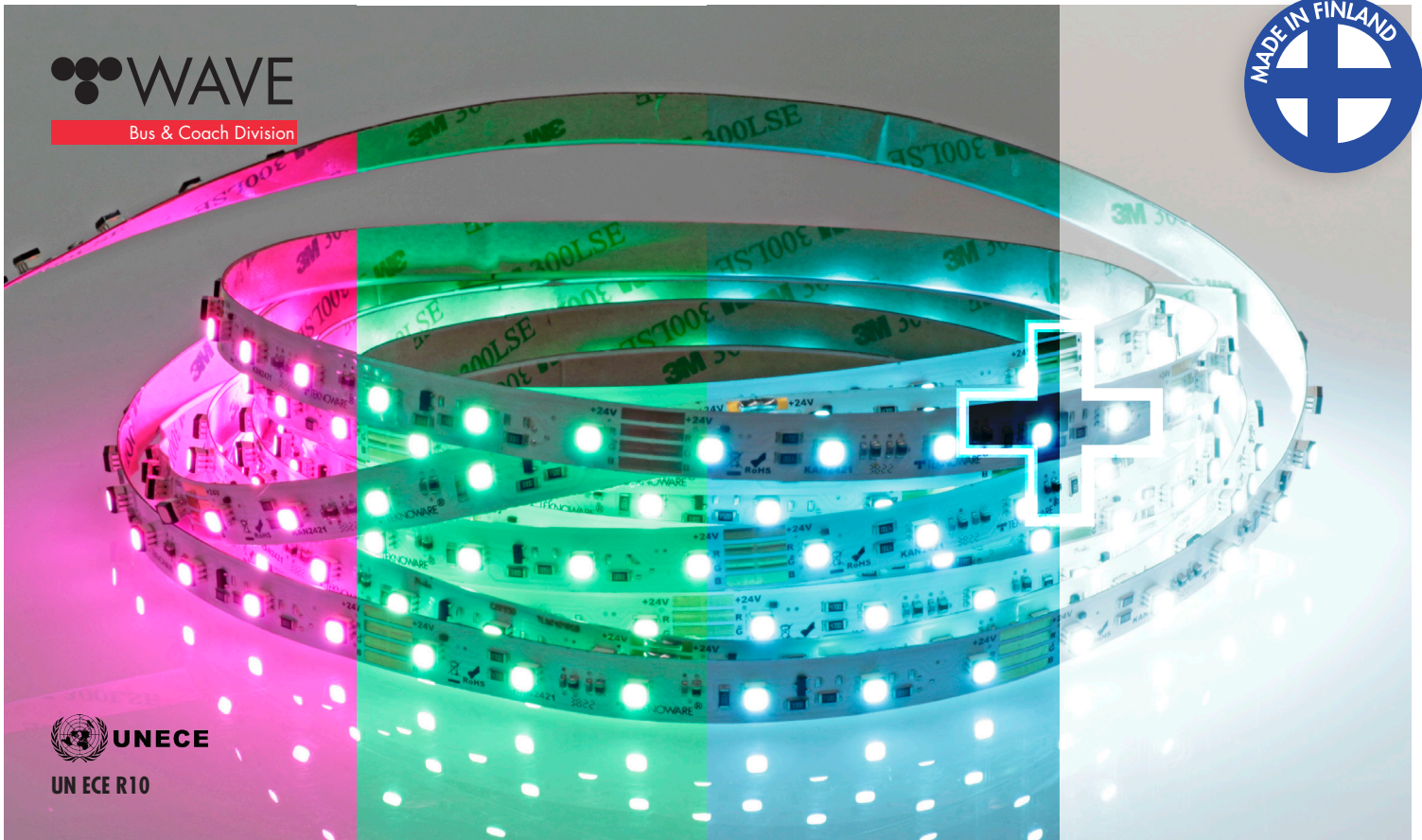


WAVE

Bus & Coach Division



TEKNOWARE WAVE **RGB** TEKNOWARE WAVE **RGB+W**

Flexible LED strip specially designed for use in the automotive industry

Wave is our ode to creativity and our gift to design. With Wave, we will free the hands of light designers and make it possible for them to design light like they always wanted to, but couldn't before. Bend it like Beckham. Design it like Alvar Aalto. Make a wave with it. Run free with it. Use it to wow, to comfort, to light the way. Wave is easy to use, install and fix — just remove worn sections and replace with new ones. No need to rewire.

