-RAB-1000 or 201-784-8600 Fax: 888-RAB-1232 or 201-784-0077

SHY Downblaster (link is on wall pack page)

Fits fixtures by, RAB, Lumak, American, Heath-Zenith, Regent, NCI, Electripak, Designers Edge

Shades Catalog Page (.pdf)

SHR2A, SHR2W, SHR3A, SHR3W (link to wall pack page)

Shades Catalog Page (.pdf)

SHR1A, SHR1W (link to wall pack page)

Shades Catalog Page (.pdf)

Visors for RAB models WP1C, WP2C, and WP3C (link to wall pack page)

Shades Catalog Page (.pdf)

Blindrs for RAB models WP1C, WP2C, and WP3C (link to wall pack page)

Shades Catalog Page (.pdf)

◄ ► 🖨 ⌂ 🕐 A A 📖 📑 + 🌐 http://www.greenearthlighting.com/proddetail.asp?prod=RAB%2DDBPkg&cat=9

📖 ▦ BPBO WP–login   Login | Facebook   Flickr: Sign In   Blogger: Sign In   EasyWeb   Wikipedia   Spanish translations ▾   Mac Help ▾   Wikipedia

Green Earth Lighting : Product Details

Green Earth Lighting   🛒 View Cart

Formerly

As a complete fixture replacement ...   http://www.greenearthlighting.com/proddetail.asp?prod=RAB%2DDBPkg&cat=9

Green Earth Lighting : Product Details

Green Earth Lighting
Formerly
Outdoor Lighting Associates

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Neighborhood Friendly
Lighting Since 1994

IDA APPROVED
Dark-Sky Friendly Fixture

Look for the IDA seal of approval.

Product Details

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Effective Lighting

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Products » Area, Flood, Spot Lights and Shields   ➲ checkout

RAB Downblaster Package with 70w HPS lamp

Use less electricity and have more light on the job than a traditional 175 Watt MV "Yard" light.

The RAB Downblaster 70 Watt HPS has a precision die cast aluminum housing with durable polyester powder coat paint and a hydroformed aluminum reflector for maximum light output. * Mounting hardware now included * Heavy duty Photocontrol swivels to face desired direction * Shipped in highly protective molded Styrofoam packaging * Porcelain 4kv pulse rated socket with spring loaded contacts * Packaging has product features, ballast and lamp specifications plus lighting layout photometrics and installation instructions

📄 spec sheet

Wildlife Lighting Specialist

Responsible lighting protects wildlife and plants.

Green Earth Lighting LLC provides wildlife friendly lighting. Wildlife friendly lighting also happens to be people friendly lighting. Do yourself a favor and let us help you with your outdoor lighting.

Price: $94.00

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