



The SignLED S2503 is a high power single colour LED module designed for use in signage, entertainment, architectural and industrial applications.

The S2503 is made of an aluminium circuit-module that is equipped with the latest technology. The S2503 modules can easily be cascaded to create long LED lines and if needed the module can be cut into a different length.

A wide range of aluminium profiles and covers are available for this LED module.

Features

Signage

Wide range of optics available

Lifespan

50.000+ hours

Output

Different output options



Technical specifications

LED

Colour temperature:	3000K / 6000K /
Optional Colour temperature:	2700K~3700K / 3700K~5000K / 5000K~8000K / Red / Green / Blue / Dental Blue
Colour rendering:	CRI>80
Lumen output 360mA:	397 lumen (3000K)
Lumen output 600mA:	642 lumen (3000K)
Lumen output 712mA:	744 lumen (3000K)
Lumen output 950mA:	945 lumen (3000K)
LED's per module:	3

Power

Power:	24VDC
Consumption 360mA:	3,6W
Consumption 600mA:	6,4W
Consumption 712mA:	7,7W
Consumption 950mA:	10,5W
Maximum length:	8 meter

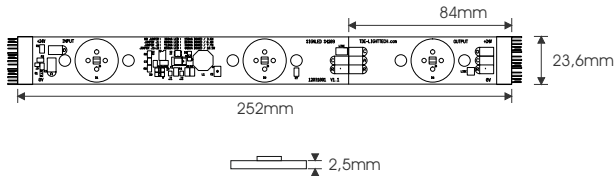
Miscellaneous

Lifespan:	50.000 hour
Module length:	168mm + 1 x 84mm
Cut length:	84mm
Beam angle:	120°
Available optics:	9° / 12° / 28° / 34° / 44° / 14 x 47° / 14 x 44° / 14 x 44° encapsulated
Certifications:	cMETus E1 14112



SIGNLED S2503

Dimensions



Wiring

Use min 90°C supply conductors when connecting to the SignLED S2503 LED module. A cable with two conductors is needed for the SignLED S2503 LED module.

Only use power supplies which can deliver a constant dc-voltage between 21~24VDC.

Order Code

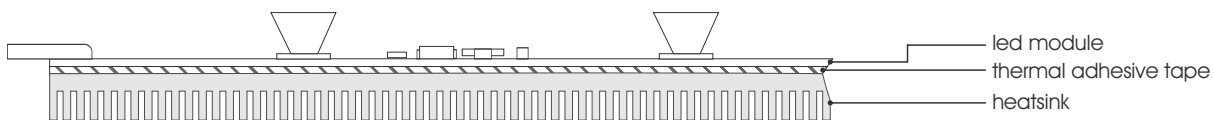
- S25.30.4 - SignLED S2503; 3000K; 397lm; 24VDC; 3,6W; 252mm; No lenses
- S25.30.7 - SignLED S2503; 3000K; 642lm; 24VDC; 6,4W; 252mm; No lenses
- S25.30.8 - SignLED S2503; 3000K; 744lm; 24VDC; 7,7W; 252mm; No lenses
- S25.30.11 - SignLED S2503; 3000K; 945lm; 24VDC; 10,5W; 252mm; No lenses

Order Code Optics

- SIGN.OVAL - Lens 14+47° for SignLED module
- SIGN.OVAL.E - Lens 14+47° encapsulated for SignLED module
- SIGN.OVAL.90 - Lens 14+44° for SignLED module
- SIGN.9 - Lens 9° for SignLED module
- SIGN.12 - Lens 12° for SignLED module
- SIGN.28 - Lens 28° for SignLED module
- SIGN.31 - Lens 31° for SignLED module
- SIGN.44 - Lens 44° for SignLED module

Application

To allow sufficient cooling we strongly advise to mount the SignLED S4203 led module on to a heatsink, such as a aluminium profile. For a more efficient heat dissipation thermal conductive adhesive tape should be used between the led module and the heatsink. Properly cooled LED modules will have a significant increase in lifespan, always make sure to properly cool the SignLED modules.



Please contact us for more information about the possibilities