

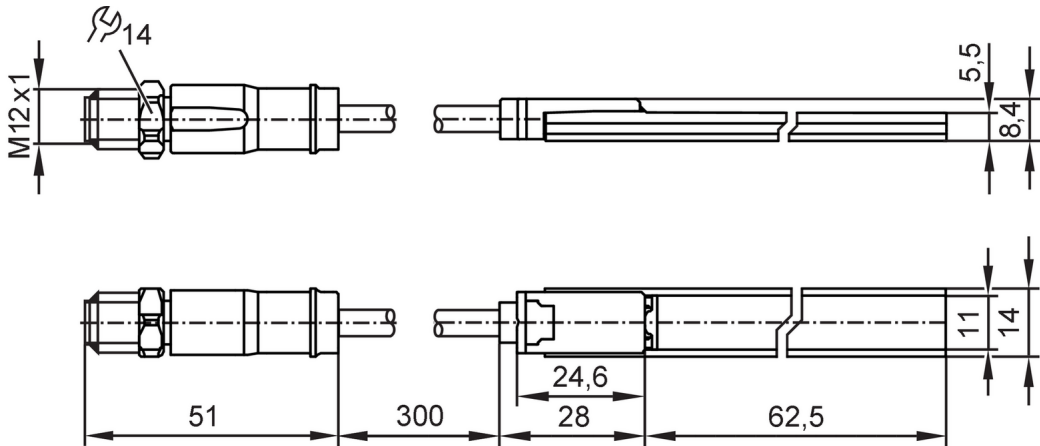
DV1150



LED strip RGBW

LED-Strip-RGBW-transp-62,5mm-cl

IO-Link-capable with DP1615



Application		
Special feature	Halogen-free; gold-plated contacts; Drag chain suitability	
Application	signaling machine conditions	
Electrical data		
Operating voltage	[V]	21.6...26.4 DC
Nominal voltage DC	[V]	24; (to SELV/PELV)
Max. current consumption	[mA]	50; (red: 10; green: 10; blue: 10; white: 20)
Color temperature	[K]	7500
Luminous flux	[lm]	red: 8; green: 22; blue: 6; white: 48
Typ. lifetime	[h]	60000
Inputs		
Input circuit of digital inputs	24 V PNP	
Operating conditions		
Ambient temperature	[°C]	-20...45
Storage temperature	[°C]	-25...65
Max. relative air humidity	[%]	90
Max. height above sea level	[m]	4000
Protection	IP 68	
Pollution degree	2	
Tests / approvals		
Approval	EN 62471; IEC 62031	
Note on approval	EN 62471: risk group 0	
Mechanical data		
Weight	[g]	208
Dimensions	[mm]	90.5 x 14 x 8.4
Material	housing: TPU (urethane)	
Sealing material	FKM	
Drag chain suitability	yes	

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Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²
	Bending cycles	> 1 Mio.
	Torsional strain	± 180 °/m

Displays / operating elements

Display	signaling machine conditions	LED, multi-color RGB
	mounting light	LED, white

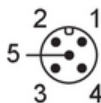
Remarks

Notes	IO-Link-capable with DP1615
Pack quantity	1 pcs.

Electrical connection

Cable: 0.3 m, PUR, Halogen-free, black, Ø 4.3 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

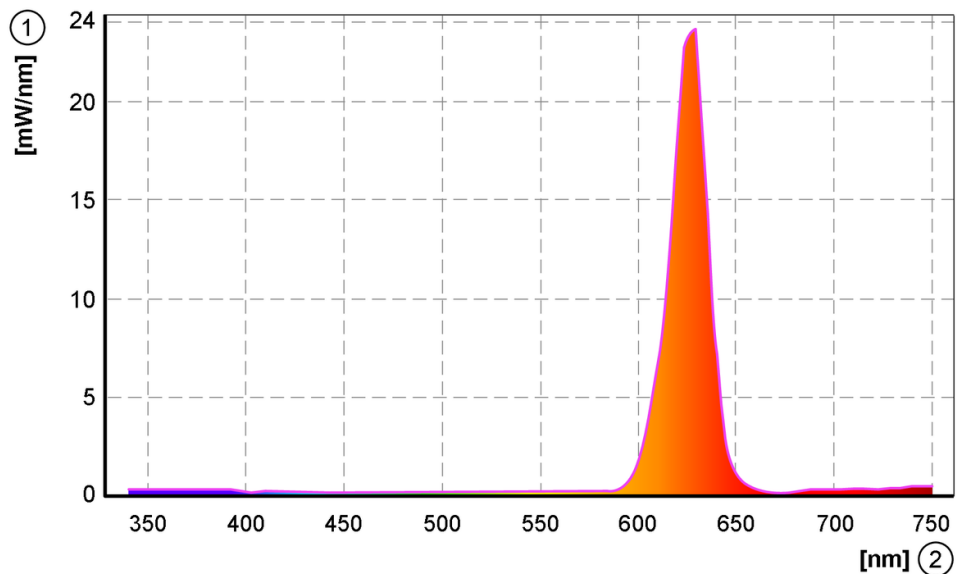
Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm



