

Light Recycling Product Guide

July 2020 Edition



Contents:

Summary of Changes iii

Product Categories and EHF Overview..... iv

British Columbia

BC Regulation 6

BC EHF Information..... 6

Lamps: Program Definitions, Examples
and Policies for BC 7

Fixtures: Program Definitions, Examples
and Policies for BC 10

Ballasts/Transformers: Program Definitions,
Examples and Policies for BC 22

Excluded Items for BC 23

Manitoba

Manitoba Regulation 26

Manitoba EHF Information 26

Lamps: Program Definitions, Examples
and Policies for Manitoba 27

Québec

Québec Regulation 29

Québec EHF Information 30

Lamps: Program Definitions, Examples
and Policies for Québec 30

Prince Edward Island

PEI Regulation 33

PEI EHF Information..... 33

Lamps: Program Definitions, Examples
and Policies for PEI 34

Policies

Multipacks Policy 38

Ballasts / Transformers..... 39

Integrated Products Policy 39

Aeronautical, Marine and Automotive
Fixtures Policy 41

Contact Information..... 43

The following is a summary of changes made to the July 2018 version of the Light Recycling Product Guide:

- **Page iv:** The Product Categories and EHF Overview table was updated to reflect the new fee rates for Manitoba
- **Pages 7, 27, 30 & 34:** The following text was added to the Lamps section for BC, MB, QC and PEI to clarify the inclusion of horticultural lamps: *“Lamps are replaceable components/light sources designed to produce light from electricity, including replacement automotive and grow/horticultural lamps,”*
- **Page 15:** Wake-up lights were added to the description of table lamps.
- **Page 22:** Low voltage incandescent bulbs removed from categories of lights with ballasts.
- **Page 26:** The following revisions were made:
 1. Text was updated to reflect the expansion of the Manitoba Regulation including IC&I sector in the Program: *“The Manitoba light recycling program began on May 1, 2012 and includes residential-use fluorescent tubes and compact fluorescent lamps and expanded on January 1, 2020 to include, industrial, commercial and institutional sector, as mandated by the Manitoba government during program plan renewal approval process.”*
 2. The text in the Manitoba Regulation section was amended to reflect changes in the regulation as follows: *“The Program includes the sale or supply of CFLs and fluorescent tubes in Manitoba including residential, industrial, commercial and institutional sales.”*
 3. The Manitoba EHF Information was updated to reflect the changes in the fee rates and the text updated with the effective date for the new fees as follows: *“EHFs in Manitoba are effective as of February 1, 2020. Product category definitions were last updated June, 2020.”*
- **Page 27:** Text was updated to reflect the inclusion of industrial, commercial and institutional sale and supply: *“Manitoba’s light recycling program includes residential, industrial, commercial, and institutional sale and supply.”*
- **Page 29:** The third point in the Quebec regulation section was revised to: *“Any other type of lamp”, that is, all other types of lamps containing mercury such as High Intensity Discharge (HID) lamps that include, but not limited to: High Pressure Sodium (HPS), Mercury Vapour and Metal Halide, as well as UV-C / Germicidal lamps and tubes, Tubular Induction lamps (circular, square, U, etc.). UHP replacement lamps (projector etc.), neon replacement lamps, etc.”*
- **Page 30:** The following revisions were made:
 1. The Fee Visibility was update with the new name for the responsible Ministry: *“Ministère de l’Environnement et de la Lutte contre les changements climatiques (MELCC)”*
 2. Text in the program definitions was changed to specify that the Program is for mercury containing lamps: *“Mercury containing lamps come in a variety of brands, sizes, wattages, shapes, colour temperatures, base types, applications.”*
- **Page 31:** The category heading was changed to, *“Category of mercury containing lamp”*.
- **Page 39:** The following revisions were made to the Integrated Lamps Policy: Clarified the application of the Policy with respect to BC: *“For BC, most fixture and lamp combinations will be charged a Fixture EHF and NOT a Lamp EHF when the fixture and lamp(s) are sold as a single unit, as supplied by the Original Equipment Manufacturer (OEM), regardless of the channel of distribution.”*
- **Page 44:** Updated contact information for Programs.

Product Categories and EHF Overview

Accepted Products	BRITISH COLUMBIA	MANITOBA	QUEBEC	PRINCE EDWARD ISLAND
Fee Visibility Restrictions	None	None	Restrictions Apply	Restrictions Apply
Fluorescent Tubes measuring ≤ 2 feet	\$0.20	\$0.40	\$0.30	\$0.30
Fluorescent Tubes measuring > 2 feet and ≤ 4 feet	\$0.40	\$0.80	\$0.50	\$0.50
Fluorescent Tubes measuring > 4 feet	\$0.80	\$1.10	\$1.00	\$1.00
Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	\$0.15	\$0.30	\$0.20	\$0.20
Light Emitting Diodes (LED)	\$0.15			\$0.15
High Intensity Discharge (HID), Special Purpose and Other	\$1.10		\$1.10	\$1.10
Incandescent / Halogen	\$0.05			\$0.05
Miniature Bulb Package	\$0.10			\$0.10
Lighting Fixtures and Products	\$0.15			
Ballasts/Transformers	\$0.15			

Latest Version Statement

This document is up to date as of February 2020 and supersedes all preceding Accepted Product Guides, policies, EHF (Environmental Handling Fees) tables and definitions.

