Flexible LED strip for illumination and signalling.

Illumination

- **LEDs in RGB and white can be controlled directly via digital inputs.**

- **Extremely robust, fully potted design with protection rating IP 68.**

- **Bent or straight installation.**

- **Powerful LEDs for high light yield.**

- **Different length versions available.**

IP 68

RGB Technology

Illumination and signalling all-in-one.

LED strips cannot only be used as machine light but also indicate the machine status with different light colours. The LED strips are available in different lengths and flexible in use. They can be quickly and securely fastened with optional aluminium profiles so that even out-of-the way corners are lit up without casting shadows. Their robust design with protection rating IP 68 allows for a wide range of applications.

Enough colour

The LED strips consist of powerful LEDs in the colours RGB and white. Triggering is via four digital inputs that can be used to produce the colours Red, Yellow, Green, Blue, Cyan and Purple, as well as pure white light. Indeed any colour shade is possible with using pulse width modulation control.

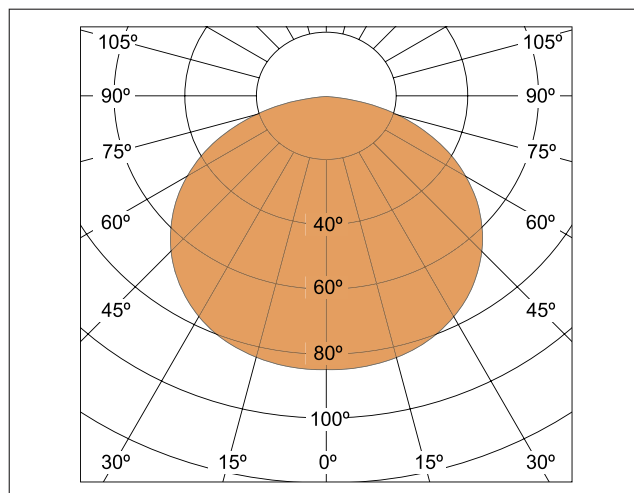| Design	Dimensions [mm]	Illuminated area [mm]	Current consumption [mA]	Luminous flux [lm]	Order no.
LED strip RGBW					
	77.5 x 14.2 x 4.5	62.5	100	red: 12.6 / green: 23.6 / blue: 4.6 / white: 35.6	**DV1000**
	265 x 14.2 x 4.5	250	400	red: 25.3 / green: 67.2 / blue: 9.2 / white: 71.3	**DV1001**
	515 x 14.2 x 4.5	500	800	red: 50.6 / green: 94.4 / blue: 18.5 / white: 142.6	**DV1002**
	765 x 14.2 x 4.5	750	1200	red: 75.9 / green: 161.6 / blue: 27.7 / white: 213.9	**DV1003**
	1015 x 14.2 x 4.5	1000	1600	red: 101.2 / green: 188.8 / blue: 37 / white: 285.2	**DV1004**

Accessories

Design	Description	Order no.
Mounting accessories		
	Mounting profile 62.5 mm	**E89030**
	Mounting profile 250 mm	**E89031**
	Mounting profile 500 mm	**E89032**
	Mounting profile 750 mm	**E89033**
	Mounting profile 1000 mm	**E89034**
	Mounting clip	**E70442**
Connection technology		
	Y cable for connection to output modules	**EVC854**

Common technical data

Operating voltage	[V DC]	21.6...26.4
Nominal voltage	[V DC]	24 (according to SELV / PELV)
Colour temperature	[K]	4,000
Typ. life cycle	[h]	30,000
Input circuit digital inputs	[V PNP]	24
Input current high	[mA]	10
Ambient temperature	[°C]	-20...45
Max. permissible relative humidity	[%]	90
Max. height above sea level	[m]	4,000
Protection		IP 68
Degree of soiling		2

Diagrams and graphs

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For further technical details, please visit: ifm.com