

# Product Environmental Profile

## Standby remote controls for emergency lighting



### URA'S ENVIRONMENTAL COMMITMENTS

**• Manufacturing our products on ISO 14001-certified sites**

To minimize the impact of our activity on the environment.

**• Take eco-design principles into account in all new product developments**

(or upgrades to existing products) to reduce the environmental impact of our products throughout their life cycle.

**• To provide precise information on the environmental impact of our main products**


By producing a Product Environmental Profile (PEP) sheet for each product.

**• Developing innovative solutions**

To help our customers design facilities that consume less energy, are better managed and more respectful of the environment.



### REFERENCE PRODUCT

<b>Function</b>	Enables self-contained emergency lighting units to be put to rest to prevent their batteries from discharging, after the lighting circuits have been voluntarily interrupted. This function is guaranteed for 10 years by its autonomous power supply.
<b>Reference Product</b>	
	Cat.No 140011 Remote standby for SATI - capacity 600 blocks

The company reserves the right to change specifications and designs without notice. All illustrations, descriptions, dimensions and weights in the document are for guidance and cannot be held binding on the company.



### PRODUCTS CONCERNED

The environmental data is representative of the following products:

<b>Catalogue Numbers</b>
• 140010 - 140012

# Product Environmental Profile

Standby remote controls for emergency lighting



## ■ CONSTITUENT MATERIALS

This Reference Product contains no substances prohibited by the regulations applicable at the time of its introduction to the market.

<b>Total weight of Reference Product</b>	<b>0.356 kg</b> (all packaging included)
--	--

Product alone weight : 0.184 kg					
Plastics as % of weight		Metals as % of weight		Other as % of weight	
PC	18.1 %	Steel	1.4 %	PWB > 10cm <sup>2</sup>	22.2 %
PA	0.8 %			Batteries	9.4 %

Packaging (alone) : 0.171 kg					
PE	0.4 %			Wood	35.1 %
				Cardboard	9.5 %
				Paper	3.1 %
<b>Total plastics : 0.067 kg</b>	<b>19.3 %</b>	<b>Total metals : 0.005 kg</b>	<b>1.4 %</b>	<b>Total others : 0.284 kg</b>	<b>79.3 %</b>

At the date of edition of this document, the content of recycled material(s) is :

- Product alone (excluding packaging): 0% by mass
- Packaging only: 17% by mass



## ■ MANUFACTURING

This Reference Product comes from sites that have received ISO14001 certification.



## ■ DISTRIBUTION

Products are distributed from logistics centres located with a view to optimize transport efficiency. The Reference Product is therefore transported over an average distance of 378 km by trucks from our warehouse to the local point of distribution into the market all around the world.

Packaging is compliant with European directive 2004/12/EU concerning packaging and packaging waste and french decree 98-638.



## ■ INSTALLATION

For the installation of the product, only standard tools are needed.



## ■ USE

It is carried out by replacing defective parts:

replacement of 2 battery packs: modelling is based on a battery life of 4 years, i.e. 2 packs of 9 V Ni-Cd or NiMH technology batteries with a modelled life of Ni-Cd or NiMH technology for a modelled service life of 10 years (in addition to the PP 8.4 V NiMH batteries supplied with the product).

# Product Environmental Profile

Standby remote controls for emergency lighting



## END OF LIFE

The product end of life factors are taken into account during the design phase. Dismantling and sorting of components or materials is made as easy as possible with a view to recycling or failing that, another form of reuse. This product falls within the scope of the WEEE directive (2012/19/EU). Therefore it must be processed through local WEEE recycling/recovery channels.

**• Elements to process specifically :**

In accordance with the requirements of this directive, the following components must be removed and sent to specific channels for processing which comply with the WEEE Directive 2012/19/EU:

- Others batteries : 33 g ; PWB > 10cm<sup>2</sup> : 88 g

**• Extended producer responsibility:**

In France, the sale of products covered by the field of application of the European Directive on Waste Electronic and Electrical Equipment (WEEE) is subject to a contribution to a certified eco-organisation.



## ENVIRONMENTAL IMPACTS

The evaluation of environmental impacts examines the stages of the Reference Product life cycle : manufacturing, distribution, installation, use and end of life. It is representative of products marketed and used in France in an electrical installation in compliance with NF C 15100 and associated product standards.