Please recycle any previous hard copies and delete all previous electronic copies.

Purpose of this Guide

This guide provides an easy one-stop resource for members to access information about light and lighting equipment stewardship programs managed by Product Care Recycling across Canada, including the governing regulation, included/excluded products, Environmental Handling Fees (EHFs), and provincial rules governing the visibility of fees.

Product Care is a federally incorporated, not-for-profit product stewardship association formed in response to stewardship regulations and is governed by a multi-sector industry board of directors. Product Care provides light recycling services in four provinces, British Columbia, Quebec, Manitoba and PEI. This product guide addresses lamps and lighting equipment only. Product Care also operates stewardship programs for paint, household hazardous wastes, and smoke and carbon monoxide alarms in various provinces on behalf of its industry members. To learn more about other products managed by Product Care, please visit Product Care's website at productcare.org.

This guide is not meant to replace legal advice or provide interpretation of any applicable regulation. For all legal matters, consult a legal professional.

Definition of Environmental Handling Fee (EHF)

Product Care's light recycling programs & the RecycFluo program (Québec) are funded by an EHF applied to the sale or supply of all applicable products according to relevant laws. EHFs vary by product type and by jurisdiction. The EHFs are used to cover program costs, including managing the collection, transportation and recycling systems for applicable products.

The EHF is not a government tax nor is it remitted to the government. The EHF is subject to sales tax as it is considered to be a part of the price of regulated products.

EHFs are payable by Product Care members, and it is the decision of the member



**British
Columbia**

Light Recycling Product Guide British Columbia

The British Columbia (BC) light recycling program began on July 1, 2010 and included residential-use fluorescent lights only. On October 1, 2012, the program expanded to include all lighting products, including all types of light bulbs and tubes, lighting fixtures and ballasts used in residential, commercial, institutional, and industrial applications.

BC Regulation

The BC light recycling program was created by Product Care on behalf of “producers” whose products fall under the “Electronic and Electrical Product Category” of Recycling Regulation ([B.C. Reg. 449/2004](#)) of the Environmental Management Act ([SBC 2003] CHAPTER 53). All producers of these products are obligated to be part of a product stewardship program.

Under Schedule 3, Section 2 (1) (e) of the BC Recycling Regulation, “all electronic or electrical lighting equipment, parts and bulbs” without limitation must be managed under a stewardship program.

BC EHF Information





EHFs in BC were last updated April 1, 2015. Product category definitions were last updated April 1st, 2016.

Fee Visibility: There are no restrictions or limitations on the display of EHF in BC. Manufacturers, retailers and wholesalers may include the recycling EHF in the product price or display it as a separate charge to purchasers.

PRODUCT CATEGORY	FEE CATEGORY	EHF
Lamps	1. Fluorescent Tubes measuring ≤2 ft	\$0.20
	2. Fluorescent Tubes measuring >2 ft and ≤4 ft	\$0.40
	3. Fluorescent Tubes measuring >4 ft	\$0.80
	4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	\$0.15
	5. Light Emitting Diodes (LED)	\$0.15
	6. High Intensity Discharge (HID), Special Purpose 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	\$0.15
	11. Fixture Category B	\$0.15
	12. Large Outdoor Fixtures	\$0.15
Ballasts	13. Ballasts/Transformers (not integrated into lamps or fixtures)	\$0.15

Lamps: Program Definitions, Examples and Policies for BC




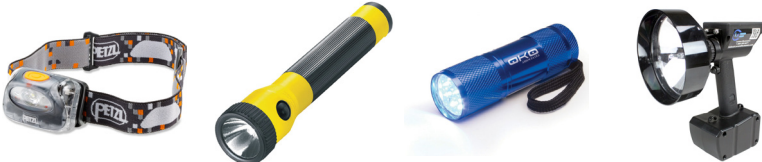

- Lamps come in a variety of brands, sizes, wattages, shapes, colours temperatures, base types, applications and technologies. Please report lamp sales based on the category definitions below.
- Lamps are commonly referred to as “bulbs” or “lights” by the public.
- Lamps are replaceable components/light sources designed to produce light from electricity, including replacement automotive and grow/horticultural lamps.
- BC’s light recycling program includes the sale/supply to all sectors: residential, commercial, institutional and industrial through all distribution channels.
- EHF’s will be assessed on a per-unit basis EXCEPT for category #8, Miniature Bulb Package, which will be applied on a per-package basis.
- Refer to the [Multipacks Policy](#) for details on the EHF’s applied when multiple lamps are sold in one package.
- Refer to the [Integrated Lamps and Ballast Policy](#) for details on the EHF’s applied when lamps are sold integrated into fixtures.
- Refer to the [Aeronautical, Marine and Automotive Fixtures Policy](#) for details on the EHF’s applied for lamps sold in fixtures used in modes of transportation.






