

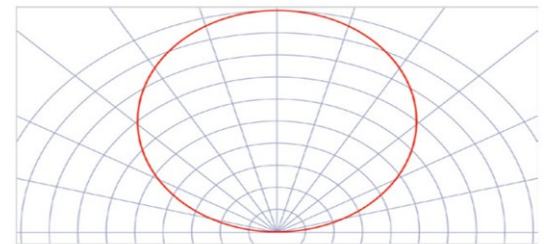
FRVS White modules are premium brightness changing signage modules engineered for constant current so there is no lumen drop across the full length of any string. The FRVS White modules are available in different CCT, enabling a wide variety of applications for nuanced indoor and outdoor signage and accent lighting. At the same time, The FRVS White is ideal for outdoor media applications, where it can be integrated seamlessly into the facade, or it can be installed to float in the air with our highly transparent mounting options. Use DMX controls to tune brightness. Insulation Displacement Connection is adopted to reduce the voltage drop of long-distance supply. FRVS Series modules are rated IP66 and come with a 2-year warranty.

APPLICATIONS

- Channel letter
- Box signs
- Cove and Accent lighting

LUMINOUS INTENSITY DISTRIBUTION

Batwing Beam Pattern (beam angle: 120°)



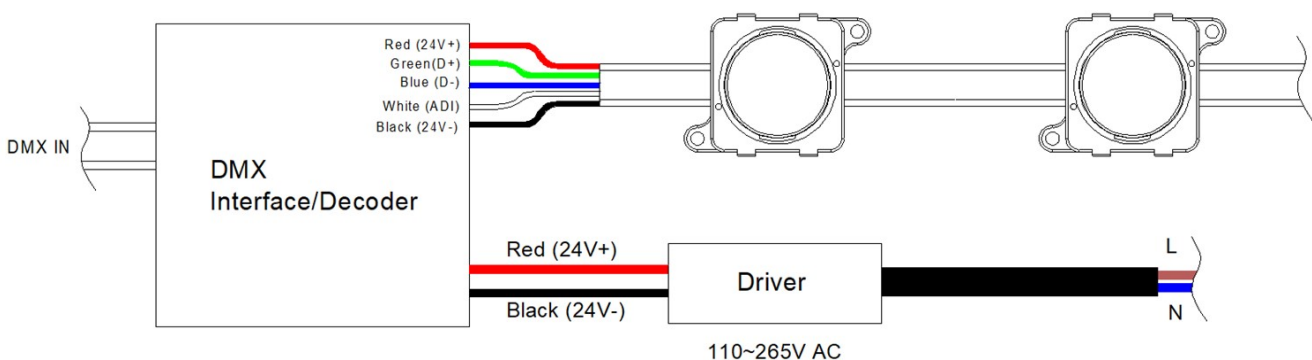
ORDERING GUIDE

Part Number	White color Temp.	Color rendering index	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
				Per Foot	Per Meter	Per Module	Per Foot	Per Meter
FRVS-W-71K	7100K	≥80	100	3	10	110	330	1100
FRVS-W-65K	6500K	≥80	100	3	10	105	315	1050
FRVS-W-57K	5700K	≥80	100	3	10	102	306	1020
FRVS-W-50K	5000K	≥80	100	3	10	102	306	1020
FRVS-W-45K	4500K	≥80	100	3	10	98	294	980
FRVS-W-40K	4000K	≥80	100	3	10	98	294	980
FRVS-W-30K	3000K	≥80	100	3	10	95	285	950
FRVS-W-27K	2700K	≥80	100	3	10	90	270	900

PRODUCT RATINGS

Luminous Efficacy	105 lm/W @6500K	Operating Temperature	-40° — +60° C
Wattage per Module	0.8 W	L70 Lifetime @ 60° C	50,000 Hours
Input Voltage	24 VDC	Warranty	2 Year Limited Warranty
Input Current	33 mA per module	Control	DMX512
Power Supply Loading	110 modules per 100W	Number of Pixel	80 pixels / Strip (1 Pixel per module)
Ingress Protection	IP66	Addressing Options	Auto-Addressing

WIRING DIAGRAM



SHIPPING INFORMATION

Module Type	Packaging Quantity		Carton Dimensions			Gross Weight	Net Weight
	Per Strip	Per Carton					
FRVS-W-xxK	80Modules	240Modules	W	D	H	4.88KG	4.41KG
	28.2FT	84.6FT	19.7 inch	9.1 inch	6.7 inch		
	8.6m	25.8m	500mm	230mm	170mm		

LAYOUT GUIDE*

Channel Depth (in.)	Single Row		Multiple Rows		Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing		Max. Stroke	Module Spacing	Row Spacing	Module Spacing
4	8	3	10	3	100	200	75	100	75
5	9	3	10	3	125	225	75	100	75
6	10	4	10	4	150	250	100	100	100
7	11	4	10	4	175	275	100	100	100
≥7	12	4	10	4	≥200	300	100	100	100

*Density guide designed to maintain a minimum of 600 lux for a single row or 800 lux for multiple rows at sign face .

POWER SUPPLY LOADING

FRVS-W-xxK					
Power Supply	18AWG/0.82 mm ² supply wire Max. # of Modules Per Continuous String	16AWG/1.31 mm ² supply wire Max. # of Modules Per Continuous String	14AWG/2.08 mm ² supply wire Max. # of Modules Per Continuous String	12AWG/3.31 mm ² supply wire Max. # of Modules Per Continuous String	
Maximum Supply Wire Limits	18W	20Pcs (2m)	/	/	
	35W	40Pcs (4m)	/	/	
	60W	40Pcs (4m)	61Pcs (6.1m)	/	
	75W	40Pcs (4m)	61Pcs (6.1m)	72Pcs (7.2m)	
	100W	40Pcs (4m)	61Pcs (6.1m)	72Pcs (7.2m)	85Pcs (8.5m)
	150W	40Pcs (4m)	61Pcs (6.1m)	72Pcs (7.2m)	85Pcs (8.5m)
	200W	40Pcs (4m)	61Pcs (6.1m)	72Pcs (7.2m)	85Pcs (8.5m)
	240W	40Pcs (4m)	61Pcs (6.1m)	72Pcs (7.2m)	85Pcs (8.5m)
	300W	40Pcs (4m)	61Pcs (6.1m)	72Pcs (7.2m)	85Pcs (8.5m)

Note 1. The number of modules in each of the parallel strings should not exceed the specified maximum.

2. *3 – 300 Watt Channels

DIMENSIONS