For each phase, the following modelling elements were taken in account :

<b>System Limit</b>	<b>Manufacture A1-A3</b>	Materials and components of the product, all transport for the manufacturing, the packaging and the waste generated
	<b>Distribution A4</b>	Transport between the last Group distribution centre and an average delivery point in the sales area.
	<b>Installation A5</b>	The end of life of the packaging.
	<b>Use B1-B7</b>	<ul style="list-style-type: none"> <li>• Product category : Other equipments : Active Products</li> <li>• Use scenario : For a service life of 10 years at 100% load. This modeling period does not constitute a minimum durability requirement.</li> <li>• Energy mode : Electricity Mix_Low voltage_2018_France_FR</li> </ul>
	<b>End of life C1-C4</b>	Choice of end-of-life by default model for PCR-ed4-EN-2021 09 06
<b>D Module</b>	Module D is calculated according to PCR-ed4-EN-2021 09 06 based on the materials recycled and the modelled end-of-life scenario. It expresses the net benefits and loads beyond the boundaries of the system, and are not to be included in the life cycle totals.	
<b>Software and data-base used</b>	The indicators set used is « Indicators for PEF EF 3.0 (compliance: PEF ed.4, EN15804+A2) v2.0 » EIME V6 & its database CODDE-2023-02	

Unless otherwise indicated the modelling energetic mix are those integrated in the data modules used from the aforementioned database.

# Product Environmental Profile

## Standby remote controls for emergency lighting



### ENVIRONMENTAL IMPACTS

	Total Life Cycle		Manufacturing	Distribution	Installation	Use <sup>(1)</sup>			End of life	Module D
			A1-A3	A4	A5	Total B1-B7	B2	B6	C1-C4	
Climate change - total	6.47E+01	kg CO2 eq.	2.90E+00	6.78E-03	1.72E-02	6.15E+01	5.22E+01	9.36E+00	2.48E-01	-5.96E-02
Climate change - fossil fuels	6.44E+01	kg CO2 eq.	2.87E+00	6.78E-03	1.72E-02	6.13E+01	5.20E+01	9.34E+00	2.48E-01	-6.30E-02
Climate change - biogenics	2.53E-01	kg CO2 eq.	3.48E-02	0*	0*	2.17E-01	1.93E-01	2.41E-02	2.75E-04	3.33E-03
Climate change - land use and land use transformation	3.88E-04	kg CO2 eq.	9.39E-05	0*	0*	2.94E-04	2.94E-04	0*	0*	0.00E+00
Ozone depletion	2.89E-05	kg.equivalent. CFC-11	7.90E-07	0*	0*	2.81E-05	2.80E-05	1.38E-07	3.68E-09	-1.47E-08
Acidification (AP)	1.67E+00	mole of H+ equiv	3.86E-02	0*	0*	1.63E+00	1.58E+00	5.42E-02	2.59E-04	-8.04E-04
Freshwater eutrophication	6.52E-03	kg P eq.	1.06E-04	0*	0*	6.40E-03	5.96E-03	4.45E-04	8.97E-06	-4.47E-08
Marine aquatic eutrophication	5.92E-02	kg of N equiv	2.43E-03	2.01E-05	5.99E-05	5.66E-02	4.91E-02	7.46E-03	4.81E-05	-3.20E-05
Terrestrial eutrophication	7.00E-01	mole of N equiv	2.64E-02	2.21E-04	6.25E-04	6.72E-01	5.64E-01	1.07E-01	5.97E-04	-5.14E-04
Photochemical ozone formation	2.90E-01	kg of NMVOC equiv	1.04E-02	5.57E-05	1.52E-04	2.80E-01	2.58E-01	2.21E-02	1.51E-04	-2.12E-04
Depletion of abiotic resources - elements	1.82E-03	kg.equivalent. Sb	1.43E-03	0*	0*	3.90E-04	3.85E-04	4.43E-06	0*	-3.75E-04
Depletion of abiotic resources - fossil fuels	2.43E+03	MJ	4.87E+01	0*	0*	2.38E+03	5.84E+02	1.80E+03	1.23E+00	-1.28E+00
Water requirement	2.03E+03	m3 of equiv. deprivation worldwide	3.49E+01	0*	0*	1.99E+03	1.99E+03	6.78E-01	0*	-7.25E-02
Emission of fine particles	9.93E-06	incidence of diseases	2.06E-07	0*	0*	9.72E-06	7.62E-06	2.10E-06	1.89E-09	-9.04E-09

\*represents less than 0.01% of the total life cycle of the reference flow

<sup>(1)</sup> For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table  
In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