Teknoware Wave is a flexible LED strip that does what our other LED products do, but it's bendable, cuttable, sustainable and versatile. With Wave, lighting can be integrated in interior structures in completely novel ways, while cutting costs, reducing weight and preserving the environment. Wave is specially designed for use in the automotive industry.

FACTS IN BRIEF



FOR AUTOMOTIVES



SUSTAINABLE



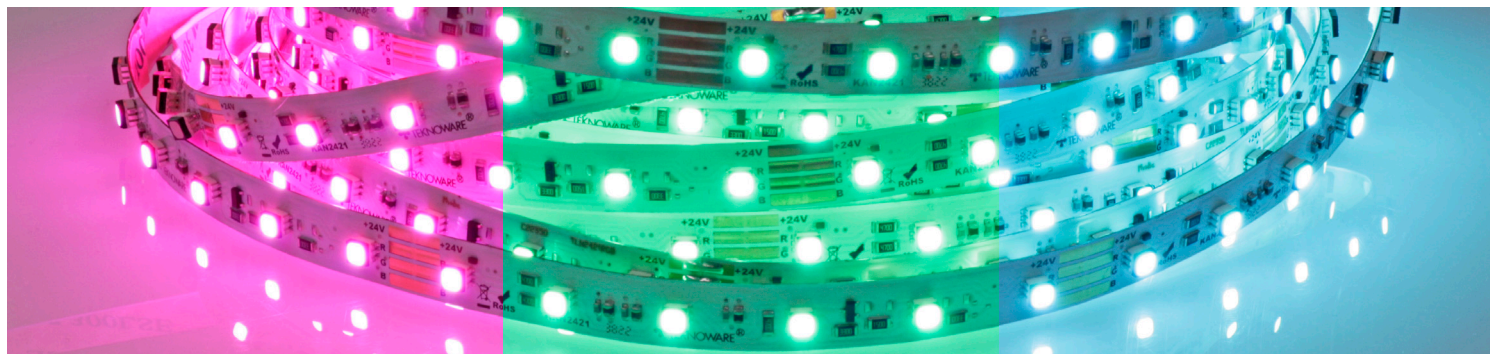
VERSATILE



LIGHTWEIGHT



EASY TO INSTALL



Flexible RGB LED strip 12 VDC

Product information				
Product ID common-	YLN1220RGB			
Product ID common+	YLN1221RGB			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	12 VDC (9–16 VDC)			
Input current $\pm 10\%$	Input voltage 12 V		1 m	6 m
		Red	175 mA	930 mA
		Blue	170 mA	900 mA
	Green	195 mA	1050 mA	
Min.–max.			1 m	6 m
		Red	45–380 mA	210–1930 mA
		Blue	50–345 mA	225–1785 mA
	Green	75–360 mA	390–1890 mA	
LED information				
Light source	60 x RGB LED / m			
	Dominant wavelength			
	Red 619–624 nm			
	Green 520–540 nm			
Blue 460–480 nm				
Lumen maintenance	> 30 000 h L70			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads	Solder pads		
	12 VDC –	12 VDC +		
	R+	R–		
	G+	G–		
	B+	B–		
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				

Flexible RGB LED strip 24 VDC

Product information				
Product ID common-	YLN2420RGB			
Product ID common+	YLN2421RGB			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	24 VDC (18–32 VDC)			
Input current $\pm 10\%$	Input voltage 24 V		1 m	6 m
		Red	100 mA	500 mA
		Blue	105 mA	540 mA
	Green	95 mA	475 mA	
Min.–max.			1 m	6 m
		Red	25–215 mA	110–1180 mA
		Blue	30–185 mA	145–1025 mA
	Green	45–195 mA	225–1085 mA	
LED information				
Light source	60 x RGB LED / m			
	Dominant wavelength			
	Red 619–624 nm			
	Green 520–540 nm			
Blue 460–480 nm				
Lumen maintenance	> 30 000 h L70			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads	Solder pads		
	24 VDC –	24 VDC +		
	R+	R–		
	G+	G–		
	B+	B–		
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				



