

RTR
Roll To Roll LED Flex

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FLEXIBLE LED STRIP LINEAR LIGHT PRODUCTS

Catalogue 2023

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RTR LED Limited

About RTR Company

RTR LED LIMITED apply the advanced RTR (R2R, Roll to Roll) processing technology and the experienced silicone co-extrusion technology to produce high quality flexible LED strip linear lighting products.

With 15 years of experience in the LED light strip industry and 5 years of practice experience in silicone extrusion of LED light strips, we feel more and more that the silicone extrusion process has a great impact on the structural and secondary optical design to LED light strip products.

With our rich experience in serving European and American customers of LED light strip product market over the past years, we have won unanimous praise from international judges. Based on the excellent design concepts of the Red Dot Design Awards, we established RTR LED Limited and keep focusing on providing high-quality LED light strip products for our customers, especially all kinds of silicone extruded LED lights with flexible LED linear light strips.

Besides the structural part design according to customer's requirement, we pay more attention to the secondary optical design part, and optimization of light quality and control of light angle are our constant pursuits.

Our products include BEAMFLEX series flexible LED wall washer wall grazer linear lights, HOLLOFLEX series, SEMIOFLEX series, FLATFLEX series, SIDE-FLEX series, TRIANFLEX series, UPDOWFLEX series, GLASFLEX series LED neon flex light products etc., and the products have the IP66 IP rating even some have IP68 IP rating according to IP(Ingress Protection) ratings defined in international standard EN 60529.



Red Dot Design
Award



Management
Team



Innovation



Experience

Factory



Table of CONTENT

01 BEAMFLEX Series Flexible LED Wall Washer Lights 01-08

02 HIDENFLEX Series IP20 Flexible LED Strips 09-17

03 HOLLOFLEX Series IP66 Waterproof Flexible LED Strips 18-21

04 SEMIOFLEX Series IP68 Waterproof Flexible LED Strips 22-25

05 FLATFLEX Series Flexible LED Linear Neon Flex Lights 26-35

06 SIDEFLEX Series Flexible LED Linear Neon Flex Lights 36-39

07 TRIANFLEX Series Flexible LED Linear Neon Flex Lights 40-42

08 UPDOWFLEX Series Flexible LED Linear Neon Flex Lights 43-46

09 GLASFLEX Series Flexible LED Linear Neon Flex Lights 47-49

10 Accessories 50-51

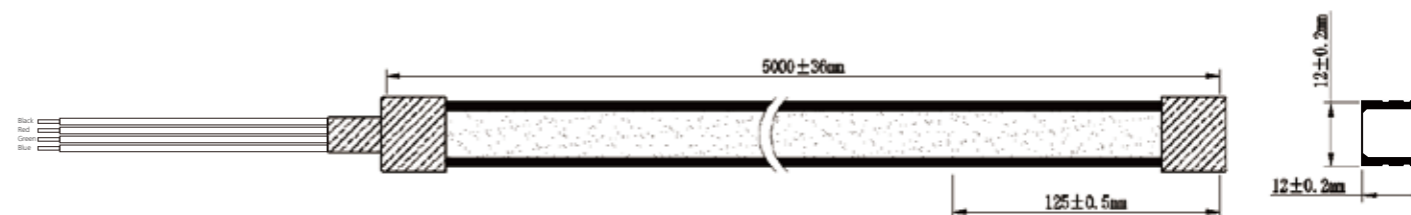


BEAMFLEX

Series Flexible LED Wall Washer Lights



BEAMFLEX RGB Flexible LED Wall Washer (13°x13° J022)
(24VDC 126LED/meter 17W/meter)