CATEGORY	DESCRIPTION	EHF
1. Fluorescent tubes measuring less than or equal to 2 ft	<p>Includes all diameters and light outputs, shaped fluorescent tubes, and UV-A and UV-B tubes.</p> 	\$0.20
2. Fluorescent tubes measuring greater than 2 ft and up to or equal to 4 ft		\$0.40
3. Fluorescent tubes measuring greater than 4 ft		\$0.80
4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	<p>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.</p> 	\$0.15
5. Light Emitting Diodes	<p>Solid-state lamps used for specialty purposes and conventional lighting applications.</p> 	\$0.15
6. High Intensity Discharge (HID), Special Purpose and Other	<p>Includes all HID technologies, such as High Pressure Sodium, Low Pressure Sodium (HPS), Mercury Vapour and Metal Halide, as well as UV-C / Germicidal lamps and tubes, Tubular Induction lamps (circular, square, U etc.), UHP replacement lamps (projector etc.), Neon replacement lamps, etc.</p> 	\$1.10

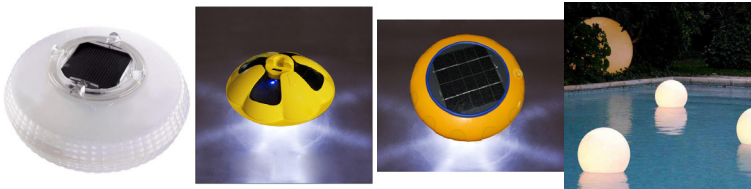


CATEGORY	DESCRIPTION	EHF
7. Incandescent / Halogen	<p>Filament lamps of all shapes, sizes and wattages (unless captured under Category 8)</p> 	\$0.05
8. Miniature Bulb Package	<p>Miniature bulbs are small, or very small bulbs. They can be LED, incandescent, halogen or neon and are typically designed and sold as replacement bulbs for applications such as: portable lighting (i.e., handheld flashlights), indicating, signaling, signage, emergency, electronic displays, automotive and transportation and decorative light strings/tape/ribbon/rope.</p> <p>Miniature bulbs are often sold in packages of two or more. 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 if in packages in multiples of 10. For example, if in a reporting period, 41 single bulbs that meet this definition were sold individually, they would be reported as five “packages of 10” and assessed five fees.</p> <p>Some examples of common base types for miniature bulbs are provided below. Please note this list is not exhaustive.</p> 	\$0.10




Fixtures: Program Definitions, Examples and Policies for BC






- Fixtures come in a variety of brands, sizes, wattages, shapes, materials, base types and applications. Please report fixture sales based on the definitions below.
- Fixtures can be referred to as “lamps” or “lights” by the public.
- Fixtures are electrical/electronic lighting equipment with a primary purpose to illuminate space, including hardwired, free standing, portable and solar-powered products.
- BC’s light recycling program includes the sale/supply to all sectors: residential, institutional, industrial and commercial through all distribution channels.
- EHF’s will be assessed on a per-unit basis on complete products (see excluded list below for more information).
- Fixtures sold with an integrated ballast(s) will be charged a fixture EHF and NOT a ballast EHF.
- Refer to the [Multipacks Policy](#) for details on the EHF’s applied when multiple fixtures are sold in one package.
- Refer to the [Integrated Lamps and Ballast Policy](#) for details on the EHF’s applied when lamps are sold integrated into fixtures.
- Refer to the [Aeronautical, Marine and Automotive Fixtures Policy](#) for details on the EHF’s applied for fixtures used in modes of transportation and examples of excluded and included product.






CATEGORY	DESCRIPTION	EHF
9. Designated Small Fixtures/ Decorative Light Strings	Book Lights (including Kindle Lights) 	\$0.15
	Snake Lights 	
	Bike Lights 	
	Flashlights*, Camping Headlamps, and Handheld Spotlights  <p>*Multipacks containing both flashlights and power tools will not be charged a light recycling fee on the flashlight, but will be assessed fees on the applicable number of power tools under the CESA program.</p>	
	Clamp Spotlights and Clip Lamps 	




CATEGORY	DESCRIPTION	EHF
9. Designated Small Fixtures/Decorative Light Strings (continued)	<p>Lamp-holders (stand-alone and single lamp only) Refer to excluded list for further details on fixture parts.</p> 	\$0.15
	<p>Lanterns and Electric Candles</p> 	
	<p>Night Lights</p> 	
	<p>Single Remote Head for Track/Egress Lighting (including replacement heads). Fixed track systems are in Category 10</p> 	
	<p>Utility/Closet Lights (portable and battery powered only)</p> 	






CATEGORY	DESCRIPTION	EHF
9. Designated Small Fixtures/Decorative Light Strings (continued)	<p>Floating/Submersible Lights for pools, ponds, bathtubs, etc. (portable and battery powered only) Note: Non-portable/battery powered pool/fountain fixtures are included in Category 10.</p> 	\$0.15
	<p>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.</p> 	
	<p>Path/Walkway/Garden/In-Grade/Border/Step Lights (solar powered only). Non solar powered equivalents are included in Category 10.</p> 	





CATEGORY	DESCRIPTION	EHF
9. Designated Small Fixtures/Decorative Light Strings (continued)	<p>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. Products with greater than 100 lights are charged one recycling fee per 100 light increment. For example, a light string of 460 lights would be reported as 5 units and assessed five fees.</p> 	\$0.15
	<p>Rope/Strip/Ribbon/Tape Lights Products are reported and applied fees in increments of 10 metres. Products of 10 metres or less are applied one recycling fee. Products greater than 10 metres are charged one recycling fee per 10 metre increment (i.e., 38 metres of rope lights would be reported as 4 units and assessed four fees). 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.</p> 	
	<p>Stake Lights (set of connected units)</p> 	