Flexible RGB + 3000 K LED strip 12 VDC

Product information				
Product ID common-	YLN1230RGBWW			
Product ID common+	YLN1231RGBWW			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	12 VDC (9–16 VDC)			
Input current ±10%	Input voltage 12 V	Red	1 m	6 m
		Blue	175 mA	800 mA
		Green	175 mA	820 mA
		White	195 mA	930 mA
		White	355 mA	1500 mA
Min.–max.		Red	1 m	6 m
		Blue	40–325 mA	160–1470 mA
		Green	50–305 mA	185–1425 mA
		White	75–320 mA	285–1505 mA
		White	90–635 mA	250–2650 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.4242	0.3919	Red 619–624 nm	
	0.4322	0.4096	Green 520–540 nm	
	0.4449	0.4141	Blue 460–480 nm	
0.4359	0.3960			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	12 V White 464 lm / m 2249 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads	Solder pads		
	12 VDC –	12 VDC +		
	R+	R–		
	G+	G–		
	B+	B–		
W+	W–			
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				

Flexible RGB + 3000 K LED strip 24 VDC

Product information				
Product ID common-	YLN2430RGBWW			
Product ID common+	YLN2431RGBWW			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	24 VDC (18–32 VDC)			
Input current ±10%	Input voltage 24 V	Red	1 m	6 m
		Blue	105 mA	560 mA
		Green	95 mA	530 mA
		White	110 mA	600 mA
		White	185 mA	1000 mA
Min.–max.		Red	1 m	6 m
		Blue	25–215 mA	120–1200 mA
		Green	30–185 mA	160–1050 mA
		White	45–195 mA	250–1100 mA
		White	50–365 mA	275–2000 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.4242	0.3919	Red 619–624 nm	
	0.4322	0.4096	Green 520–540 nm	
	0.4449	0.4141	Blue 460–480 nm	
0.4359	0.3960			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	24 V White 497 lm / m 2841 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads	Solder pads		
	24 VDC –	24 VDC +		
	R+	R–		
	G+	G–		
	B+	B–		
W+	W–			
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				



Flexible RGB + 3500 K LED strip 12 VDC

Product information				
Product ID common-	YLN1230RGBWMW			
Product ID common+	YLN1231RGBWMW			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	12 VDC (9–16 VDC)			
Input current $\pm 10\%$	Input voltage 12 V	Red Blue Green White	1 m	6 m
			175 mA	800 mA
			175 mA	820 mA
			195 mA	930 mA
			355 mA	1500 mA
Min.–max.		Red Blue Green White	1 m	6 m
			40–325 mA	160–1470 mA
			50–305 mA	185–1425 mA
			75–320 mA	285–1505 mA
			90–635 mA	250–2650 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.3981	0.3800	Red 619–624 nm	
	0.4040	0.3966	Green 520–540 nm	
	0.4186	0.4037	Blue 460–480 nm	
0.4116	0.3865			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	12 V White 471 lm / m 2285 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads 12 VDC –		Solder pads 12 VDC +	
	R+			R–
	G+			G–
	B+			B–
	W+			W–
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				

Flexible RGB + 3500 K LED strip 24 VDC

Product information				
Product ID common-	YLN2430RGBWMW			
Product ID common+	YLN2431RGBWMW			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	24 VDC (18–32 VDC)			
Input current $\pm 10\%$	Input voltage 24 V	Red Blue Green White	1 m	6 m
			105 mA	560 mA
			95 mA	530 mA
			110 mA	600 mA
			185 mA	1000 mA
Min.–max.		Red Blue Green White	1 m	6 m
			25–215 mA	120–1200 mA
			30–185 mA	160–1050 mA
			45–195 mA	250–1100 mA
			50–365 mA	275–2000 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.3981	0.3800	Red 619–624 nm	
	0.4040	0.3966	Green 520–540 nm	
	0.4186	0.4037	Blue 460–480 nm	
0.4116	0.3865			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	24 V White 505 lm / m 2886 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads 24 VDC –		Solder pads 24 VDC +	
	R+			R–
	G+			G–
	B+			B–
	W+			W–
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				



