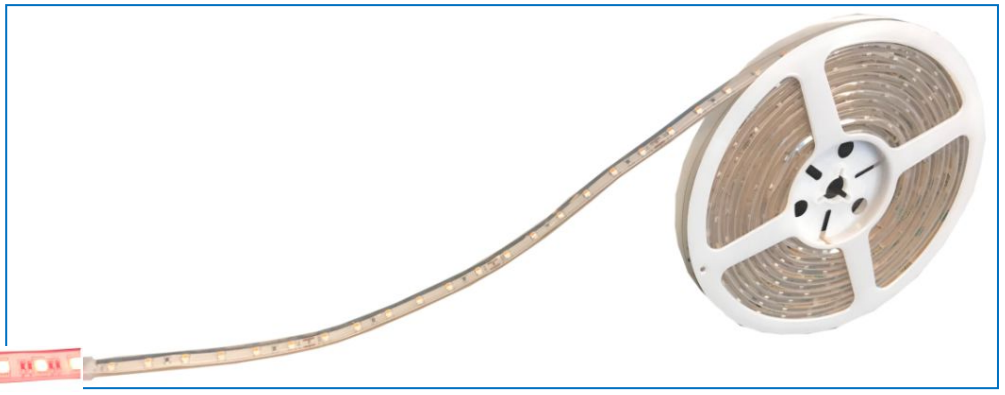
IP 65 LED Ribbon



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FACT FILE:

	Single Colour	RGBW Colour Mixing
General Information		
Body Construction	Flexible PCB encased in loose silicone sleeve	Flexible PCB encased in loose silicone sleeve
LED Type	2835 SMD LED 60 LEDs per m	5050 SMD LED 30 LEDs per m 60 LEDs per m
Sleeve Type	Square silicone sleeve – not bonded to LEDs	Square silicone sleeve – not bonded to LEDs
Recommended Height Installation	NA	NA
Compliance	SANS 60598	SANS 60598
IP Rating	IP 65 Joints need to be made by qualified staff otherwise IP rating is nullified.	IP 65 Joints need to be made by qualified staff otherwise IP rating is nullified.
Control Type	Either on/off or DALI or DMX or 1-10V	Either on/off or DALI or DMX or 1-10V
Electrical Information		
Electrical Class	24V system – power supply is Class 1	24V system – power supply is Class 1
Socket Options	NA	NA
Supply Voltage	24V DC	Appropriate colour control system
Surge Protection	Dependant on power supply – minimum 2kV	Dependant on power supply – minimum 2kV
Power Factor	Better than 0,94	Better than 0,94
Optical Information		
CRI	Better than 84 – above 94 on request.	Better than 84 – above 94 on request.
Optical Information		
CCT	3000K or 4000K or 5000K - others on request	RGBW
Performance		
Total Circuit load and Lumens (per m)	Neutral white- 700lumen Warm white - 500 lumen 5W	Red –NA Green –NA Blue –NA 3000K -830lumens 4000/5000K 830lumens 15W per m –if all 4 colours are ramped to full output
Operating Conditions		
Operating Temperature range	-20C to +45C	Better than 84 – above 94 on request.
DImensions and Mounting		
Weight	Under 50G per m	Under 50G per m
Installation Data	Available	Available

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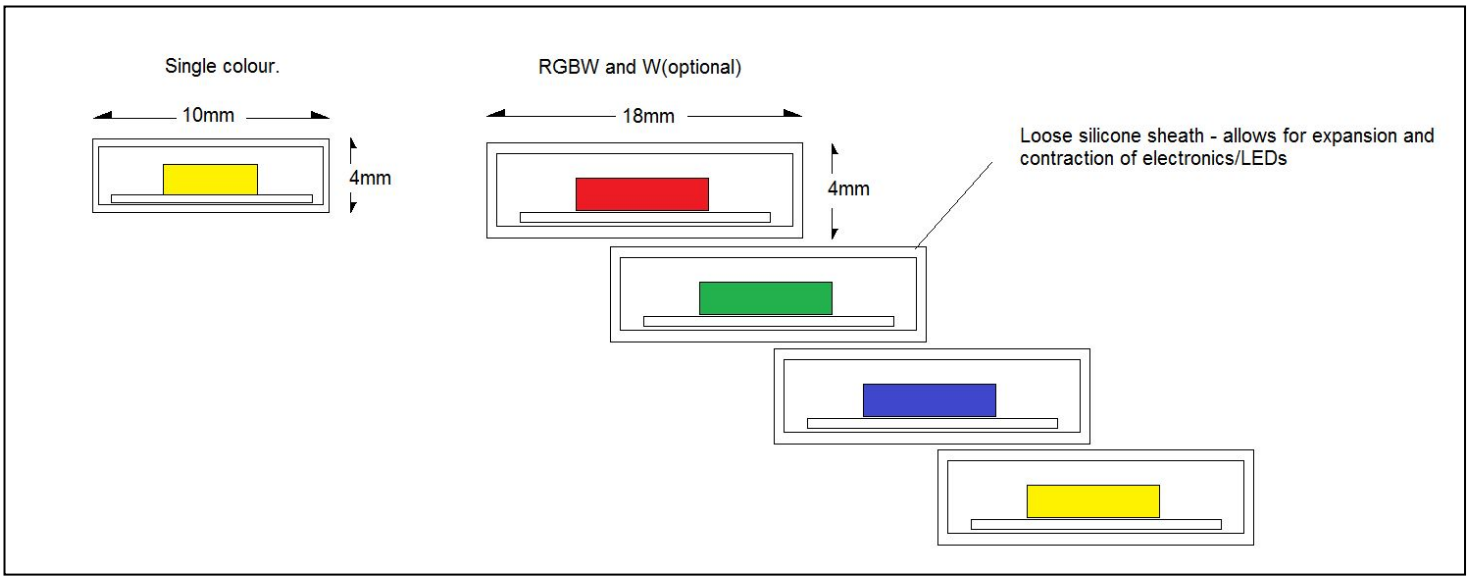

Lumen values are as measured at source - on the PCB - not exiting light fitting. Due to the fast pace of development - values are subject to change at any time and without notice.

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