

SUSTAINABILITY DECLARATION



Item number
MO2151

Item description

20 LED solar light in PP with motion and night sensors. PIR motion sensor. CDS night sensor. Protection rating: IP 44. Battery capacity: 1200 mAh.

Material content

Part	Component description	Position	Material	Weight Percentage
1	Plastic case	External	Polypropylene (PP)	52,00%
2	Battery	Inside	See Part II	25,00%
3	Printed Circuit Board of LED	Inside	Printed Circuit Board of LED	7,10%
4	Solar panel surface	External	Resin	6,00%
5	Solar panel	Inside	Silicon crystalline	3,40%
6	Printed Circuit Board	Inside	Printed Circuit Board	3,00%
7	Metal screw	Inside	Iron	1,00%
8	Black switch	External	Silicone	0,50%
9	Cover of sensor	External	Polyethylene (PE)	0,50%
10	Plastic wire cover	Inside	Polyvinyl Chloride (PVC)	0,50%
11	Anchor screw	External	Iron	0,50%
12	Anchor base	External	Polyethylene (PE)	0,50%
			Total	100,00%

Part II	Component description	Position	Material	Weight Percentage
Battery	Lithium manganese oxide	Battery	Lithium manganese oxide	30,00%
	Iron	Battery	Iron	27,00%
	Graphite	Battery	Graphite	14,00%
	Dimethyl carbonate	Battery	Dimethyl carbonate	10,00%
	Ethylene carbonate	Battery	Ethylene carbonate	6,00%
	Copper	Battery	Copper	4,00%
	Aluminium	Battery	Aluminium	3,00%
	Lithium hexafluorophosphate(1-)	Battery	Lithium hexafluorophosphate(1-)	3,00%
	Polyethylene (PE)	Battery	Polyethylene (PE)	3,00%
			Total	100,00%

*midocean uses the original chemical names registered in the [ECHA](https://echa.europa.eu/) (European Chemicals Agency) database in our Bill of Materials. Any additional information on the material can be found in the description

Cotton sourced & processed

Country of origin	-
Country of processing	-

Recycled material

Biodegradability of material	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Recyclability of material	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Renewable source

Recycled material	Natural material	Reused waste material
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

End of life suggestion



Trademarks of material

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Fulfilled technical standard

This item is compliant with the European legislation and regulations applicable to this item. A Declaration of Conformity (DOC) certificate and all relevant test reports are easily downloadable at our web shop.

Quality certifications/ social audits factory



Packaging and Transport

Piece	Inner Carton	Carton	mo box	Polybag	Packaging
1	-	60	Yes	-	Each pc packed inside MO box with accessories packed into a small paper bag

We have dedicated partnerships with our carriers. Who have shown their commitments to reduce GHG emissions and have ambitious targets concerning carbon-neutral deliveries and climate-neutral logistics solutions.

midocean

Mrs. P. Varela



Buying & Portfolio Director