



LUMINANCE PHOTOMETER

SFLINT

SFLINT-485 TECHNICAL DETAILS

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The luminance measurement system and tunnel lighting control developed by SIFISA Ingeniería Electrónica e Informática, S.L. represents, by its modularity, configurability of its main parameters and adaptation to specific application requirements, a perfect complement in tunnel lighting projects, which allows to ensure an appropriate degree of visibility

Power supply:	230 VAC @ 50-60Hz / 0.2 A (Other values on request)
Temperature range:	From -40° C to +70° C
Box:	Aluminum. Sunshield in technopolymer UV.
Mount:	Included. Adjustable in elevation and azimuth.
Protection:	IP-66
Measuring angle:	20° (according to CIE 88:2004). Special angles on request.
Rangeability:	0 - 500 cd/m ² (Interior model) 0 - 60000 cd/m ² (Exterior model) Ready to be adjust to particular needs in calibration stage.
Output signal:	Digital 2 wires. RS-485.
Output range:	1000 m.
Communication parameters:	1200 bauds, 8 data bits, 1 stop bit, no parity
Protocol:	See specific document.
Integration time:	1-60 minutes (5 minutes on start up).
Wiring:	Shielded twisted pair. Impedance: 120Ω (BELDEN 9841)
Warranty:	2 years.

Communications wire characteristics:

Wire type:	Shielded twisted pair.
Loop resistance:	< 115 Ω/km
Capacitance:	30 pF/m
Nominal impedance:	About 135 Ω to 160 Ω (f: 3 MHz to 20 MHz)
Attenuation:	0.9 dB/100 m (f: 200 kHz)
Section:	0.3 mm ² to 0.5 mm ²

The specifications and design of this product are subject to change without notice, due to improvement.