

PRODUCT DATASHEET

Endura Style Adjustable Beam Sensor USB

Dark Gray

Endura Style Sensor USB Adjustable Beam | Battery-powered luminaire with USB-C charging, integrated battery, motion and daylight sensor and adjustable beam angles.



Areas of application

- Building facades
- Entrance lighting
- Patios, balconies
- General illumination
- Gardens
- Pathway lighting
- Driveways

Product benefits

- Adjustable beam angles of UP and DOWN light cones
- 2 different work modes - Mode 1: 100% light for 40 seconds when motion detected (dusk-to-dawn); Mode 2: 20% light permanently on + 100% light for 40 seconds when motion detected (dusk-to-dawn)
- Easy and quick installation

Product features

- PIR motion detection and daylight sensor, matching with housing color
- Polycarbonate (PC) diffuser
- Indirect illumination
- Type of protection: IP54
- Battery rechargeable via USB cable

TECHNICAL DATA

Electrical data

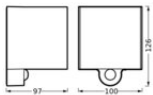
Nominal wattage	2.50 W
Nominal voltage	5 V
Protection class	III
Operating mode	Battery

Photometrical data

Luminous flux	180 lm
Total luminous flux of contained light sources	300 lm
Luminous efficacy	72 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤6 sdc _m
Flickering metric (Pst LM)	≤1 %
Stroboscope effect metric (SVM)	≤0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	10...90 °

Dimensions & Weight

Length	100.00 mm
Width	97.00 mm
Height	126.00 mm
Product weight	460.00 g



ENDURA STYLE ADJ BEAM SEN
USB

Materials & Colors

Product color	Dark gray
Housing color	Dark gray
Body material	Acrylonitrile butadiene styrene (ABS)
Cover material	Glass

Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	USB
Type of protection	IP54
Protection class IK (shock resistance)	IK05
Dimmable	No
Mounting type	Surface
Mounting location	Wall
Application environment	Outdoor
Adjustable	Yes
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 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	PIR / Motion / Light
Sensor technology	Passive infrared (PIR)
Sensor detection angle	100 °
Detection range of motion sensor	5...8 m
Detection threshold of daylight sensor	< 80 lx

BATTERY

Type of Battery	Lithium ion
Battery size [GMS]	Others
Number of included batteries	2
Nominal voltage of battery	3.7 V
Nominal capacity of battery	4400 mAh
Battery charging time	7 h

Certificates & Standards

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

Additional product data

Number of illuminants	1
-----------------------	---





EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included
- Charging cable 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
	User instruction / safety instructions	Endura Adjustable beam angle
	Legal information	Solar not dimmable
	Declarations of conformity	ENDURA STYLE ADJ BEAM SEN USB DG
	Declarations of conformity UKCA	ENDURA STYLE ADJ BEAM SEN USB

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854185403	Folding box 1	112 mm x 137 mm x 112 mm	534.00 g	1.72 dm ³
4099854185410	Shipping box 4	250 mm x 160 mm x 255 mm	2374.00 g	10.20 dm ³

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.