

BC LIGHTRECYCLE EXPANSION PROGRAM PRODUCT LIST – November, 2013 Version

The following table provides “recycling fee” rates for the BC LightRecycle Expansion program. These fee rates will be applied on the sale of new lamps, ballasts and fixtures as of **October 1, 2012** and will be paid by program members to Product Care. Information on the types of products captured by each category, as well as relevant definitions and policies, are included in the pages below.

For more information on the BC LightRecycle expansion program or any questions on the product list, please refer to www.lightrecycle.ca or contact Tania Morrill at tania@productcare.org

Product Category	Fee Category	Recycling Fee / Unit: Effective October 1, 2012	Recycling Fee / Unit (residential-use only): Effective Until September 30, 2012
Lamps	1. Fluorescent/Induction/UV Tubes measuring ≤ 2 feet	\$ 0.20	\$ 0.20
	2. Fluorescent/Induction/UV Tubes measuring > 2 feet and ≤ 4 feet	\$ 0.40	\$ 0.40
	3. Fluorescent/Induction/UV Tubes measuring > 4 feet	\$ 0.80	\$ 0.55
	4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	\$ 0.15	\$ 0.15
	5. Light Emitting Diodes (LED)	\$ 0.15	n/a
	6. High Intensity Discharge (HID) and Other	\$ 1.10	
	7. Incandescent / Halogen	\$ 0.05	
	8. Miniature Bulb Package	\$ 0.10	
Fixtures	9. Designated Small Fixtures / Decorative Light Strings	\$ 0.15	
	10. Fixture Category A	\$ 0.85	
	11. Fixture Category B	\$ 1.40	
	12. Large Outdoor Fixtures	\$ 2.50	
Ballasts	13. Ballasts/Transformers (not integrated into lamps or fixtures)	\$ 1.00	

Relevant Section of the BC Recycling Regulation:

Schedule 3, Section 2.3 (e) “all electronic or electrical lighting equipment, parts and bulbs, including lamps, fixtures and flashlights...”

LAMPS		
Program Definition and Policies:	<ul style="list-style-type: none"> • Replaceable components/light sources designed to produce light from electricity, including replacement automotive lamps and grow lamps. <i>Refer to detailed definition of included automotive lamps (vs excluded fixtures) below.</i> • Lamps are commonly referred to as “bulbs” or simply as “lights” by the public. • Includes the sale/supply to all sectors (residential, institutional, industrial or commercial) through all distribution channels • Fees will be assessed on a per-unit basis EXCEPT for category #8, which will be applied on a per-package basis. • Refer to the multipacks policy for details on the fees applied when multiple products are sold in one package • Refer to the presales and contracts policy for details on the fees applied to pre-program sales and contracts signed by members for the supply of program products before the start date of the program • Refer to the integrated lamps policy for details on the fees applied when lamps are sold integrated into fixtures 	
1. Fluorescent/Induction/UV Tubes measuring less than or equal to 2 feet	Typical Size: 2 feet	Fee Rate: \$ 0.20
Includes all diameters and light outputs. Includes shaped fluorescent tubes, low pressure UV tubes and tubular induction lamps (circular, square, U etc.) Note that high pressure UV lamps are found in Category 6, HID and Other.		
2. Fluorescent/Induction/UV Tubes measuring greater than 2 feet and up to or equal to 4 feet	Typical Size: 4 feet	Fee Rate: \$ 0.40
Includes all diameters and light outputs. Includes shaped fluorescent tubes, low pressure UV tubes and tubular induction lamps (circular, square, U etc.) Note that high pressure UV lamps are found in Category 6, HID and Other.		
3. Fluorescent/Induction/UV Tubes measuring greater than 4 feet	Typical Size: 8 feet	Fee Rate: \$ 0.80
Includes all diameters and light outputs. Includes shaped fluorescent tubes, low pressure UV tubes and tubular induction lamps (circular, square, U etc.) Note that high pressure UV lamps are found in Category 6, HID and Other.		
4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps		Fee Rate: \$ 0.15
Fluorescent bulbs that are typically similar in size and intended to replace an incandescent (traditional) light bulb, including pin-type sockets, covered CFLs and various output wattages. Includes screw-in induction lamps.		
5. Light Emitting Diodes		Fee Rate: \$ 0.15
Solid-state lamps used for specialty purposes and conventional lighting applications		
6. High Intensity Discharge (HID) and Other		Fee Rate: \$ 1.10
Includes all HID technologies, such as High Pressure Sodium, Low Pressure Sodium, Mercury Vapour and Metal Halide, as well as UV, Germicidal, UHP replacement lamps (projector etc.), neon replacement lamps, etc.		