# Product Environmental Profile

## Standby remote controls for emergency lighting



	Total Life Cycle		Manufacturing	Distribution	Installation	Use <sup>(1)</sup>			End of life	Module D
			A1-A3	A4	A5	Total B1-B7	B2	B6	C1-C4	
<b>Ionizing radiation, human health</b>	<b>2.89E+02</b>	<b>kBq of U235 equiv.</b>	2.98E+01	0*	0*	2.59E+02	1.61E+01	2.43E+02	0*	-3.92E-01
<b>Ecotoxicity (fresh water)</b>	<b>8.46E+02</b>	<b>CTUe</b>	4.86E+01	0*	1.03E+00	7.96E+02	7.30E+02	6.61E+01	9.23E-01	-2.96E+00
<b>Human toxicity, carcinogenic effects</b>	<b>4.42E-06</b>	<b>CTUh</b>	2.79E-07	0*	1.36E-09	4.14E-06	4.14E-06	1.57E-09	0*	-2.11E-08
<b>Human toxicity, non-carcinogenic effects</b>	<b>4.60E-06</b>	<b>CTUh</b>	1.22E-07	0*	4.75E-10	4.47E-06	4.41E-06	6.76E-08	1.44E-09	-3.40E-08
<b>Impacts related to land use/soil quality</b>	<b>2.85E+01</b>	<b>-</b>	7.42E-01	0*	0*	2.77E+01	2.74E+01	2.99E-01	2.61E-02	3.60E-04
<b>Use of renewable primary energy, excluding renewable primary energy resources used as raw materials</b>	<b>1.93E+02</b>	<b>MJ</b>	1.30E+00	0*	0*	1.92E+02	2.54E+01	1.66E+02	1.98E-02	-1.69E-01
<b>Use of renewable primary energy resources used as raw materials</b>	<b>2.93E+00</b>	<b>MJ</b>	2.93E+00	0*	0*	0*	0*	0*	0*	5.20E-01
<b>Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)</b>	<b>1.96E+02</b>	<b>MJ</b>	4.23E+00	0*	0*	1.92E+02	2.54E+01	1.66E+02	1.98E-02	3.51E-01
<b>Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials</b>	<b>2.42E+03</b>	<b>MJ</b>	4.54E+01	0*	0*	2.37E+03	5.72E+02	1.80E+03	1.23E+00	-1.28E+00
<b>Use of non-renewable primary energy resources used as raw materials</b>	<b>1.59E+01</b>	<b>MJ</b>	3.32E+00	0*	0*	1.26E+01	1.26E+01	0*	0*	0.00E+00
<b>Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)</b>	<b>2.43E+03</b>	<b>MJ</b>	4.87E+01	0*	0*	2.38E+03	5.84E+02	1.80E+03	1.23E+00	-1.28E+00

\*represents less than 0.01% of the total life cycle of the reference flow

<sup>(1)</sup> For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table

In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

# Product Environmental Profile

## Standby remote controls for emergency lighting



	Total Life Cycle		Manufacturing	Distribution	Installation	Use <sup>(1)</sup>			End of life	Module D
			A1-A3	A4	A5	Total B1-B7	B2	B6	C1-C4	
Use of secondary materials	2.89E-02	kg	2.89E-02	0*	0*	0*	0*	0*	0*	0.00E+00
Use of renewable secondary fuels	0.00E+00	MJ	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Use of non-renewable secondary fuels	0.00E+00	MJ	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Net use of fresh water	4.72E+01	m <sup>3</sup>	8.15E-01	0*	0*	4.64E+01	4.63E+01	1.58E-02	0*	-1.69E-03
Hazardous waste disposed of	4.36E+02	kg	9.71E+00	0*	0*	4.26E+02	4.26E+02	1.39E-01	8.16E-02	-6.25E+00
Non-hazardous waste disposed of	9.46E+01	kg	2.52E+00	0*	1.72E-01	9.18E+01	9.09E+01	9.00E-01	8.10E-02	-4.66E-02
Radioactive waste disposed of	3.39E-02	kg	2.35E-03	0*	0*	3.15E-02	3.11E-02	3.78E-04	3.36E-05	-3.74E-05
Components for re-use	0.00E+00	kg	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Materials for recycling	1.31E-02	kg	2.45E-03	0*	0*	0*	0*	0*	1.07E-02	0.00E+00
Materials for energy recovery	0.00E+00	kg	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Exported energy	0.00E+00	MJ by energy vector	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Total use of primary energy during the life cycle	2.63E+03	MJ	5.29E+01	0*	0*	2.57E+03	6.10E+02	1.96E+03	1.25E+00	-9.25E-01
Biogenic carbon content of the product	0.00E+00	kg of C.	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Biogenic carbon content of the associated packaging	6.30E-02	kg of C.	6.30E-02	0*	0*	0*	0*	0*	0*	0.00E+00

\*represents less than 0.01% of the total life cycle of the reference flow

<sup>(1)</sup>For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table

In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

The values of the indicators defined in the PCR-ed4-EN-2021 09 06 are available in the digital database of pep-ecopassport.org website.

