

Control Series

## BATTCon BRIGHTNESS SENSOR

The BATTCon Brightness Sensor is dedicated to measure the surrounding illuminance. The Brightness Sensor is compatible with the BATTCon PLC and enables a simplified controlling of a heliports lighting system.

### Key Features

- 24VDC power supply
- Analog Output (0-10V)
- Reliable measurement of illuminance
- Extensive measuring range up to 100'000lx
- Photodiode as sensor element
- Protection Class IP6 (IEC69598-1)

### Design Concept

- Compact weatherproof design
- Simple mounting concept
- Corrosion and UV resistant materials

### Product Specifications

#### Mechanical Data

Height	50mm
Width	59mm
Depth	65mm
Net Weight	0.1kg
Packing Dimensions	190 x 190 x 160mm
Gross Weight	0.4kg
Protection Class	IP65 (IEC69598-1)
Recommended Mounting	2x M4 Bolts



## Product Specifications

### Electrical Data

Operating Voltage	24VDC	
Output Voltage	0 - 10V (linear)	
Power Consumption	6.2mA	
Surge Protection	Varistor and RC Filter	
Power Supply	Clamping Diameter	Ø4.5 - 10mm
	Dimension Cable Gland	M16x1.5
Electromagnetic Compliance	EN 61000-6-3/ 2011	
	EN 61000-6-1/ 2007	

### Sensorial Data

Accuracy	<±10% by perpendicular light incidence
Sensor Element	Photodiode
Max. Spectral Sensitivity	600nm

### Environmental Data

Operating Temperature	-20°C to +75°C
-----------------------	----------------

### Accessories

BATTCon Human Machine Interface (2CON-HMI)
BATTCon Programmable Logic Controller (2CON-PLC)
BATTCon Heliport Control System
LED-Obstacle Light (2EL-OBS)
5" Inset LED Light (2IL5-SF, 2IL5-FF)
Elevated LED-Floodlight (2EL-TARMAC)

## Product Variants and Order Code

---

Order Code

---

2CON-DIM

---

---

**Imprint**

---

Adress	BATT Suisse GmbH Sonnentalstrasse 8 8600 Dübendorf Switzerland
E-Mail	info@batt-suisse.ch
Telephone	+41 43 333 81 57
Website	www.batt-suisse.ch
Published	08.12.2021
Copyright	BATT Suisse GmbH reserves the right to change technical data and details at any point in time. Errors may occur. All rights reserved. Publication, copying, distribution, exhibition, representation and/or reproduction in any form or utilization are explicitly prohibited without prior approval by BATT Suisse GmbH.

---