7. Incandescent / Halogen	Fee Rate: \$ 0.05
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Filament lamps of all shapes, sizes and wattages (unless captured under category 8)

8. Miniature Bulb Package	Fee Rate: \$ 0.10
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Packages of two or more low voltage* miniature bulbs, miniature neon bulbs, or miniature high voltage indicator lamps. May be LED, halogen, neon, incandescent etc., designed and sold as replacement lamps for such applications as portable lighting (i.e. handheld flashlights), indicator, signaling, signage, emergency, electronic displays, automotive and marine, decorative light strings/tape/ribbon/rope, etc. Please see the [Multipacks Policy](#) for packages of two or more non-miniature lamps.

Fees will be assessed on a per-package basis and NOT on a per-unit basis, as with all other lamp categories. *Note: if miniature bulbs that meet this definition are sold individually and not in a package of two or more, the bulbs can be reported and assessed fees as packages in multiples of 10. I.e. 40 bulbs that meet this definition that are sold individually would be reported as 4 packages and assessed 4 fees of \$0.10 for a total of \$0.40*

*Low voltage includes lamps rated between 0-49 volts.

FIXTURES

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| Program Definition and Policies: | <ul style="list-style-type: none"> Electrical/electronic lighting equipment with a primary purpose to illuminate space, including hardwired, free standing, portable and solar-powered products. Fees will be assessed on a per-unit basis on complete products (see excluded list below for more information). Refer to the multipacks policy for details on the fees applied when multiple products are sold in one package Refer to the presales and contracts policy for details on the fees applied to pre-program sales and contracts signed by members for the supply of program products Fixtures sold with an integrated ballast(s) will be charged a fixture fee and NOT a ballast fee. Refer to the integrated lamps policy for details on the fees applied when lamps are sold integrated into fixtures |
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9. Designated Small Fixtures / Decorative Light Strings	Fee Rate: \$ 0.15
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<p>Book Lights (including Kindle Lights)</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div>	<p>Snake Lights</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
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Bike lights



Flashlights*, Camping Headlamps & Hand-Held Spotlights



* Multipacks containing both flashlights and power tools will not be charged a LightRecycle fee on the flashlight, but will be assessed fees on the applicable number of power tools under the [CESA](#) program.

Pictures are shown as illustrative examples only and should not be considered an endorsement of any brand or supplier

FIXTURES

9. Designated Small Fixtures / Decorative Light Strings

Fee Rate: \$ 0.15

Clamp Spotlights and Clip Lamps



Lamp-holders (stand-alone and single lamp only) – Refer to excluded list for further details on fixture parts



Lanterns and Electric Candles



Night Lights



Single remote head for track/egress lighting etc. (including replacement heads) –Fixed track systems included in Category # 11



Utility/Closet Lights (portable and battery powered only)



**Floating/Submersible lights (portable and battery powered only)
for pools, ponds, bathtubs etc.**



*Note: non-portable/battery powered
pool/fountain fixtures are included in
Category 11*

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FIXTURES

9. Designated Small Fixtures / Decorative Light Strings

Fee Rate: \$ 0.15

Puck/Disk Lights - Compact lighting fixture used for cabinets or display lighting that contains the housing and lamp in a circular (round or oval) "puck" or "disk." May be surface mounted or recessed. Limited to those under 4 inches in diameter and 2 inches in depth. *All other types of recessed/pot lights are captured in Category 10.*



Path/Walkway/Garden/In-Grade/Border/Step Lights (solar powered only) – *Non solar powered equivalents are included in category 10.*



Christmas Light Strings and Light Strings



Products are reported and applied fees in increments of 100 lights. Products of 100 lights or less are applied one recycling fee on a per-unit basis. Products with greater than 100 lights are charged one recycling fee per 100 light increment. I.e. a light string of 460 lights would be reported as 4 units and assessed four fees for a total of \$0.60.

FIXTURES

9. Designated Small Fixtures / Decorative Light Strings (continued)

Fee Rate: \$ 0.15

Rope/Strip/Ribbon/Tape Lights



Products are reported and applied fees in increments of 10 metres. Products of 10 meters or less are applied one recycling fee. Products greater than 10 metres are charged one recycling fee per 10 meter increment. I.e. 38 meters of rope lights would be reported as 3 units and assessed three fees for a total of \$0.45. Members may choose to calculate a fee rate/unit sold to apply at point of sale, and then bundle this into increments of 10 metres/\$0.15 for reporting purposes.