CATEGORY	DESCRIPTION	EHF
10. Fixture Category A – Portable Fixtures with a plug, cord, or battery	<p>Desk Lamps</p> 	\$0.15
	<p>Table Lamps (including wake-up lights)</p> 	
	<p>Floor Lamps</p> 	
	<p>Portable Flood Lights</p> 	
	<p>Work Lights (including work string lights)</p> 	






CATEGORY	DESCRIPTION	EHF
10. Fixture Category A – Emergency / Egress Lights	<p>Emergency/Egress Lights. Does not include exit signs without attached light heads (refer to excluded list for further details.)</p> 	\$0.15
10. Fixture Category A – Small Outdoor Fixtures	<p>Bollard</p> 	\$0.15
	<p>Post Lighting (consumer applications only)</p> 	
	<p>Path, Walkway, Garden, In-Grade, Border, Step Lights (non-solar powered only). Solar powered equivalents included in Category 9</p> 	
	<p>Porch/Patio Lights. String lights included in Category 9.</p> 	

CATEGORY	DESCRIPTION	EHF
10. Fixture Category A – Small Outdoor Fixtures (continued)	<p>Security Lighting (with or without integrated cameras) - Including residential-type security floodlights</p> 	\$0.15
	<p>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 10.</p> 	
	<p>Wall Mount/Small Flood – including commercial “wall packs” and flood lights less than 250 W</p> 	

CATEGORY	DESCRIPTION	EHF
10. Fixture Category A – Decorative Fixtures	<p>Flush/Semi-Flush</p> 	\$0.15
	<p>Lamp-holders (stand-alone and for more than one lamp)</p> 	
	<p>Pendant</p> 	
	<p>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.</p> 	
	<p>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.</p> 	

CATEGORY	DESCRIPTION	EHF
10. Fixture Category A – Decorative Fixtures (continued)	Under Cabinet (including linear fluorescent types) – utility/closet lights (portable and battery powered) included in Category 9 	\$0.15
	Wall Mount (including sconces) 	
10. Fixture Category A – Chandeliers and Ceiling Fans	Chandeliers 	\$0.15
	Ceiling Fans with Lights – not including bathroom or ventilation fans 	


CATEGORY	DESCRIPTION	EHF
<p>10. Fixture Category A – Linear Fixtures (including linear shop lights and linear pool/fountain fixtures)</p> <p>Under cabinet lights included in Category 10. Modular and custom built linear fixtures require 1 EHF for each lighting segment.</p>	<p>Strip Lights</p> 	\$0.15
	<p>Surfaced, Suspended, and Wall Mount</p> 	
	<p>Troffers (recessed and non-recessed)</p> 	
	<p>LED Panel Lighting (surfaced and suspended)</p> 	

CATEGORY	DESCRIPTION	EHF
11. Fixture Category B – Non-Linear Fixtures (commercial and industrial)	<p>High/Low Bay Lighting</p> 	\$0.15
	<p>Parking Garage Fixtures (Ceiling and Wall Mount)</p> 	
	<p>Stage Lighting</p> 	
12. Large Outdoor Fixtures Designed for use in institutional, commercial, and industrial settings	<p>Area, Highway, Street, Post Lighting. Pole or arm mounted luminaries for sidewalk, street, highway, pathway or post-top lighting, including “shoeboxes” and “cobra heads”. Non consumer applications only.</p> 	\$0.15
	<p>Flood Lights and Sports Lights - (≥ 250 W) 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)</p> 	

Ballasts/Transformers: Program Definitions, Examples and Policies for BC

Includes all brands, wattages and styles of ballasts and transformers for all fluorescent, HID, and neon lighting applications. Note that LED Drivers are excluded. Please report ballast/transformer sales based on the definitions below.

- The term 'power supply device' may denote a ballast, a transformer or a driver. Refer to product specifications to determine product type.
- Ballasts/transformers are a replaceable component designed to regulate or transfer the electrical current/energy in a lighting fixture.
- EHF's 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/transformer will be charged a Fixture EHF and NOT a Ballast/Transformer EHF.
- Refer to the [Multipacks Policy](#) for details on the EHF's applied when multiple Ballasts/Transformers are sold in one package.
- Refer to the [Integrated Lamps and Ballast Policy](#) for further details.

CATEGORY	DESCRIPTION	FEE
13. Lighting Ballasts/ Transformers (not integrated into lamps or fixtures)	<p>Ballasts, all types (i.e., compact fluorescent, electronic, HID, magnetic etc.)</p> 	\$0.15

Excluded Items for BC

The following products are exempt from EHF's and are not collected as part of BC's light recycling program.

Replacement lamps used in excluded fixtures and products should be charged EHF's and included in the program if they are sold separately and can be disposed of separately from the fixture or product.