Parameter

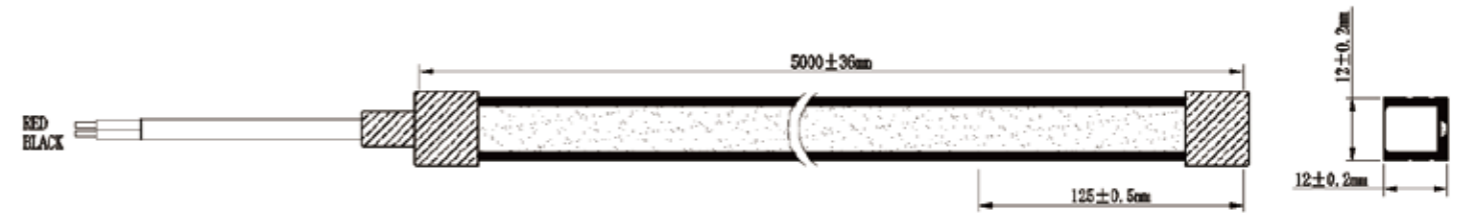
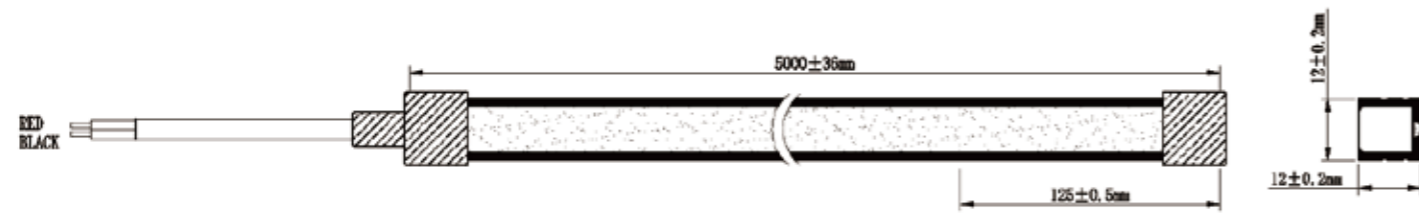
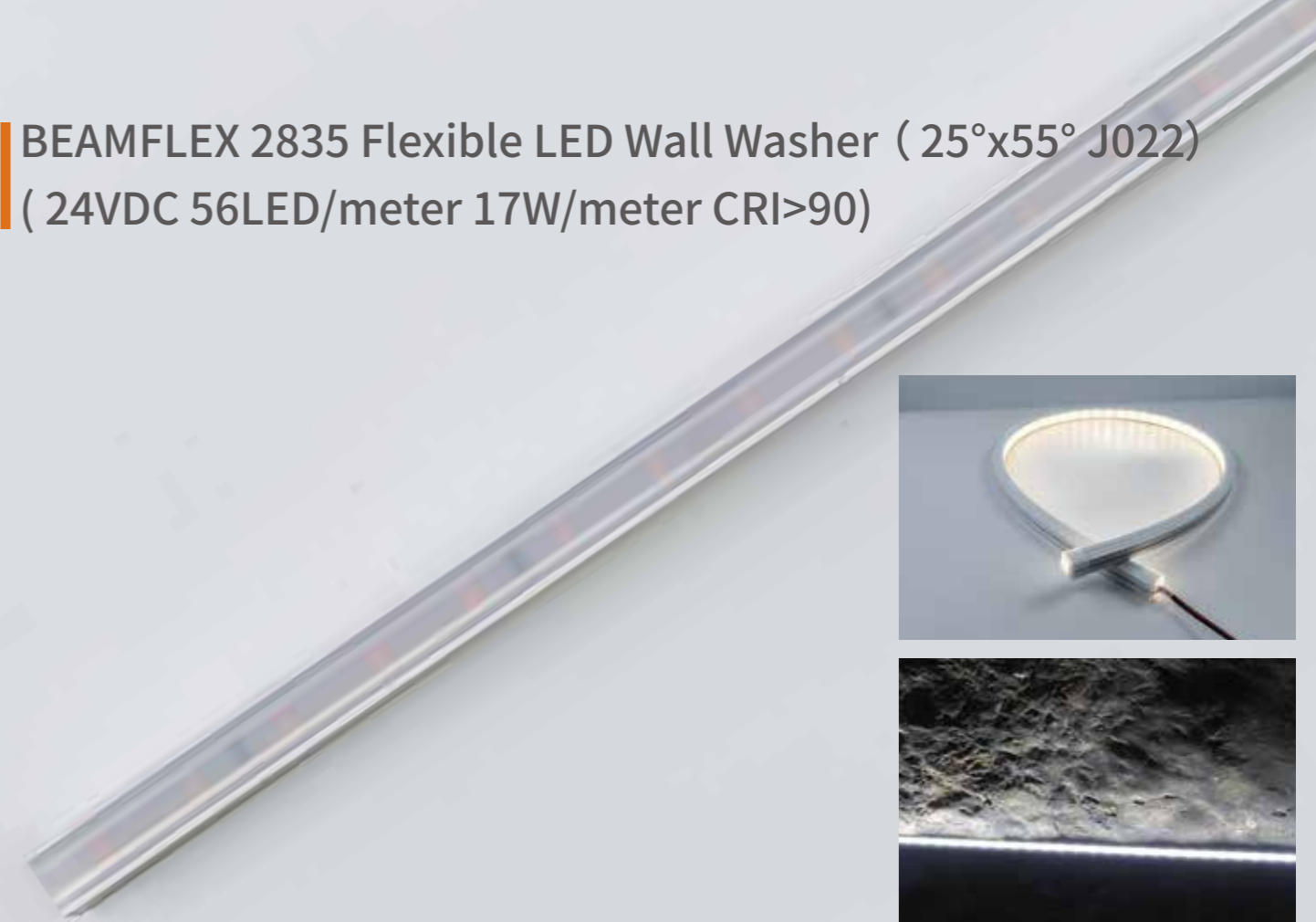
Part No.	V/DC	pow. (w/m)	CCT	CRI	LM/M	LM/W	NM	IP
RTR-CAA24-6000	24	5	R	27	170	34	620-630	IP66
		6.5	G	0	520	80	520-530	IP66
		6	B	0	110	18	460-470	IP66
		17	RGB	56	770	45	480-490	IP66