Stake Lights (set of connected units)



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FIXTURES

10. Fixture Category A

Fee Rate: \$ 0.85

Portable Fixtures (with plug, cord or battery)

Desk Lamps



Table Lamps



Floor Lamps



Portable Flood Lights



Work Lights (including work string lights) – linear work lights included in category 12



Emergency / Egress Lights – Does not include exit signs without attached light heads (refer to excluded list for further details)



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FIXTURES

10. Fixture Category A (continued)

Fee Rate: \$ 0.85

Small Outdoor Fixtures

Bollard



Post Lighting (consumer applications only)



Path/Walkway/Garden/In-Grade/Border/Step Lights (non-solar powered only) –solar powered equivalents are included in category 9.



Porch / Patio Lights – string lights included in category 9



*These fixtures may overlap with other sections of this price category

Security Lighting (with or without integrated cameras) – including residential-type security floodlights



Pool and Fountain Fixtures - Floating/Submersible lights (portable and battery powered only) for pools, ponds, bathtubs etc. are included in Category 9, linear pool and fountain fixtures are included in Category 11.



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FIXTURES

10. Fixture Category A (continued)

Fee Rate: \$ 0.85

Small Outdoor Fixtures (continued)

Wall Mount/Small Flood – including commercial “wall packs” and flood lights less than 250 W



Decorative Fixtures

Flush / Semi-Flush



Lamp-holders (stand-alone and for more than one lamp)



*refer to excluded list for more details

Pendant



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FIXTURES

10. Fixture Category A (continued)

Fee Rate: \$ 0.85

Decorative Fixtures (continued)

Recessed / Pot – Fee is only applied to the housing if housing and trims are sold separately, refer to excluded list for more details on trims
 Note: puck/disk lights are included in Category 9. See above for relevant definition.



Fixed Track and Canopy – Replacement heads that are not integrated or attached to a track system are included in Category 9, tracks without heads attached are not included, refer to excluded list for more details



Under Cabinet (including linear fluorescent types)– utility/closet lights (portable and battery powered) included in Category 9



Wall Mount (Including Sconce)



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FIXTURES

10. Fixture Category A (continued)

Fee Rate: \$ 0.85

Chandeliers and Ceiling Fans

Chandeliers



Ceiling Fans with lights – not including bathroom / ventilation fans



Linear Fixtures (including linear shop lights and linear pool/fountain fixtures) – under cabinet lights included in category 10.

Note: Modular and custom built linear fixtures require 1 eco fee for each lighting segment.

Strip Lights



Surfaced, Suspended and Wall Mount



Troffers (recessed and non-recessed)



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FIXTURES

11. Fixture Category B

Fee Rate: \$ 1.40

Non-Linear Fixtures (Commercial and Industrial) – Designed for use in commercial and industrial settings

High / Low Bay Lighting



Parking Garage Fixtures (Ceiling and Wall Mount)



Stage Lighting



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FIXTURES

12. Large Outdoor Fixtures – *designed for use in institutional, commercial and industrial settings*

Fee Rate: \$ 2.50

Area, Highway, Street and Post Lighting - Pole or arm mounted luminaires for sidewalk, street, highway, pathway or post-top lighting, including “shoeboxes” and “cobra heads.” Non consumer applications only.



Flood Lights and Sports Lights – *Flood and sports lights (250 W and above) designed for use in sports fields, stadiums, arenas, tracks, courts, industrial yards, parking lots etc. Note: Smaller flood lights are captured by other categories (e.g. portable flood lights and residential-type security flood lights in Category 10)*



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BALLASTS/TRANSFORMERS

Program Definition and Policies:	<ul style="list-style-type: none"> • A replaceable component designed to regulate or transfer the electrical current/energy in a lighting fixture. • Fees will be assessed on a per-unit basis on lighting ballasts/ transformers that are NOT integrated into lamps or fixtures. • Fixtures sold with an integrated ballast or transformer will be charged a fixture fee and NOT a ballast/transformer fee • See the Integrated Ballasts and Lamps Policy for further details
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13. Lighting Ballasts/Transformers (not integrated into lamps or fixtures)	Fee Rate: \$ 1.00
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Ballasts, all types (Ie: compact fluorescent, electronic, HID, magnetic etc.)

Transformers, includes all types except LED Drivers, which are excluded. Examples of included transformers include constant current, constant voltage, electronic, magnetic etc.

* Note the term ‘power supply device’ may denote a ballast, a transformer or a driver. Refer to product specifications to determine product type. Drivers are excluded from product category 13, and can be found in the list of “Examples of Fixture Parts that are not charged a fee”.