"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.
- | | | |
|--|---|--|
| 1. Alarms, phones and devices for the visually impaired | 18. Lava lamps | 30. Decorative sculptures and statues 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 | 19. Light up shoes, hats, collars, and clothes | 31. Tanning beds |
| 3. Auto fixtures | 20. Marine and aeronautical fixtures | 32. Umbrellas with integrated lights |
| 4. Back lit signs | 21. Mirror ball lights | 33. Vanity mirrors with lights |
| 5. Ventilation fans | 22. Neon signs | 34. Watches |
| 6. Black light equipment | 23. Plasma balls | 35. Holiday decorations (other than string lights and stake lights), such as jack-o-lanterns, decorative sculptures and plastic Santas |
| 7. Bug zappers | 24. Propane and gas powered lights | 36. Horticultural lighting fixtures such as greenhouse or grow lamp fixtures |
| 8. Camera and video accessories | 25. Signaling equipment such as traffic lights and railway lights | |
| 9. Electronic billboards | 26. Strobe lights | |
| 10. Equipment to heat food | 27. Sunshine simulators | |
| 11. Equipment to warm animals (such as brooder fixtures) | 28. Trees (artificial, with integrated lights) | |
| 12. Exit signs without light heads | 29. Medical, dental and veterinarian lighting equipment | |
| 13. Fencing with integrated lights | | |
| 14. Fountains with integrated lights | | |
| 15. Garlands with integrated lights | | |
| 16. Decorative key chains with integrated lights | | |
| 17. Laser pointers and other laser products | | |

Fixture Parts:

Parts and accessories designed to be integrated into a complete fixture will not be charged an EHF. 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 an EHF:

- 1. Table lamp sockets and replacement shades
- 2. Trim for recessed lights sold separately from housing
- 3. Lighting tracks without heads attached

Note: If heads are attached, product is classified as “fixed track” in category 10, heads sold separately are 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 (such as dimmers and timers)
- 6. Replacement cords
- 7. Lighting posts sold separately from post top fixtures
- 8. LED drivers



Manitoba

The Manitoba light recycling program was created by Product Care pursuant to the requirements of the Household Hazardous Material and Prescribed Material Stewardship Regulation issued under The Waste Reduction and Prevention Act (C.C.S.M. c. W40) and the draft Guideline for stewardship programs issued by Manitoba Conservation.

The Manitoba light recycling program began on May 1, 2012 and includes residential- use fluorescent tubes and compact fluorescent lamps. The program expanded on January 1, 2020 to include, industrial, commercial and institutional sector, as mandated by the Manitoba government during program plan renewal approval process.

Obligated Products

Lights for this program are covered under Section 2 (g) fluorescent lighting tubes and compact fluorescent lights category. Manitoba's light recycling program includes the sale or supply to residential, institutional, industrial and commercial.

Manitoba EHF Information



EHFs in Manitoba are effective as of February 1, 2020. Product category definitions were last updated February 2021.

PRODUCT CATEGORY	FEE CATEGORY	EHF
Lamps	1. Fluorescent Tubes measuring ≤2 ft	\$0.40
	2. Fluorescent Tubes measuring >2 ft and ≤4 ft	\$0.80
	3. Fluorescent Tubes measuring >4 ft	\$1.10
	4. Compact Fluorescent Lights (CFL) / Screw-In Induction Lamps	\$0.30

Fee Visibility: There are no restrictions or limitations on the display of EHFs in Manitoba. Manufacturers, retailers and wholesalers may include the recycling EHF in the product price or display it as a separate charge to purchasers.

Lamps: Program Definitions, Examples and Policies for Manitoba

- EHF's will be assessed on a per-unit basis.
- Refer to the Multipacks Policy for details on the EHF's applied when multiple lamps are sold in one package.
- Refer to the Integrated Lamps and Ballast Policy for details on the EHF's applied when lamps are sold integrated into fixtures. Note that ballasts and fixtures are not part of the Manitoba light recycling program.
- Report lamp sales based on the category definitions below:

CATEGORY	DESCRIPTION	EHF
1. Fluorescent tubes measuring less than or equal to 2 ft		\$0.40
2. Fluorescent tubes measuring greater than 2 ft and up to or equal to 4 ft		\$0.80
3. Fluorescent tubes measuring greater than 4 ft		\$1.10
4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps		\$0.30



Québec

The Québec RecycFluo Program started on July 14, 2012 and began collecting EHF's from members on October 1, 2012. The program includes all mercury-containing lamps sold separately, including sales to the residential, industrial, commercial and institutional (IC&I) sectors. On October 1, 2013, the program expanded to include all component mercury-containing lamps sold integrated into lighting fixtures and automotive applications.

Québec Regulation

The Québec RecycFluo Program was created by PCA according to the Regulation respecting the recovery and reclamation of products by enterprises ([Chapter Q-2, r. 40.1](#)).

Section 35 lists the products covered by the Regulation, that is, all marketed lamps containing mercury, without exception, whether used by a residential or an IC&I customer base. Mercury lamps are grouped together according to three subcategories:

1. "Fluorescent tubes", that is, tubular lamps containing mercury, equipped with a pin base, whether linear or non-linear, i.e. including tubes that are circular, square or other.
2. "Compact fluorescent lamps", that is, lamps in the shape of a miniaturized tube, sometimes twisted, containing mercury. They come in a wide variety of shapes and sizes, are equipped with either a screw base or integrated ballast, or with a pin base (without ballast). Their most common use is indoor residential lighting. Lamps equipped with an integrated ballast (screw base) are very popular and designed to directly replace incandescent lamps. Compact fluorescent lamps are often called "light bulbs" or "compact fluorescent light bulbs (CFL)".
3. "Any other type of lamp", that is, all other types of lamps containing mercury such as High Intensity Discharge (HID) lamps that include, but not limited to: High Pressure Sodium (HPS), Mercury Vapour and Metal Halide, as well as UV-C / Germicidal lamps and tubes, Tubular Induction lamps (circular, square, U, etc.). UHP replacement lamps (projector etc.), neon replacement lamps, etc.