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M no need for additional heat sinking, if more than 14.4W/M must be used the heat sinking.

BEAMFLEX Flexible LED Wall Washer (13°x50° J022)
 (24VDC 56LED/meter 17W/meter CRI>90)



BEAMFLEX 2835 Flexible LED Wall Washer (25°x55° J022)
 (24VDC 56LED/meter 17W/meter CRI>90)



Parameter

Part No.	V/DC	pow. (w/m)	CCT	CRI	LM/M	LM/W	SDCM	IP
RTR-CAA24-6930	24	17	3000K	90	986	58	≤5	IP66
RTR-CAA24-6940	24	17	4000K	90	1105	65	≤5	IP66
RTR-CAA24-6965	24	17	6500K	90	1105	65	≤5	IP66

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
 2. Up to 14.4W/M no need for additional heat sinking , if more than 14.4W/M must be used the heat sinking.

Parameter

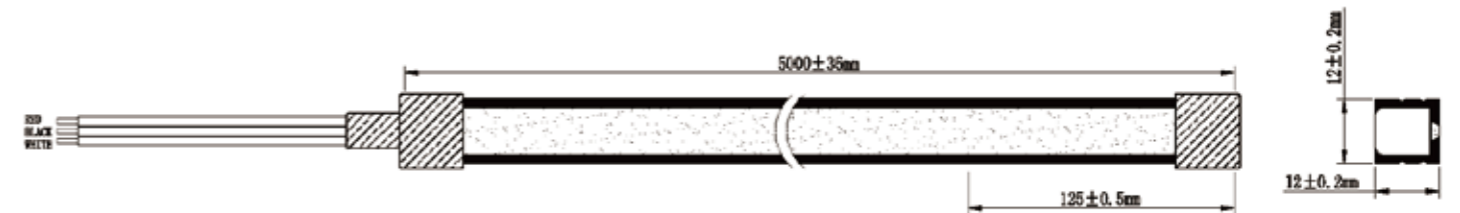
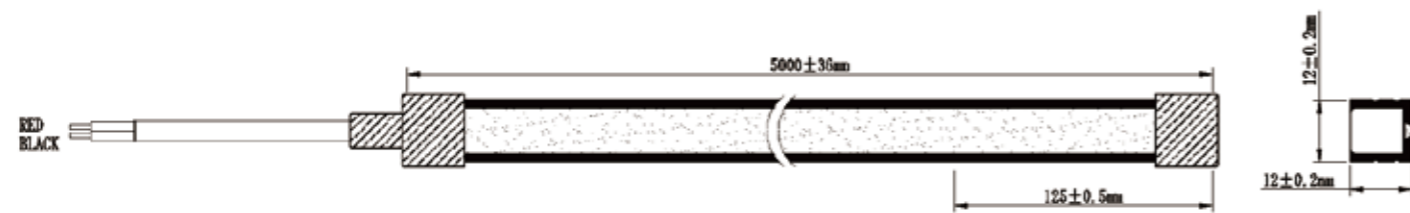
Part No.	V/DC	pow. (w/m)	CCT	CRI	LM/M	LM/W	SDCM	IP
RTR-CAA24-6930	24	17	3000K	90	986	58	≤5	IP66
RTR-CAA24-6940	24	17	4000K	90	1105	65	≤5	IP66
RTR-CAA24-6965	24	17	6500K	90	1105	65	≤5	IP66

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
 2. Up to 14.4W/M no need for additional heat sinking , if more than 14.4W/M must be used the heat sinking.