To find out the environmental impact values for products other than the Reference Product. The coefficients below are based on the declared unit, so the values take account of the respective lengths of the finished products studied.

# Product Environmental Profile

Standby remote controls for emergency lighting



Associated references	Coefficient of extrapolation of environmental indicators						
	Total life Cycle	Manufacturing	Distribution	Installation	Use	End of life	
140010 Stand-by remote control for manual control - capacity 100 blocks	Climate change - total	1.0	0.9	0.9	1.0	1.0	1.1
	Climate change - fossil fuels	1.0	0.9	0.9	1.0	1.0	1.0
	Climate change - biogenics	1.0	1.0	0.0	1.0	1.0	21.5
	Climate change - land use and land use transformation	1.0	1.0	0.0	0.0	1.0	1.0
	Ozone depletion	1.0	0.9	0.9	1.0	1.0	0.9
	Acidification (AP)	1.0	1.0	0.9	1.0	1.0	1.1
	Freshwater eutrophication	1.0	1.0	0.9	1.0	1.0	1.0
	Marine aquatic eutrophication	1.0	1.0	0.9	1.0	1.0	1.1
	Terrestrial eutrophication	1.0	1.0	0.9	1.0	1.0	1.1
	Photochemical ozone formation	1.0	1.0	0.9	1.0	1.0	1.1
	Depletion of abiotic resources - elements	1.0	1.0	0.9	1.0	1.0	-1.9
	Depletion of abiotic resources - fossil fuels	1.0	0.9	0.9	1.0	1.0	1.1
	Water requirement	1.0	1.0	0.9	1.0	1.0	1.0
	Emission of fine particles	1.0	1.0	0.9	1.0	1.0	1.1
	Ionizing radiation, human health	1.0	1.0	0.9	1.0	1.0	0.9
	Ecotoxicity (fresh water)	1.0	1.0	0.9	1.0	1.0	18.0
	Human toxicity, carcinogenic effects	1.0	1.0	0.9	1.0	1.0	1.0
	Human toxicity, non-carcinogenic effects	1.0	1.0	0.9	1.0	1.0	1.0
	Impacts related to land use/soil quality	1.0	1.0	0.0	0.0	1.0	1.0
	Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	1.0	0.9	0.9	1.0	1.0	1.0
	Use of renewable primary energy resources used as raw materials	1.0	1.0	0.0	0.0	0.0	0.0
	Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	1.0	1.0	0.9	1.0	1.0	1.0
	Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	1.0	0.9	0.9	1.0	1.0	1.1
	Use of non-renewable primary energy resources used as raw materials	1.0	1.0	0.0	0.0	1.0	0.0
	Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	1.0	0.9	0.9	1.0	1.0	1.1
	Use of secondary materials	1.0	1.0	0.0	0.0	0.0	0.0
	Use of renewable secondary fuels	0.0	0.0	0.0	0.0	0.0	0.0
	Use of non-renewable secondary fuels	0.0	0.0	0.0	0.0	0.0	0.0
	Net use of fresh water	1.0	1.0	0.9	1.0	1.0	1.0
	Hazardous waste disposed of	1.0	0.9	0.0	1.0	1.0	1.1
	Non-hazardous waste disposed of	1.0	0.9	0.9	1.0	1.0	1.5
	Radioactive waste disposed of	1.0	0.4	0.9	1.0	1.0	0.9
	Components for re-use	0.0	0.0	0.0	0.0	0.0	0.0
	Materials for recycling	1.0	1.0	0.0	0.0	0.0	1.0
	Materials for energy recovery	0.0	0.0	0.0	0.0	0.0	0.0
	Exported energy	0.0	0.0	0.0	0.0	0.0	0.0
	Total use of primary energy during the life cycle	1.0	0.9	0.9	1.0	1.0	1.1
	Biogenic carbon content of the product	0.0	0.0	0.0	0.0	0.0	0.0
	Biogenic carbon content of the associated packaging	1.0	1.0	0.0	0.0	0.0	0.0