Flexible RGB + 4000 K LED strip 12 VDC

Product information				
Product ID common-	YLN1230RGBWN			
Product ID common+	YLN1231RGBWN			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	12 VDC (9–16 VDC)			
Input current ±10%	Input voltage 12 V	Red Blue Green White	1 m	6 m
			175 mA	800 mA
			175 mA	820 mA
			195 mA	930 mA
			355 mA	1500 mA
Min.–max.		Red Blue Green White	1 m	6 m
			40–325 mA	160–1470 mA
			50–305 mA	185–1425 mA
			75–320 mA	285–1505 mA
			90–635 mA	250–2650 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.3782	0.3837	Red 619–624 nm	
	0.3912	0.3917	Green 520–540 nm	
	0.3863	0.3758	Blue 460–480 nm	
0.3744	0.3685			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	12 V White 490 lm / m 2375 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads	Solder pads		
	12 VDC –	12 VDC +		
	R+	R–		
	G+	G–		
	B+	B–		
W+	W–			
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				

Flexible RGB + 4000 K LED strip 24 VDC

Product information				
Product ID common-	YLN2430RGBWN			
Product ID common+	YLN2431RGBWN			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	24 VDC (18–32 VDC)			
Input current ±10%	Input voltage 24 V	Red Blue Green White	1 m	6 m
			105 mA	560 mA
			95 mA	530 mA
			110 mA	600 mA
			185 mA	1000 mA
Min.–max.		Red Blue Green White	1 m	6 m
			25–215 mA	120–1200 mA
			30–185 mA	160–1050 mA
			45–195 mA	250–1100 mA
			50–365 mA	275–2000 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.3782	0.3837	Red 619–624 nm	
	0.3912	0.3917	Green 520–540 nm	
	0.3863	0.3758	Blue 460–480 nm	
0.3744	0.3685			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	24 V White 525 lm / m 3000 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads	Solder pads		
	24 VDC –	24 VDC +		
	R+	R–		
	G+	G–		
	B+	B–		
W+	W–			
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				



Flexible RGB + 5000 K LED strip 12 VDC

Product information				
Product ID common-	YLN1230RGBWC			
Product ID common+	YLN1231RGBWC			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	12 VDC (9–16 VDC)			
Input current ±10%	Input voltage 12 V	Red Blue Green White	1 m	6 m
			175 mA	800 mA
			175 mA	820 mA
			195 mA	930 mA
			355 mA	1500 mA
Min.–max.		Red Blue Green White	1 m	6 m
			40–325 mA	160–1470 mA
			50–305 mA	185–1425 mA
			75–320 mA	285–1505 mA
			90–635 mA	250–2650 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m	
	x	y	Dominant wavelength	
	0.3415	0.3587	Red 619–624 nm	
	0.3500	0.3655	Green 520–540 nm	
	0.3485	0.3522	Blue 460–480 nm	
0.3407	0.3460			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	12 V White 497 lm / m 2411 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads 12 VDC –		Solder pads 12 VDC +	
	R+			R–
	G+			G–
	B+			B–
	W+			W–
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				

Flexible RGB + 5000 K LED strip 24 VDC

Product information				
Product ID common-	YLN2430RGBWC			
Product ID common+	YLN2431RGBWC			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	24 VDC (18–32 VDC)			
Input current ±10%	Input voltage 24 V	Red Blue Green White	1 m	6 m
			105 mA	560 mA
			95 mA	530 mA
			110 mA	600 mA
			185 mA	1000 mA
Min.–max.		Red Blue Green White	1 m	6 m
			25–215 mA	120–1200 mA
			30–185 mA	160–1050 mA
			45–195 mA	250–1100 mA
			50–365 mA	275–2000 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m	
	x	y	Dominant wavelength	
	0.3415	0.3587	Red 619–624 nm	
	0.3500	0.3655	Green 520–540 nm	
	0.3485	0.3522	Blue 460–480 nm	
0.3407	0.3460			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	24 V White 533 lm / m 3045 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads 24 VDC –		Solder pads 24 VDC +	
	R+			R–
	G+			G–
	B+			B–
	W+			W–
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				



Flexible RGB + 5700 K LED strip 12 VDC

Product information				
Product ID common-	YLN1230RGBWCC			
Product ID common+	YLN1231RGBWCC			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	12 VDC (9–16 VDC)			
Input current ±10%	Input voltage 12 V	Red Blue Green White	1 m	6 m
			175 mA	800 mA
			175 mA	820 mA
			195 mA	930 mA
			355 mA	1500 mA
Min.–max.		Red Blue Green White	1 m	6 m
			40–325 mA	160–1470 mA
			50–305 mA	185–1425 mA
			75–320 mA	285–1505 mA
			90–635 mA	250–2650 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.3252	0.3444	Red 619–624 nm	
	0.3333	0.3518	Green 520–540 nm	
	0.3331	0.3398	Blue 460–480 nm	
0.3256	0.3331			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	12 V White 494 lm / m 2393 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads 12 VDC –		Solder pads 12 VDC +	
	R+			R–
	G+			G–
	B+			B–
	W+			W–
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				

