



SIGNLED RGB4212



The SignLED RGB4212 is a high performance RGB LED module that is designed for wall washing, ceiling- and signage applications. The use of separate RGB LED's allows this LED module to create stunning rich saturated colours in the full colour spectrum.

This modular led module can easily be cascaded to create longer LED lines due to the special on-board connectors.

A range of specially designed profiles are available for the RGB4212 LED module.

Features

Signage

Wide range of optics available

Lifespan

50.000+ hours

Output

Different output options

Technical specifications

LED

Colour:	RGB
Lumen output 350mA:	676 lumen (100% RGB)
Lumen output 700mA:	1210 lumen (100% RGB)
LED's per module:	12

Power

Current input:	350mA / 700mA
Forward voltage per module per colour:	Max 13,2V (700mA)
Consumption 350mA:	14W
Consumption 700mA:	28W
Maximum length:	4 meter

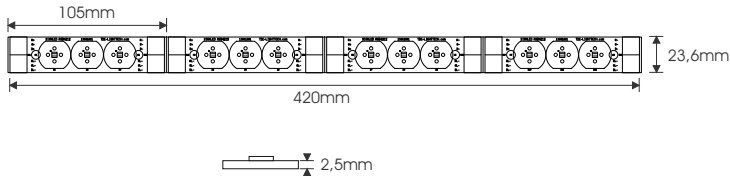
Miscellaneous

Lifespan:	50.000 hour
Module length:	420mm
Cut length:	105mm
Beam angle:	120°
Available optics:	9° / 12° / 28° / 34° / 44° / 14 x 47° / 14 x 44° / 14 x 44° encapsulated



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Dimensions



Wiring

Use min 90°C supply conductors when connecting to the SignLED RGB4212 LED module. A cable with six conductors is needed for the SignLED RGB4212 LED module.

Only use power supplies which can deliver a constant current of 350mA or 700mA.

Order Code

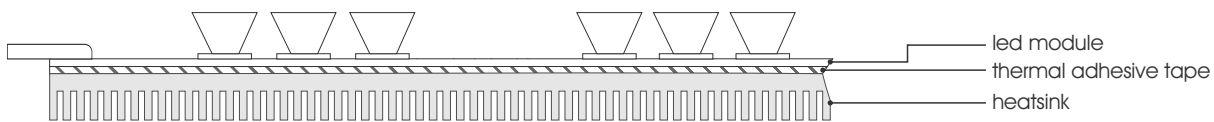
S42.RGB.9 - SignLED RGB4212; 9W; 350mA; 420mm; No lenses
S42.RGB.18 - SignLED RGB4212; 18W; 700mA; 420mm; No lenses

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