Québec EHF Information

EHFs in Québec are effective as of October 1, 2012. Product category definitions were last updated April 1, 2016.

PRODUCT CATEGORY	FEE CATEGORY	EHF
Lamps	1. Fluorescent Tubes measuring ≤2 ft	\$0.30
	2. Fluorescent Tubes measuring >2 ft and ≤4 ft	\$0.50
	3. Fluorescent Tubes measuring >4 ft	\$1.00
	4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	\$0.20
	5. High Intensity Discharge (HID), Special Purpose and Other	\$1.10

Fee Visibility: There are restrictions on the display of EHF in Québec. Manufacturers, retailers and wholesalers are required to internalize the EHF in the product price. The Ministère de l'Environnement et de la Lutte contre les changements climatiques (MELCC) has posted [examples of accepted and prohibited EHF display](#).

Lamps: Program Definitions, Examples and Policies for Québec

- Mercury containing lamps come in a variety of brands, sizes, wattages, shapes, colour temperatures, base types, applications.
- Please report lighting sales based on the category definitions below.
- Lamps are commonly referred to as “bulbs” or simply as “lights” by the public.
- Lamps are replaceable components/light sources designed to produce light from electricity, including replacement automotive and grow/horticultural lamps.
- QC’s RecycFluo program includes the sale/supply to all sectors: residential, institutional, industrial and commercial through all distribution channels.
- Refer to the [Multipacks Policy](#) for details on the EHF applied when multiple lamps are sold in one package.
- Refer to the Integrated Fixtures Policy for details on the EHF applied when lamps are sold integrated into fixtures. Note that ballasts and fixtures are not part of the Québec light recycling program.

CATEGORY OF MERCURY CONTAINING LAMPS	DESCRIPTION	EHF
1. Fluorescent tubes measuring less than or equal to 2 ft	Includes all diameters and light outputs, shaped fluorescent tubes, and UV-A and UV-B tubes. 	\$0.30
2. Fluorescent tubes measuring greater than 2 ft and up to or equal to 4 ft		\$0.50
3. Fluorescent tubes measuring greater than 4 ft		\$1.00
4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	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. 	\$0.20
High Intensity Discharge (HID), Special Purpose and Other	Includes all HID technologies that contain mercury, such as High Pressure Sodium (HPS), Mercury Vapour and Metal Halide, as well as UV-C / Germicidal lamps and tubes, Tubular Induction lamps (circular, square, U, etc.). UHP replacement lamps (projector etc.), neon replacement lamps, etc. 	\$1.10



Prince Edward Island

The Prince Edward Island (PEI) light recycling program began on April 1, 2015 and includes all lamp technologies used in residential, commercial, institutional and industrial applications, but excludes lighting fixtures.

PEI Regulation

The PEI light recycling program was created by Product Care pursuant to the requirements of the Environmental Protection Act ([R.S.P.E.I. 1988, Cap. E-9](#)) Materials Stewardship and Recycling Regulations.

The Regulation includes all lamp technologies regardless of the type of user (i.e., residential and IC&I lamps are all included).

Under Section 46 “lamp product” means a light source designed to produce light from electricity including, but not limited to:

- (i) fluorescent tubes,
- (ii) compact fluorescent lamps,
- (iii) high-intensity discharge lamps,
- (iv) incandescent lamps and
- (v) light-emitting diode lamps

PEI EHF Information



EHFs in PEI are effective as of April 1, 2015. Product category definitions were last updated April 1, 2016.




PRODUCT CATEGORY	FEE CATEGORY	EHF
Lamps	1. Fluorescent Tubes measuring ≤2 ft	\$0.30
	2. Fluorescent Tubes measuring >2 ft and ≤4 ft	\$0.50
	3. Fluorescent Tubes measuring >4 ft	\$1.00
	4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	\$0.20
	5. Light Emitting Diodes (LED)	\$0.15
	6. High Intensity Discharge (HID), Special Purpose and Other	\$1.10
	7. Incandescent / Halogen	\$0.05
	8. Miniature Bulb Package	\$0.10


Fee Visibility: According to section 54 of the Regulation “No retailer shall charge a consumer any separate EHF with respect to the costs associated with implementing or operating a lamp product stewardship plan.” (EC349/14)

Lamps: Program Definitions, Examples and Policies for PEI

- Lamps come in a variety of brands, sizes, wattages, shapes, colour temperatures, base types, applications and technologies. Please report lighting sales based on the category definitions below.
- Lamps are commonly referred to as “bulbs” or simply as “lights” by the public.
- Lamps are replaceable components/light sources designed to produce light from electricity, including replacement automotive and grow/horticultural lamps.
- PEI’s light recycling program includes the sale/supply to all sectors: residential, institutional, industrial and commercial through all distribution channels.
- EHF’s will be assessed on a per-unit basis EXCEPT for category #8, which will be applied on a per-package basis.
- Refer to the [Multi-Pack Policy](#) for details on the EHF’s applied when multiple lamps are sold in one package.
- Refer to the [Integrated Lamps and Ballast Policy](#) for details on the EHF’s applied when lamps are sold integrated into fixtures. Note that ballasts and fixtures are not part of the PEI light recycling program.

