

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	Product no	/ID designation		Product group		
CDS-A/T	RK395000	RK39500010040		Twilight switch		
New declaration	In the cas	se of a revise	d declaratio	on and a second s		
Revised declaration	Has the product been		The change relates to:			
	changed?		Product specifications based on customer's request			
		Ves	Changed product can be identified by			
		103	The version of barcode label			
Drawn up/revised on (date)			Inspected v	vithout revision on (date)		
05.09.2012						
Other information:						

2. Supplier information

Company name ESYLUX GmbH		Company reg. no/DUNS no				
Address			Contact person Peter Weber			
An der Strusbek 40 22926 Ahrensburg/ Germany			Telephone 0049(0)4102-88 880-0			
Website www.esylux.com			E-mail peter.weber@esylux.com			
Does the company have an environment	mental managem	ent system?	Yes	No		
The company possesses certification in compliance with	■ ISO 9000	□ ISO14000	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?			Not relevant	🗌 Yes	🗌 No	
In accordance with the regulation Chemicals Agency, please states	ons of the Swedish	Classifica	tion Labellin	ng	□ Not relevant		
Is the product registered in BAS				☐ Yes	🗌 No		
Has the product been eco-labelled?	Criteria not found	Yes	No	If "yes", please specify: WEEE			
Is there a Type III environmenta	luct?		•	Yes	🗌 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				
LED pin array	ABS	0.3g							
LED Holder	Nylon	1g							
Positive pole contact	Cu	0.1g×2							
Negative pole contact	Cu	0.2g							

Self-tapping screw (for surface cover)	Fe Zn Ni	0.7g×3		
Self-tapping screw (for surface cover)	Fe Zn Ni	0.4g		
Rubber washer	NBR	0.05g		
Rubber ring	NBR	0.05g		
Regulating rod	ABS	0.3g		
Slide knob	ABS	0.5g		
LED Holder	Nylon	0.8g×2		
Battery cover	ABS	1g		
Main housing	PC	71g		
Regulating rod	PC	0.7g		
PD cover	РММА	0.5g		
Self-tapping screw (for upper cover)	Stainless steel	0.8g×4		
Wood screw	Fe Zn Ni	1.9g×2		
Gasket	SBR	3.5g		
Rubber strip	SR	0.5g		
Double-sided adhesive tape		0.05g		
Light window	PMMA	0.3g		
Upper cover	PC	42.8g		
Cover lid	PC	14.2g		
PCB	94V0	11.2g	UL CLASS V0	PCB surface is HAL unleaded (Zn/Cu/Ni)

Other information: This product is RoHs conform. Product weight total: net 212.2g

5. Production phase

Resource utilisation and environmental in	nnact during production	on of the item is reported in	one of the following ways:					
Resource utilisation and environmental in \Box 1) influence (see do intermediate see do	inpact uning production	ton of the item is reported in the	of the following ways.					
[] 1) Inflows (goods, intermediate goods,	energy etc) for the regist	".	cturing unit, and the outflows					
(emissions and residual products) from	it, i.e. from "gate-to-gat	e".						
□ 2) All inflows and outflows from the ex	traction of raw material	s to finished products i.e. "Cra	dle-to-gate".					
3) Other limitation. State what:								
The Report relates to unit of product	Reported product	The product's product	The product's production					
		group	unit					
Indicate raw materials and intermediate g	oods used in the manufa	acture of the product	Not relevant					
Raw material/intermediate goods	Quantity and unit		Comments					
Indicate reavaled materials used in the material	ufacture of the product							
Indicate recycled materials used in the man	iuracture of the product		Not relevant					
Type of material	Quantity and unit		Comments					
Enter the energy used in the manufacture of	the product or its comp	onent parts	□Not relevant					
Type of energy	Quantity and unit		Comments					
Enter the transportation used in the manufactor	acture of the product or	its component parts	Not relevant					
Type of transportation	Proportion %	Proportion % Comments						

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Enter the emission to air, wa	Not relevant						
Type of emission	Quantity a	nd unit		Comments			
Enter the residual products	from the manu	facture of the	e product or its co	omponent parts	□Not relevant		
					Comments		
Residual product	Waste code	Quantity	Proportion recy	vcled			
			Material recycled%	Energy recycled%	Comments		
Is there a description of the	Yes	□No	If "yes", please	specify:	•		
data accuracy for the							
manufacturing data?							
Other information:							

6. Distribution of finished product

Does the supplier put into practice a system for returning load carriers for the product?	□ Not relevant	Yes	🗌 No
Does the supplier put into practice any systems involving multi-use packaging for the product?	Not relevant	Yes	No
Does the supplier take back packaging for the product?	□ Not relevant	🗌 Yes	No
Is the supplier affiliated to REPA?	Not relevant	☐ Yes	No
Other information:			

7. Construction phase

Are there any special requirements for the product during storage?	☐Not relevant	□Yes	No	If "yes", please specify:
Are there any special requirements for adjacent building products because of this product?	□Not relevant	∐Yes	No	If "yes", please specify:
Other information:				

8. Usage phase

Does the product involve any special requir goods regarding operation and maintenance	rmediate	☐ Yes	No No	If "yes", ple	ase specify:			
Does the product have any special energy su operation?	ents for	Tes Yes	No	If "yes", ple	", 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.	□10 years	15 years	25 years	□>50 years	Comments			
b) Reference service life estimated to be in the interval of years.								
Other information:	Other information:							

9. Demolition

Is the product ready for disassembly (taking apart)?	Not relevant	Tes Yes	No	If "yes", please specify:
Does the product require any special measures to protect health and environment during demolition/disassembly?	Not relevant	☐ Yes	No	If "yes", please specify:

10. Waste management

Is it possible to re-use all or parts of the product?		Not relevant	☐ Yes	No	If "yes", please specify:			
Is it possible to recycle materials for all or parts of the product?		Not relevant	Yes	🗌 No	If "yes", please specify: Plastic / metal			
Is it possible to recycle energy for all or parts of the product?		Not relevant	☐ Yes	No	If "yes", please specify:			
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?		Not relevant	☐ Yes	No No	If "yes", please specify:			
Enter the waste code for the supplied product Wh	EEE							
Is the supplied product classed as hazardous wast	e?				□Yes	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	?				□Yes	No		
Other information:								

11. Indoor environment

When used as intended, the product gives off the following emissions:			The product does not have any emissions		
Type of emission	Quantity [µg/	m₂h] or [mg/m₃h]	Method of measurement	Comments	
				_	
				_	
Can the product itself give rise to any noise?			Not relevant	☐ Yes	No
Value		Unit	Method of measurement		
Can the product give rise to electrical fields?			□ Not relevant	Tes Yes	No
Value		Unit	Method of measurement		
Can the product give rise to magnetic fields?			□ Not relevant	☐ Yes	No
Value		Unit	Method of measurement		
Other information:					