



SIGNLED S4205



The SignLED S4205 is a high power single colour LED module designed for use in signage, entertainment, architectural and industrial applications.

The S4205 is made of an aluminium circuit-module that is equipped with the latest technology. The S4205 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: | 383 lumen (3000K) |
| Lumen output 600mA: | 638 lumen (3000K) |
| Lumen output 712mA: | 730 lumen (3000K) |
| Lumen output 950mA: | 920 lumen (3000K) |
| LED's per module: | 5 |

Power

| | |
|--------------------|---------|
| Power: | 24VDC |
| Consumption 360mA: | 5,8W |
| Consumption 600mA: | 10,3W |
| Consumption 712mA: | 12,4W |
| Consumption 950mA: | 17,6W |
| Maximum length: | 8 meter |

Miscellaneous

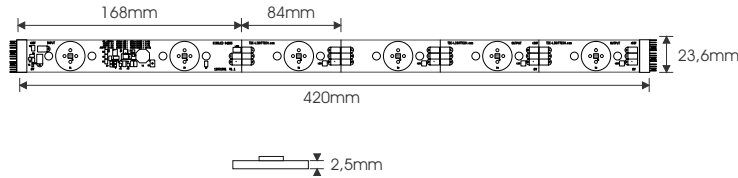
| | |
|-------------------|--|
| Lifespan: | 50.000 hour |
| Module length: | 420mm |
| Cut length: | 168mm + 3 x 84mm |
| Beam angle: | 120° |
| Available optics: | 9° / 12° / 28° / 34° / 44° / 14 x 47° / 14 x 44° / 14 x 44° encapsulated |
| Certifications: | cMETus E1 14112 |





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Dimensions



Wiring

Use min 90°C supply conductors when connecting to the SignLED S4203 LED module. A cable with two conductors is needed for the SignLED S4205 LED module.

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

Order Code

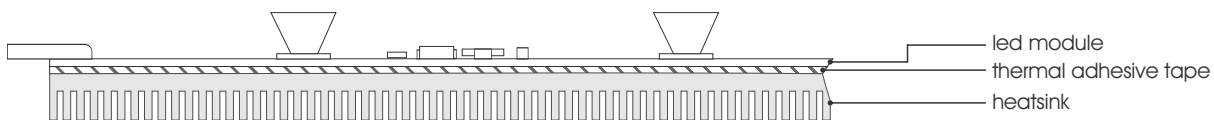
- S42.30.6 - SignLED S4205; 3000K; 680lm; 24VDC; 5,8W; 420mm; No lenses
- S42.30.11 - SignLED S4205; 3000K; 1071lm; 24VDC; 10,3W; 420mm; No lenses
- S42.30.13 - SignLED S4205; 3000K; 1240lm; 24VDC; 12,4W; 420mm; No lenses
- S42.30.18 - SignLED S4205; 3000K; 1576lm; 24VDC; 17,6W; 420mm; No lenses

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