PRODUCT DATASHEET
Supplier-provided technical data

Illumination Sensor



Supplier: NiuBoL
Manufacturer model: NBL-W-LUX
Archive SKU: NBL-W-LUX
Price, availability, delivery and warranty: confirmed by quotation.

Illumination Sensor supplied by NiuBoL. Select the required configuration and request a quotation for price and availability.

Select the required configuration for your intended monitoring task. Supplier-stated ranges and performance figures are reproduced below. Source differences require confirmation of the supplied version; no retail price, stock, warranty duration or delivery commitment is inferred.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 9.

Weather Stations and Agriculture Sensors Catalog-NiuBoL.pdf — PDF page(s) 18.

Supplier technical description

Technical specifications and configuration — supplier wording

Measuring range: 0-200000Lux
Wavelength range: 380 nm-730 nm
Accuracy: ±7%
Power: DC 12V/DC 24V
Output:4~20mA/RS485
Instrument cable length: 2.5 meters
Load resistance: Voltage type: RL≥1K
Current type: RL≤300Ω
Working temperature: -10°C~70°C
Relative humidity: 0~80%RH
Product weight: 170 g

Catalogue page 18 — technical data

Parameter	Supplier-stated value / source wording
Measuring range	0-200000Lux
Wavelength range	380 nm-730 nm
Accuracy	±7%
Power supply mode	□DC 12V □DC 24V □Other
Output form	Current: 4~20mA □Voltage: 0~5V □Rs485 □Other
Lnstrument cable length	□Standard: 2.5 meters □Other
Load Resistance	□Voltage type: RL≥ 1K □Current type: RL ≤ 300Ω
Working temperature	-10°C~ 70°C
Relative humidity	0~80%RH
Product weight	170 g

Catalogue page 18 — selection / wiring table

Parameter	Supplier-stated value / source wording
Model	P | ower supply | output met | hod | Description
NBL-W-LUX	Illuminance sensors
5V-	5V supply
NBL-W-LUX — 12V-	12V supply
NBL-W-LUX — 24V-	24 V supply
NBL-W-LUX — V	0-5V
NBL-W-LUX — A1	4-20mA
NBL-W-LUX — W2	Rs485
Supplier statement	Example: 12V-A1:Illuminance sensor 12V power supply, 4-20mA output