PRODUCT DATASHEET
Endura Style Solar Daylight Sensor Wall Updown IP65 Dark Grey

ENDURA STYLE SOLAR BRIGHT DAYLIGHT SENSOR | Solar-powered up and down lighting luminaires with high luminous flux, daylight sensor and IP65 protection option

Areas of application

– Outdoor
– Entrance lighting
– Patios, balconies
– General illumination
– Facade and building illumination

Product benefits

– Solar powered outdoor LED luminaire
– Indirect UP and DOWN lighting
– Easy and quick installation, independent from connection to power supply
– Long-term energy and cost savings

Product features

– Sustainable energy, low environmental impact
– Bright light
– Highly efficient monocrystalline solar panel
– PIR motion detection and daylight sensor, matching with housing color
– Lower light smog, on-demand lighting (sensor version)
– Type of protection: up to IP65

– Operating time with fully charged battery: up to 10 h (depending on the work mode and conditions)
– 4 selectable operating modes (Dusk to Dawn): 25 %, 50 %, 75 %, 100 % light brightness
– Energy-efficient thanks to LED technology
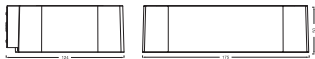
TECHNICAL DATA

Electrical data

Nominal wattage	7.60 W
Nominal voltage	4,2 V
Nominal current	1800.000 mA
Protection class	III
Operating mode	Battery

Photometrical data

Luminous flux	520 lm
Total luminous flux of contained light sources	700 lm
Luminous efficacy	68 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Flickering metric (Pst LM)	<1 %
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	100 ° x 100 °

Dimensions & Weight

Length	175.00 mm
Width	124.00 mm
Height	50.00 mm
Product weight	430.00 g

ENDURA STY SOL UPDOWN W DS
IP65 DG

Materials & Colors

Product color	Dark gray
Housing color	Dark gray

Body material	Polycarbonate (PC)|Acrylonitrile butadiene styrene (ABS)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-10…+55 °C
Temperature range at storage	-20…+80 °C
Type of protection	IP65
Protection class IK (shock resistance)	IK04
Dimmable	Yes
Mounting type	Surface
Application environment	Outdoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	54000 h [1]
Number of switching cycles	100000

[1] t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Sensor

Type of sensor	Light
Sensor technology	Passive infrared (PIR)

BATTERY

Type of Battery	Lithium ion
Battery size [GMS]	Others
Nominal voltage of battery	3.7 V
Nominal capacity of battery	2000 mAh
Battery charging time	9 h

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Product remark	Available from June 2025

EQUIPMENT / ACCESSORIES

– Mounting accessories included

Safety advice

– If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
– Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	ENDURA STY SOL UPDOWN W DS IP65 DG
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety insert G11219579
PDF	Declarations of conformity	EU Declaration of Conformity solar light
PDF	Declarations of conformity UKCA	UK Declaration of Conformity solar light

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854415234	Folding box 1	56 mm x 181 mm x 132 mm	471.00 g	1.34 dm³
4099854415241	Shipping box 6	346 mm x 191 mm x 148 mm	2994.00 g	9.78 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.