Flexible RGB + 5700 K LED strip 24 VDC

Product information				
Product ID common-	YLN2430RGBWCC			
Product ID common+	YLN2431RGBWCC			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	24 VDC (18–32 VDC)			
Input current ±10%	Input voltage 24 V	Red Blue Green White	1 m	6 m
			105 mA	560 mA
			95 mA	530 mA
			110 mA	600 mA
			185 mA	1000 mA
Min.–max.		Red Blue Green White	1 m	6 m
			25–215 mA	120–1200 mA
			30–185 mA	160–1050 mA
			45–195 mA	250–1100 mA
			50–365 mA	275–2000 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.3252	0.3444	Red 619–624 nm	
	0.3333	0.3518	Green 520–540 nm	
	0.3331	0.3398	Blue 460–480 nm	
0.3256	0.3331			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	24 V White 529 lm / m 3023 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads 24 VDC –		Solder pads 24 VDC +	
	R+			R–
	G+			G–
	B+			B–
	W+			W–
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				



Flexible RGB + 6500 K LED strip 12 VDC

Product information				
Product ID common-	YLN1230RGBWBC			
Product ID common+	YLN1231RGBWBC			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	12 VDC (9–16 VDC)			
Input current ±10%	Input voltage 12 V	Red	1 m	6 m
		Blue	175 mA	800 mA
		Green	175 mA	820 mA
		White	195 mA	930 mA
		White	355 mA	1500 mA
Min.–max.		Red	1 m	6 m
		Blue	40–325 mA	160–1470 mA
		Green	50–305 mA	185–1425 mA
		White	75–320 mA	285–1505 mA
		White	90–635 mA	250–2650 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.3080	0.3298	Red 619–624 nm	
	0.3166	0.3384	Green 520–540 nm	
	0.3177	0.3278	Blue 460–480 nm	
0.3098	0.3199			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	12 V White 490 lm / m 2375 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads	Solder pads		
	12 VDC –	12 VDC +		
	R+	R–		
	G+	G–		
	B+	B–		
	W+	W–		
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				

Flexible RGB + 6500 K LED strip 24 VDC

Product information				
Product ID common-	YLN2430RGBWBC			
Product ID common+	YLN2431RGBWBC			
Length	6000 mm			
Min. operating length	100 mm			
LED strip cut-off interval	100 mm			
Width	10 mm			
Fastening	3M 300LSE tape			
Electrical characteristics				
Light input voltage	24 VDC (18–32 VDC)			
Input current ±10%	Input voltage 24 V	Red	1 m	6 m
		Blue	105 mA	560 mA
		Green	95 mA	530 mA
		White	110 mA	600 mA
		White	185 mA	1000 mA
Min.–max.		Red	1 m	6 m
		Blue	25–215 mA	120–1200 mA
		Green	30–185 mA	160–1050 mA
		White	45–195 mA	250–1100 mA
		White	50–365 mA	275–2000 mA
LED information				
Light source	Main light 60 x WHITE LEDs / m Colour coordinates (CIE1931 colour space)		Mood light 60 x RGB LEDs / m Dominant wavelength	
	x	y		
	0.3080	0.3298	Red 619–624 nm	
	0.3166	0.3384	Green 520–540 nm	
	0.3177	0.3278	Blue 460–480 nm	
0.3098	0.3199			
Colour rendering index	White: > 80			
Lumen maintenance	White: > 50 000 h L70 RGB: > 30 000 h L70			
Luminous flux	24 V White 525 lm / m 3000 lm / 6 m			
Material characteristics				
Circuit board	Polyimide			
Connectors	Solder pads	Solder pads		
	24 VDC –	24 VDC +		
	R+	R–		
	G+	G–		
	B+	B–		
	W+	W–		
Environmental conditions				
Operating temperature	–25 °C...+70 °C			
Storage	–40 °C...+70 °C			
Product features				
<ul style="list-style-type: none"> Protected against reverse input voltage polarity Electromagnetic compatibility UNECE R10 UNECE R118 approval for circuit board Package contents: cardboard box with 6 m LED strip installation instructions package weight 170 g 				