The following types of products are not classified as a fixture and will not be levied fees:

“Light Containing” Products:

Products containing lights with a primary purpose that is not to illuminate or assist in the illumination of space are outside the scope of this program, including, but not limited to:

- Products covered by other schedules of the BC Recycling Regulation and for management in other product stewardship programs in BC. Examples include large appliances, small appliances, medical equipment and electronic products.
- Products containing lights with a primary purpose of signaling or displaying information. See below for detailed examples.

Fixture Parts:

Parts and accessories designed to be integrated into a complete fixture will not be charged a fee. See below for examples. Note that stand-alone lamp holders, replacement heads for track lights and egress lighting, and housing for recessed lights are considered included products (refer to relevant categories above).

Examples of Fixture Parts that are not charged a fee:

1. Table lamp sockets and replacement shades
2. Trim for recessed lights (if not sold integrated into housing)
3. Lighting tracks without heads attached (note: classified as “fixed track” in Category 11 if heads are attached, heads included in Category 9)
4. Lamp-holders for linear fixtures that are not stand-alone and must be integrated into a linear fixture

5. Light switches and controls (dimmers, timers etc.)
6. Replacement cords
7. Lighting posts (if sold separately from post top fixtures)
8. Drivers (ie:LED)

Aeronautical, Marine and Auto Fixtures:

Fixtures designed to be integrated into a mode of transportation* (airplane, boat, train, automobile, truck, trailer with permanently affixed wheels etc.) are excluded from the program if the primary purpose is navigation, navigational safety, signaling or displaying information. These are defined as light-sources that are integrated into a protective lens and/or housing and designed to function as stand-alone or replacement lighting products to permit the transportation device to safely navigate to its destination. Examples include headlights with a built in protective lens or housing, safety lights, trailer lights, tail lights, signal lights, identification lights etc.

Fixtures exclusively designed to illuminate space within one or more types of transportation are also excluded from the program. For example, fixtures designed to light the interior of an automobile or automobile trunk are excluded.

Fixtures that are not exclusively designed to illuminate space within a mode of transportation, and that otherwise meet the definition of included fixtures, are included in the program in the relevant fixture category. For example, if a fixture is sold for the purpose of integration into a mode of transportation but is otherwise indistinguishable from an included fixture sold to illuminate space in a non-transportation based setting (e.g. commercial building), it is included in the program. As an example, fluorescent fixtures that, once sold, can either be integrated into a commercial building or into a trailer are included in the program.

**Land-based mobile housing, office or container units without permanently affixed wheels are not considered to be a mode of transportation.*

Note: Replacement automotive bulbs that do not include a protective lens or housing that collectively functions as a complete fixture or headlight are included in the program in the relevant lamp categories above. Please refer to the [BC LightRecycle Automotive Lighting Product Inclusion Guidelines](#) document for examples.

Examples of excluded “light containing” products that are not classified as a fixture:

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| 1. Alarms, phones etc. for the visually impaired | 15. Garlands (with integrated lights) | 29. Sculptures and statues (decorative) with one or more integrated lights where the primary purpose of the product is decorative and the contained lights are designed to light the decoration itself and not to illuminate surrounding space |
| 2. Aquarium equipment | 16. Laser pointers | 30. Tanning beds |
| 3. Auto fixtures | 17. Lava lamps | 31. Umbrellas with integrated lights |
| 4. Back lit signs | 18. Light up shoes, hats, collars, clothes etc. | 32. Vanity mirrors with lights |
| 5. Bathroom/ventilation fans | 19. Marine/aeronautical fixtures | 33. Watches |
| 6. Black light equipment | 20. Mirror ball lights | 34. Holiday decorations (other than string lights), such as jack-o-lanterns, decorative sculptures (see above) and plastic Santas |
| 7. Bug zapper | 21. Neon signs | 35. Horticultural lighting fixtures (greenhouse or grow lamp fixtures). |
| 8. Camera and video accessories | 22. Plasma ball | |
| 9. Electronic billboards | 23. Propane and gas powered lights | |
| 10. Equipment to heat food | 24. Signaling equipment - traffic lights, railway lights | |
| 11. Equipment to warm animals (brooder fixtures etc.) | 25. Strobe lights | |
| 12. Exit Signs (without light heads) | 26. Sunshine simulator | |
| 13. Fencing (with integrated lights) | 27. Trees (artificial, with integrated lights) | |
| 14. Fountains (with integrated lights) | 28. Medical, dental, veterinarian lighting equipment | |

Note that replacement lamps used in excluded products and which are sold and can be disposed of separately from excluded products are levied fees and included in the program.