CATEGORY	DESCRIPTION	EHF
1. Fluorescent tubes measuring less than or equal to 2 ft	Includes all diameters and light outputs, shaped fluorescent tubes, and UV-A and UV-B tubes. 	\$0.30
2. Fluorescent tubes measuring greater than 2 ft and up to or equal to 4 ft		\$0.50
3. Fluorescent tubes measuring greater than 4 ft		\$1.00
4. Compact Fluorescent Lights (CFL)/ Screw-In Induction Lamps	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. 	\$0.20

CATEGORY	DESCRIPTION	EHF
5. Light Emitting Diodes	<p>Solid-state lamps used for specialty purposes and conventional lighting applications</p> 	\$0.15
6. High Intensity Discharge (HID), Special Purpose and Other	<p>Includes all HID technologies, such as High Pressure Sodium (HPS), Low Pressure Sodium, Mercury Vapour and Metal Halide, Tubular Induction lamps (circular, square, U, etc.), UHP replacement lamps (projector etc.), neon replacement lamps, etc.</p> <p>* Please note: UV / Germicidal Lamps and Tubes (UVC) are excluded from the PEI LightRecycle Program.</p> 	\$1.10
7. Incandescent / Halogen	<p>Filament lamps of all shapes, sizes and wattages (unless captured under category 8)</p> 	\$0.05

CATEGORY	DESCRIPTION	EHF
8. Miniature Bulb Package	<p>Miniature bulbs are small, or very small bulbs. They can be LED, incandescent, halogen or neon and are typically designed and sold as replacement bulbs for applications such as: portable lighting (i.e., handheld flashlights), indicating, signaling, signage, emergency, electronic displays, automotive and transportation and decorative light strings/tape/ribbon/rope.</p> <p>Miniature bulbs are often sold in packages of two or more. 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 if in packages in multiples of 10. For example, if in a reporting period, 41 single bulbs that meet this definition were sold individually, they would be reported as 5 “packages of 10” and assessed 5 fees.</p> <p>Some examples of common base types for miniature bulbs are provided below. Please note this list is not exhaustive.</p> 	\$0.10

Policies

Multipacks Policy

Lamps:

The following policy applies to: BC, Manitoba, Québec and PEI

Lamp EHF's are assessed on a per-unit basis excluding Miniature Bulb Packages (where applicable). Where multiple lamps are sold in one package, the EHF's are additional based on the EHF per unit that would be charged.

Example: A package of four CFLs is levied four CFL EHF's.

Policy Exception – Category 8: Miniature Bulb Packages (Miniature Bulbs included in BC and PEI programs only)

Packages of two or more miniature bulbs are assessed EHF's on a per-package basis (up to 10 units) and not on a per-unit basis, as with all other lamp categories. This policy exception only applies to provinces where Miniature Bulbs Packages are included as part of the program.

Example: A package of eight miniature bulbs is levied one miniature bulb package EHF.

Fixtures:

The following policy applies to: BC

Fixture EHF's are assessed on a per-unit basis for stand-alone fixtures except for Track Lights, Linear Fixtures (BC Category 10) and Large Outdoor Fixtures (BC category 12). Where multiple stand-alone fixtures that are not designed to be wired together or integrated into a complete fixture are sold in one package, the EHF's are additional based on the EHF per unit that would be charged.

Example 1: A package of four flashlights is charged four Designated Small Fixtures EHF's.

Example 2: A package of two table lamps is charged two Fixture category A EHF's.

Example 3: A Christmas light string set of 40 lights is charged one Decorative Light String EHF.

Example 4: A wall mount fixture with four integrated sconces is charged one Fixture category A EHF.

Track Lights – Remote Heads and Fixed Track Fixtures (Fixture category A)

A fixed track fixture with attached or integrated track heads is levied one Fixture category A EHF. Remote heads for track light systems that are not sold attached or integrated into a fixed track fixture are levied a per-unit Designated Small Fixture EHF on each head. Lighting tracks without attached heads are not levied an EHF.

Linear Fixtures (Fixture category A)

Where multiple Linear Fixtures (e.g., troffers, strip lights etc.) are sold and/or designed to be incorporated into a single “run,” each individual linear fixture divided by a point of disassembly (i.e., seam) is assessed a separate EHF, regardless of whether the run is designed to look “seamless”.

Example: Six troffers (Fixture category A) are sold to be incorporated into a single run, divided by 5 points of disassembly (i.e. seams). Six Fixture category A EHF's are levied.

Large Outdoor Fixtures

Fixtures meeting the definitions of Large Outdoor Fixtures are levied a per-unit EHF on each fixture head, regardless of whether they are sold with, or attached to, a lighting post or cross arm. Posts and cross arms sold separately are not levied EHF's.

