

BUILDING PRODUCT DECLARATION BPD 3
in compliance with the guidelines of the Ecocycle Council, June 2007

1. Basic data

Product identification		Document ID
Product name Ceiling motion detector with 1 switching channel	Product no/ID designation MD 180i/R (EM10055010)	Product group PIR sensor
<input checked="" type="checkbox"/> New declaration <input type="checkbox"/> Revised declaration	In the case of a revised declaration	
	Has the product been changed?	The change relates to: Product specifications based on customer's request
	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Changed product can be identified by The version of barcode label
Drawn up/revised on (date) Apr. 3, 2009		Inspected without revision on (date)
Other information:		

2. Supplier information

Company name ESYLUX GmbH		Company reg. no/DUNS no	
Address An der Strusbek 40 22926 Ahrensburg/ Germany		Contact person Wilko Trörlitzsch	
Website www.esylux.com		Telephone 0049(0)4102-481-0	
Does the company have an environmental management system?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
The company possesses certification in compliance with	<input checked="" type="checkbox"/> ISO 9000 <input type="checkbox"/> ISO14000	<input type="checkbox"/> Other	If "other", please specify:
Other information:			

3. Product information

Country of final manufacture China		If country cannot be stated, please state why			
Area of use Europe and other countries subject to customer sales					
Is there a Safety Data Sheet for this product?			<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
In accordance with the regulations of the Swedish Chemicals Agency, please state:		Classification Labelling		<input type="checkbox"/> Not relevant	
Is the product registered in BASTA?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
Has the product been eco-labelled?	<input type="checkbox"/> Criteria not found	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: WEEE	
Is there a Type III environmental declaration for the product?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other information:					

4. Contents

At the time of delivery , the product comprises the following parts/components, with the chemical composition stated:					
Constituent materials/components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classification	Comments
Isolated paper (between power PCB and sensor PCB)	High temperature resistant	1.0g			
PIR holder	PA66	0.4g			
LED holder	Nylon	0.2gx2			

Metal plate	FeMg	16.8g			
Mechanical screw (for fixing clamp)	FeZnNi	0.3g x2			
Tapping screw (in the accessory bag)	FeZnNi	1.2gx2			
Square nut	FeZnNi	0.5gx2			
Bottom cover	PC	7.8g			
Top cover	PC	8.2g			
Knob	PC	0.15gx3			
Slide switch	PC	0.2g			
Lens	PE	2.0g			
Fixing clamp	FeZnNi	1.8g x2			
PCB	FR4	9.0g		UL class V0	PCB surface is HAL unleaded (Zn/Cu/Ni)
Other information: This product is RoHs conform. Product weight total : netto 0,089 kg					

5. Production phase

Resource utilisation and environmental impact during production of the item is reported in one of the following ways:					
<input type="checkbox"/> 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the manufacturing unit , and the outflows (emissions and residual products) from it, i.e. from “gate-to-gate”.					
<input checked="" type="checkbox"/> 2) All inflows and outflows from the extraction of raw materials to finished products i.e. “Cradle-to-gate”.					
<input type="checkbox"/> 3) Other limitation. State what:					
The Report relates to unit of product		<input type="checkbox"/> Reported product		<input type="checkbox"/> The product’s product group	
				<input type="checkbox"/> The product’s production unit	
Indicate raw materials and intermediate goods used in the manufacture of the product				<input type="checkbox"/> Not relevant	
Raw material/intermediate goods		Quantity and unit		Comments	
Indicate recycled materials used in the manufacture of the product				<input type="checkbox"/> Not relevant	
Type of material		Quantity and unit		Comments	
Enter the energy used in the manufacture of the product or its component parts				<input type="checkbox"/> Not relevant	
Type of energy		Quantity and unit		Comments	
Enter the transportation used in the manufacture of the product or its component parts				<input type="checkbox"/> Not relevant	
Type of transportation		Proportion %		Comments	
Enter the emission to air, water or soil from the manufacture of the product or its component parts				<input type="checkbox"/> Not relevant	
Type of emission		Quantity and unit		Comments	
Enter the residual products from the manufacture of the product or its component parts				<input type="checkbox"/> Not relevant	
				Comments	
Residual product		Waste code	Quantity	Proportion recycled	
				Material recycled% <input type="checkbox"/>	Energy recycled%
				Comments	
Is there a description of the data accuracy for the manufacturing data?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify:	

Other information:

6. Distribution of finished product

Does the supplier put into practice a system for returning load carriers for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier put into practice any systems involving multi-use packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the supplier affiliated to REPA?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other information:			

7. Construction phase

Are there any special requirements for the product during storage?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Other information:				

8. Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:			
Does the product have any special energy supply requirements for operation?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:			
Estimated technical service life for the product is to be entered according to one of the Following options, a) or b):						
a) Reference service life estimated as being approx.	<input checked="" type="checkbox"/> 5 years	<input type="checkbox"/> 10 years	<input type="checkbox"/> 15 years	<input type="checkbox"/> 25 years	<input type="checkbox"/> >50 years	Comments
b) Reference service life estimated to be in the interval of years.						
Other information:						

9. Demolition

Is the product ready for disassembly (taking apart)?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Does the product require any special measures to protect health and environment during demolition/disassembly?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Other information:				

10. Waste management

Is it possible to re-use all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Is it possible to recycle materials for all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: Plastic / metal
Is it possible to recycle energy for all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:

Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
Enter the waste code for the supplied product				
Is the supplied product classed as hazardous waste?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
If the chemical composition of the product differs after having been built in from that which it had at the time of delivery, meaning that another waste code is given to the finished built in product, then this should be entered here. If it is unchanged, the following details can be omitted.				
Enter the waste code for the built in product				
Is the built in product classed as hazardous waste?	<input type="checkbox"/> Yes		<input type="checkbox"/> No	
Other information:				

11. Indoor environment

When used as intended, the product gives off the following emissions:		<input checked="" type="checkbox"/> The product does not have any emissions		
Type of emission	Quantity [$\mu\text{g}/\text{m}^2\text{h}$] or [$\text{mg}/\text{m}^3\text{h}$]		Method of measurement	Comments
Can the product itself give rise to any noise?		<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Value	Unit	Method of measurement		
Can the product give rise to electrical fields?		<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Value	Unit	Method of measurement		
Can the product give rise to magnetic fields?		<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Value	Unit	Method of measurement		
Other information:				