# Product Environmental Profile

## Standby remote controls for emergency lighting



Associated references	Coefficient of extrapolation of environmental indicators						
	Total life Cycle	Manufacturing	Distribution	Installation	Use	End of life	
140012 Multi-function standby remote control - 600-block capacity	Climate change - total	1.0	1.7	1.1	1.0	1.0	1.1
	Climate change - fossil fuels	1.0	1.7	1.1	1.0	1.0	1.0
	Climate change - biogenics	1.0	1.0	0.0	1.0	1.0	21.5
	Climate change - land use and land use transformation	1.0	1.0	0.0	0.0	1.0	1.0
	Ozone depletion	1.0	1.2	1.1	1.0	1.0	0.9
	Acidification (AP)	1.0	1.5	1.1	1.0	1.0	1.1
	Freshwater eutrophication	1.0	1.0	1.1	1.0	1.0	1.0
	Marine aquatic eutrophication	1.0	1.6	1.1	1.0	1.0	1.2
	Terrestrial eutrophication	1.0	1.6	1.1	1.0	1.0	1.2
	Photochemical ozone formation	1.0	1.5	1.1	1.0	1.0	1.2
	Depletion of abiotic resources - elements	1.6	1.7	1.1	1.0	1.0	-1.9
	Depletion of abiotic resources - fossil fuels	1.0	1.5	1.1	1.0	1.0	1.1
	Water requirement	1.0	1.0	1.1	1.0	1.0	1.0
	Emission of fine particles	1.0	1.5	1.1	1.0	1.0	1.2
	Ionizing radiation, human health	1.0	1.1	1.1	1.0	1.0	0.9
	Ecotoxicity (fresh water)	1.1	1.6	1.1	1.0	1.0	18.0
	Human toxicity, carcinogenic effects	1.0	1.0	1.1	1.0	1.0	1.0
	Human toxicity, non-carcinogenic effects	1.0	1.4	1.1	1.0	1.0	1.1
	Impacts related to land use/soil quality	1.0	1.0	0.0	0.0	1.0	1.0
	Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	1.0	1.7	1.1	1.0	1.0	1.0
	Use of renewable primary energy resources used as raw materials	1.0	1.0	0.0	0.0	0.0	0.0
	Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	1.0	1.2	1.1	1.0	1.0	1.0
	Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	1.0	1.5	1.1	1.0	1.0	1.1
	Use of non-renewable primary energy resources used as raw materials	1.0	1.0	0.0	0.0	1.0	0.0
	Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	1.0	1.5	1.1	1.0	1.0	1.1
	Use of secondary materials	1.0	1.0	0.0	0.0	0.0	0.0
	Use of renewable secondary fuels	0.0	0.0	0.0	0.0	0.0	0.0
	Use of non-renewable secondary fuels	0.0	0.0	0.0	0.0	0.0	0.0
	Net use of fresh water	1.0	1.0	1.1	1.0	1.0	1.0
	Hazardous waste disposed of	1.0	1.8	0.0	1.0	1.0	1.1
	Non-hazardous waste disposed of	1.0	1.2	1.1	1.0	1.0	1.5
	Radioactive waste disposed of	1.0	0.5	1.1	1.0	1.0	0.9
	Components for re-use	0.0	0.0	0.0	0.0	0.0	0.0
	Materials for recycling	1.0	1.0	0.0	0.0	0.0	1.0
Materials for energy recovery	0.0	0.0	0.0	0.0	0.0	0.0	
Exported energy	0.0	0.0	0.0	0.0	0.0	0.0	
Total use of primary energy during the life cycle	1.0	1.5	1.1	1.0	1.0	1.1	
Biogenic carbon content of the product	0.0	0.0	0.0	0.0	0.0	0.0	
Biogenic carbon content of the associated packaging	1.0	1.0	0.0	0.0	0.0	0.0	

Registration number: <b>LGRP-01768-V01.01-EN</b>	Drafting rules : « <b>PEP-PCR-ed4-EN-2021 09 06</b> » <b>Supplemented by «PSR-0005-ed3-2023 06 06»</b>
Verifier accreditation No.: <b>VH43</b>	Information and reference documents : <b>www.pep-ecopassport.org</b>
Date of issue: <b>01-2024</b>	Validity period: <b>5 ans</b>
<b>Independent verification of the declaration and data, in compliance with ISO 14025: 2006</b>	
<b>Internal</b> <input checked="" type="checkbox"/> <b>External</b> <input type="checkbox"/>	
The PCR review was conducted by a panel of experts chaired by Julie ORGELET (DDemain)	
PEP are compliant with XP C08-100-1: 2016 or EN 50693: 2019	
The elements of the present PEP cannot be compared with elements from another program	
Document in compliance with ISO 14025: 2006: «Environmental labels and declarations. Type III environmental declarations»	



Environmental data in alignment with EN 15804: 2012 + A2: 2019