BEAMFLEX Flexible LED Wall Washer (45°x55° J025)
 (24VDC 56LED/meter 17W/meter CRI>90)



BEAMFLEX Flexible LED Wall Washer (CCT Tunable 13°x50° J022)
 (24VDC 112LED/meter 17W/meter CRI>90)



Parameter

Part No.	V/DC	pow. (w/m)	CCT	CRI	LM/M	LM/W	SDCM	IP
RTR-CAA24-6930	24	17	3000K	90	986	58	≤5	IP66
RTR-CAA24-6940	24	17	4000K	90	1105	65	≤5	IP66
RTR-CAA24-6965	24	17	6500K	90	1105	65	≤5	IP66

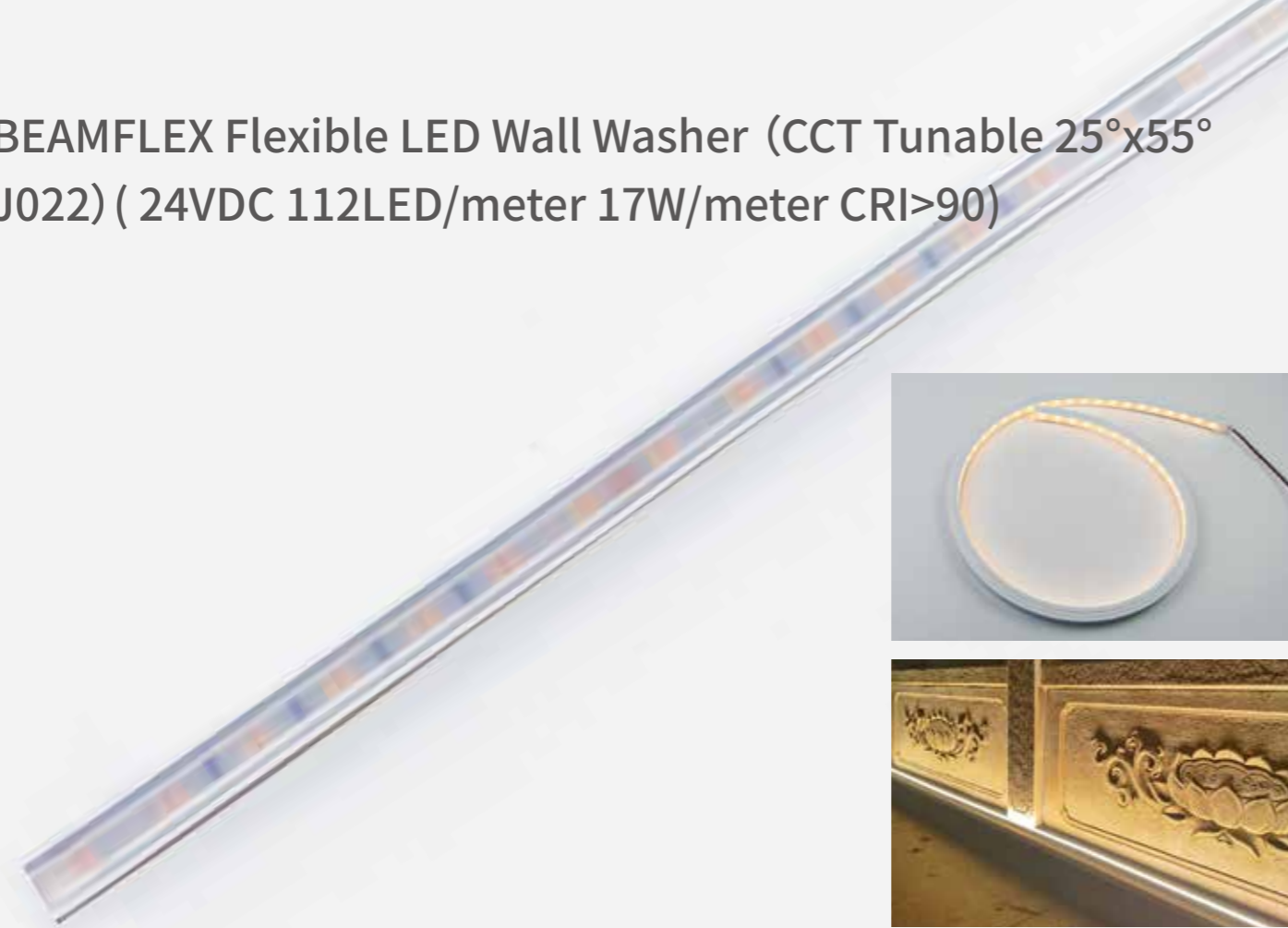
1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
 2. Up to 14.4W/M no need for additional heat sinking , if more than 14.4W/M must be used the heat sinking.