Ballasts / Transformers:

The following policy applies to: BC

Ballast/transformer EHF's are assessed on a per-unit basis. Where multiple ballasts or transformers are sold in one package, the EHF's are additional based on the EHF per unit that would be charged.

Example 1: A package of two ballasts is levied two Ballast/Transformer EHF's.

Example 2: A package of two transformers is levied two Ballast/Transformer EHF's.

Integrated Products Policy

Integrated Lamps:

The following policy applies to: BC, MB, QC & PEI

In Manitoba and Prince Edward Island, only apply a lamp EHF as fixtures are not covered under the Manitoba and PEI light recycling programs.

For BC, most fixture and lamp combinations will be charged a Fixture EHF and NOT a Lamp EHF when the fixture and lamp(s) are sold as a single unit, as supplied by the Original Equipment Manufacturer (OEM), regardless of the channel of distribution.

For Manitoba, Québec and Prince Edward Island, apply a lamp EHF only on fixture and lamp combinations, as fixtures are

not covered under Manitoba, Québec and PEI light recycling programs.

For BC, the following fixture and lamp combinations sold with one or more integrated and/or replaceable lamps are exempt from the above rule:

- Linear Fixtures, classified in Fixture category A sold with one or more integrated and/or replaceable Linear Fluorescent Tubes
- Area, Highway, Street and Post Lighting, classified in the Large Outdoor Fixtures Category sold with one or more integrated and/or replaceable HID or other lamps.

In these instances, an EHF will be applied on the fixture and each lamp sold with the fixture, regardless of the channel of distribution.

The following are examples of how to apply this policy:

Example 1: A linear troffer is sold without integrated fluorescent tubes. In BC, one Fixture Category A EHF is applied. In MB, QC, and PEI, no EHF is applied.

Example 2: A linear troffer is sold with four integrated and/or replaceable 4 ft. fluorescent tubes. In BC, one Fixture Category A EHF and four 4 ft. Fluorescent Tube EHF are applied. In MB, QC, and PEI, four 4 ft. Fluorescent Tube EHF are applied.

Example 3: A highway “cobra head” light is sold without an integrated HID lamp. In BC, one Large Outdoor Fixture EHF is applied. In MB, QC, and PEI, no EHF is applied.

Example 4: A highway “cobra head” light is sold with one integrated and/or replaceable HID lamp. In BC, one Fixture Category A EHF and one HID EHF is applied. In MB, no fee is applied since fixtures and HIDs are both not included in the program. In QC PEI, no HID EHF is applied.

Integrated Ballasts:

The following policy applies to: BC

Fixtures sold with an integrated ballast will be charged a Fixture EHF and not a Ballast EHF.

How to Report and Remit EHF on Fixtures with Integrated Lamps (if above policy applies):

PCAs online EHF reporting system requires each member to file monthly sales reports, which generates an invoice that must be paid by the member. This requires the member to input the total number of units of each of the product categories that were sold/supplied during the reporting period.

Fixtures sold with one or more integrated lamps that are charged both a fixture EHF and one or more lamp EHF are unique in that different product categories are sold as one “unit.” Members may have different IT or manual systems to assign unique EHF to these products that equate to the applicable number of lamps and fixture EHF, in order to recoup the full amount of money from the customer that must be remitted to the program.

Where possible, members are encouraged to “separate” these products for the purposes of online EHF reporting and report the applicable products separately as fixtures and

lamps. As per example 4 above, a highway “cobra head” sold with an integrated HID lamp should be reported separately as one Large Outdoor Fixture unit and one HID unit.

If a member’s IT or manual system for tracking EHF’s does not allow applicable fixtures sold with integrated lamps to be reported separately in this manner, the member may “over report” the applicable number of fixture units in the relevant fixture category that equates to the same total amount paid. The member can determine the number of fixture units they should report by dividing the total amount of money owed for the combination of products by the EHF rate for the fixture category. Relevant details should be reported in the methodology section of the sales report to explain how the number of units was calculated. The member should keep a copy of all relevant fee records on file for future audits.

Note: The methodology explained in this section should only be used if a member is unable to “separate” these products for the purposes of online fee reporting, as described above, which is the preferred and recommended approach.




Aeronautical, Marine and Automotive Fixtures Policy

The following policy applies to: BC

Excluded Fixtures:

All fixtures integrated into a mode of transportation are excluded from the program provided that the primary purpose is navigation, navigational safety, signaling or displaying information, or illuminating space within the mode of transportation. 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 or illuminate a space within the mode of transportation. Examples of excluded fixtures are provided below.

Examples of Excluded Fixtures:

CATEGORY	DESCRIPTION
Headlights with a built in protective lens or housing:	
Decorative / Accessory Lighting:	
Safety / Trailer / Tail / Identification Lights:	

Included Fixtures:

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.

For greater clarity, replacement automotive bulbs that do not include a protective lens or housing that collectively function as a complete fixture or headlight are included in the program in the relevant lamp category.

Contact Information

BC Light Recycling
1-888-772-9772
info@lightrecycle.ca

Québec RecycFluo
1-888-860-1654
assistance@recycfluq.ca

MB Light Recycling
1-888-772-9772
info@lightrecycle.ca

PEI Light Recycling
1-888-772-9772
peilights@productcare.org

Compiled and edited by
Product Care Association
July 2020 Edition

