

# **BUILDING PRODUCT DECLARATION BPD 3**

in compliance with the guidelines of the Ecocycle Council, June 2007

## **1. Basic data**

<b>Product identification</b>		Document ID
Product name Ceiling motion detector with 1 switching channel	Product no/ID designation MD 360i/24 (EM10055300)	Product group PIR sensor
<input checked="" type="checkbox"/> New declaration <input type="checkbox"/> Revised declaration	<b>In the case of a revised declaration</b> Has the product been changed? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
		The change relates to: Product specifications based on customer's request 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 Trölitersch	
Website www.esylux.com		Telephone 0049(0)4102-481-0	
Does the company have an environmental management system?		E-mail wilko.troelitzsch@esylux.com	
		<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 Germany		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
PIR_holder	PA66	2,0g			
Tapping screw (for poti PCB)	Stainless steel A2	0,4gx2			
Tapping screw (for power PCB)	FeZnNi	0,6gx4			
Tapping screw (for lens)	FeZnNi	0,6gx4			

Tapping screw (for sensor PCB)	FeZnNi	0.4gx4			
Tapping screw (for top cover and bottom case)	FeZnNi	0.8gx2			
Sealing ring (for the knobs)	NBR	0.2gx2			
Sealing strip (for bottom housing of sensor and lens)	Silicon	1.8g			
Lens	PE	10g			
Top cover	PC	42g			
Knob	PC	0.4gx3			
Bottom housing	PC	53.4g			
Metal plate	FeMg	21g			
Screw (non-dropping type, for sensor and metal plate)	Stainless steel A2	1.0gx2			
Sealing ring (for non-dropping screw)	NBR	0.2gx2			
Bottom cover of the power box	PC	10g			
Decorative ring	PC	14.8g			
Top cover of the power box	PC	8.2g			
Front cover	PC	36g			
Lens mask	PP	1.8g			
PCB	FR4	18g		UL class V0	PCB surface is HAL unleaded (Zn/Cu/Ni)
Other information: <b>This product is RoHs conform. Product weight total : netto 0,27 kg</b>					

## 5. Production phase

<b>Resource utilisation and environmental impact during production of the item is reported in one of the following ways:</b> <input type="checkbox"/> 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the <b>manufacturing unit</b> , 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 <b>raw materials and intermediate goods</b> used in the manufacture of the product			<input type="checkbox"/> Not relevant
Raw material/intermediate goods	Quantity and unit		Comments
Indicate <b>recycled materials</b> used in the manufacture of the product			<input type="checkbox"/> Not relevant
Type of material	Quantity and unit		Comments
Enter the <b>energy</b> 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 <b>transportation</b> 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 <b>residual products</b> 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 <b>supplied</b> product				
Is the <b>supplied</b> 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 <b>built in</b> product, then this should be entered here. If it is unchanged, the following details can be omitted.				
Enter the waste code for the <b>built in</b> product				
Is the <b>built in</b> 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:				