Parameter

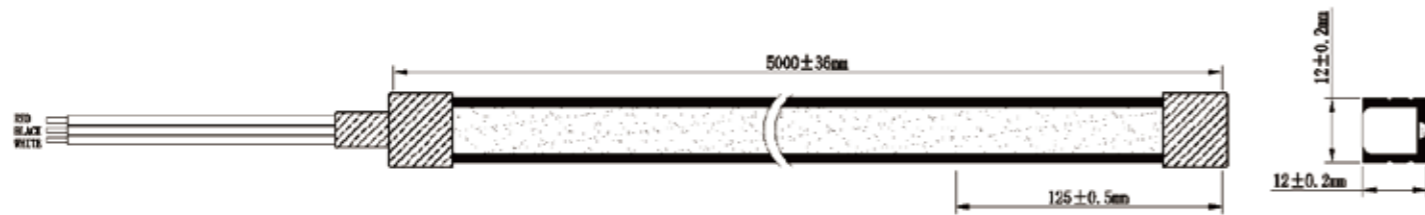
Part No.	V/DC	pow. (w/m)	CCT	CRI	LM/M	LM/W	SDCM	IP
RTR-CAA24-6963	24	17	3000K	90	986	58	≤5	IP66
			6500K	90	1105	65	≤5	IP66

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
 2. Up to 14.4W/M no need for additional heat sinking , if more than 14.4W/M must be used the heat sinking.

BEAMFLEX Flexible LED Wall Washer (CCT Tunable 25°x55° J022) (24VDC 112LED/meter 17W/meter CRI>90)



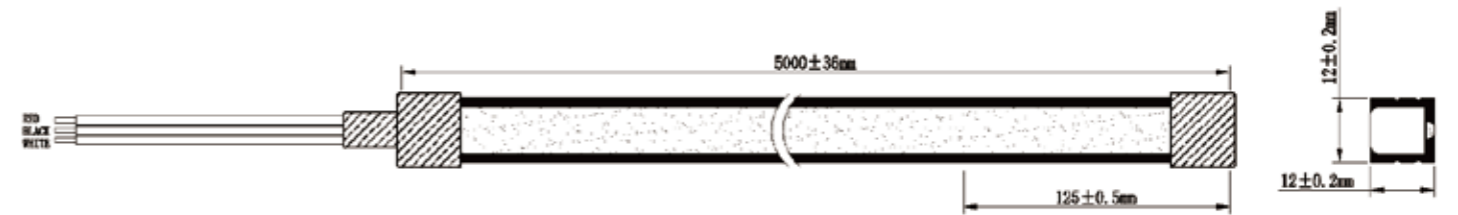
BEAMFLEX Flexible LED Wall Washer (CCT Tunable 45°x55° J025) (24VDC 112LED/meter 17W/meter CRI>90)



Parameter

Part No.	V/DC	pow. (w/m)	CCT	CRI	LM/M	LM/W	SDCM	IP
RTR-CAA24-6963	24	17	3000K	90	986	58	≤5	IP66
			6500K	90	1105	65	≤5	IP66

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M no need for additional heat sinking, if more than 14.4W/M must be used the heat sinking.



Parameter

Part No.	V/DC	pow. (w/m)	CCT	CRI	LM/M	LM/W	SDCM	IP
RTR-CAA24-6963	24	17	3000K	90	986	58	≤5	IP66
			6500K	90	1105	65	≤5	IP66

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M no need for additional heat sinking, if more than 14.4W/M must be used the heat sinking.