1	L+	(red)
2	L+	(green)
3	L-	
4	L+	(white)
5	L+	(blue)

Diagrams and graphs

wavelength of the red light spectrum



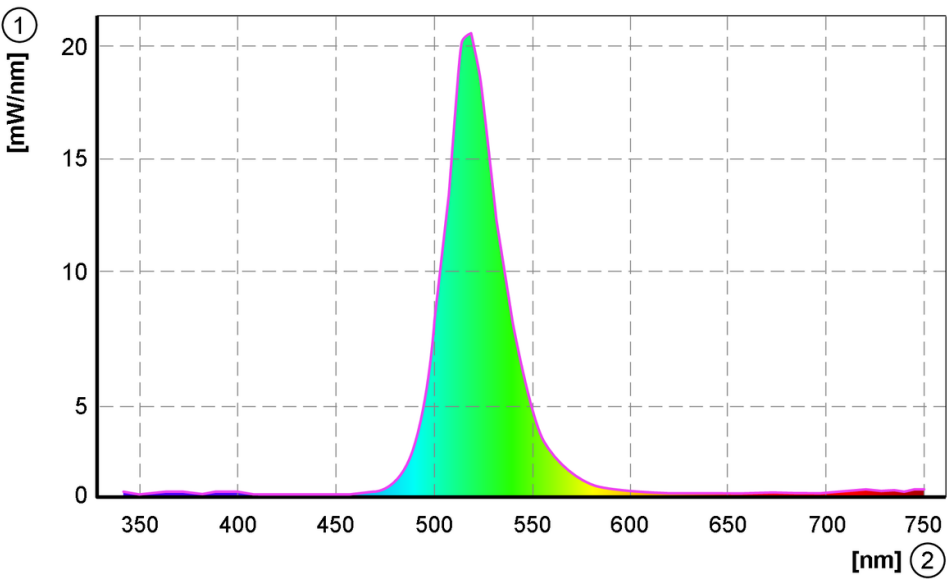
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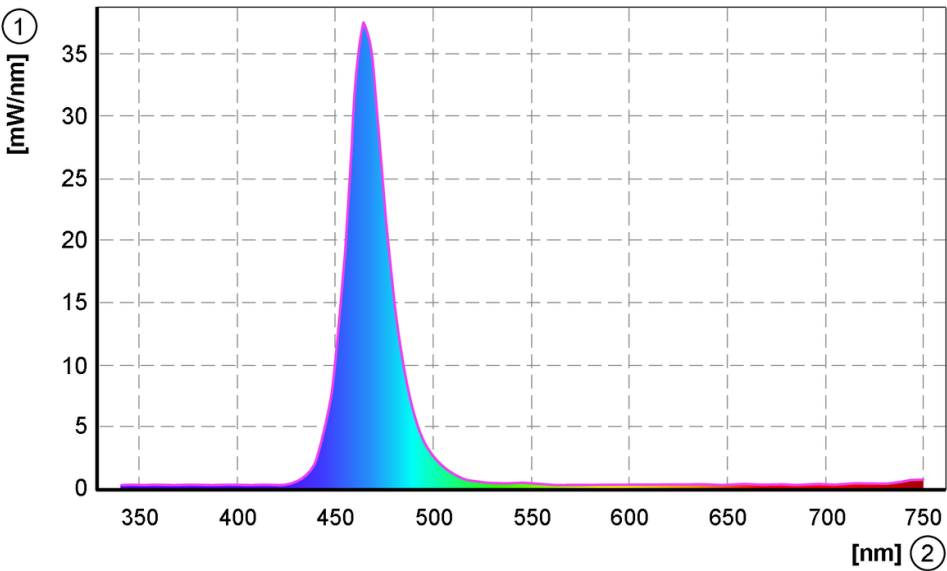
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wavelength of the green light spectrum



- 1 brightness
- 2 Wave length

wavelength of the blue light spectrum



- 1 brightness
- 2 Wave length

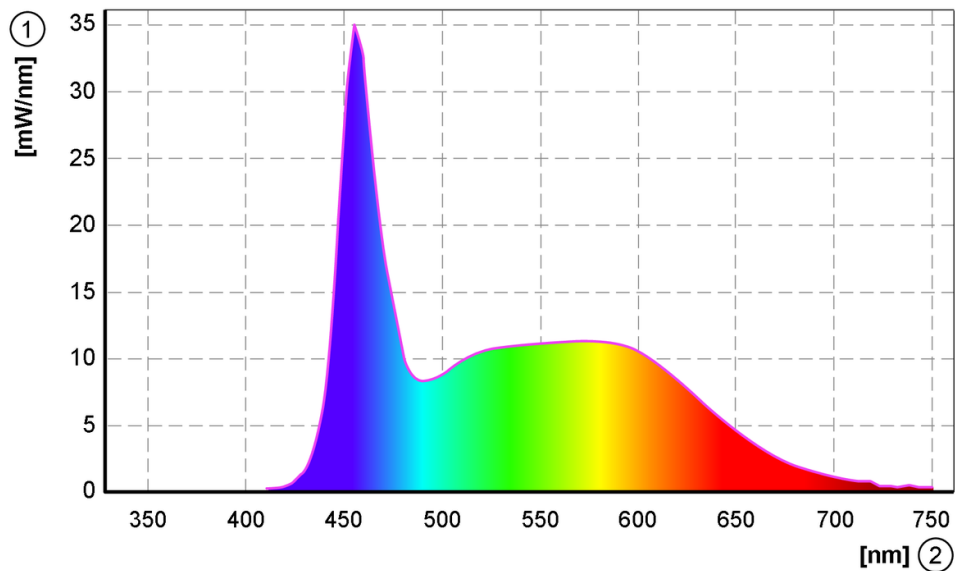
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LED strip RGBW

LED-Strip-RGBW-transp-62,5mm-cl

wavelength of the white light
spectrum



- 1 brightness
- 2 Wave length