

Features

- Color options: WN,RGB, RGBW, Pixel;
- RGB max running length 15m with one end power feed;
- RGBW max running length 10m with one end power feed;
- Top bending with good flexibility, perfectly fixing for many irregular structures;
- PCB designed in parallel with function of skipping the broken cuttable unit;
- High strength silicone body with super tensile resistance;
- Warranty: 5 years indoors, 3 years outdoors;



Optical & Electrical Parameters

Model No.	Voltage	Ra	Color	Lm/m	Lm/W	W/m
VNL-F20F-WN	24V DC	>90	2700K	356	49	7.2
			6500K	380	52	7.2
			W+N	728	50	14.4
VNL-F20F-RGB	24V DC	\	R	77	15.2	5.12
			G	219	42.8	5.12
			B	45	8.9	5.12
			RGB	338	22.0	15.36
VNL-F20F-RGBW	24V DC	\	3000K	193	40.2	4.8
			R	68	14.3	4.8
			G	190	39.6	4.8
			B	44	9.1	4.8
			RGBW	480	25.0	19.2
VNL-F20F-DMX-RGB	24V DC	\	R	60	9	6.72
			G	105	15	6.72
			B	24	3	6.72
			RGB	171	11	15.36
VNL-F20F-DMX-RGBW	24V DC	>90	3000K	161	24	6.72
		>90	2700K	148	22	6.05
		>90	4000K	188	28	6.72
		>90	4500K	175	26	6.72
		>90	6500K	154	23	6.72
		\	Red	58	8	6.72
		\	Green	155	23	6.72
		\	Blue	37	5	6.72
\	RGB	\	\	15.36		
\	RGBW	374	19	19.68		

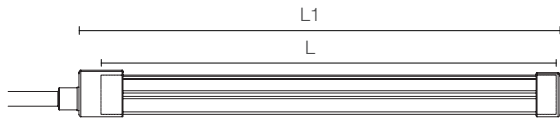
Basic Parameters

Model No.	LED QTY	Standard Run	Pixel	Working Temperature	Storage Temperature
VNL-F20F-WN	240pcs/m	10m	\	-20~+60°C	-20~+70°C
VNL-F20F-RGB	96pcs/m	15m	\		
VNL-F20F-RGBW	96pcs/m	10m	\		
VNL-F20F-DMX-RGB	60pcs/m	15m	10Pix/m		
VNL-F20F-DMX-RGBW	60pcs/m	10m	10Pix/m		

## Profile Drawings

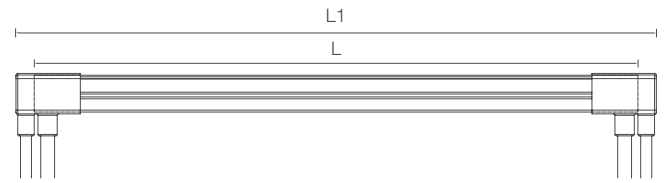
Unit: mm[inch]

VNL-F20F-WN/RGB/RGBW



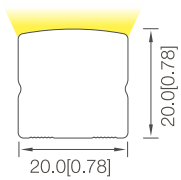
Model No.	L	L1
VNL-F20F-WN	10000±10 [393.70±0.39]	10011±10 [394.13±0.39]
VNL-F20F-RGB	15000±15 [590.55±0.59]	15011±15 [590.98±0.59]
VNL-F20F-RGBW	10000±10 [393.70±0.39]	10011±10 [394.13±0.39]

VNL-F20F-DMX

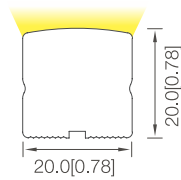


Model No.	L	L1
VNL-F20F-DMX-RGB	15000±15 [590.55±0.59]	15020±15 [591.34±0.59]
VNL-F20F-DMX-RGBW	10000±10 [393.70±0.39]	10020±10 [394.49±0.39]

### Sectional view

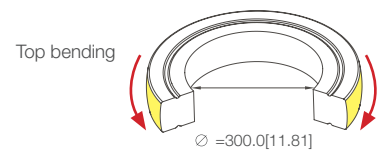


WN/RGB/RGBW



DMX-RGB/RGBW

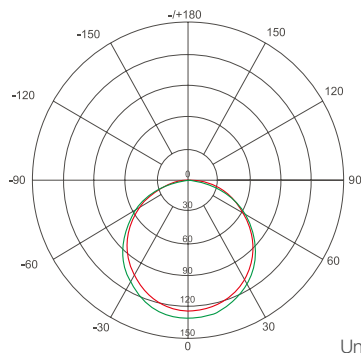
### Bending diameter:



Note: within 10/15m, customizable lengths are multiples of the minimum cutting unit,

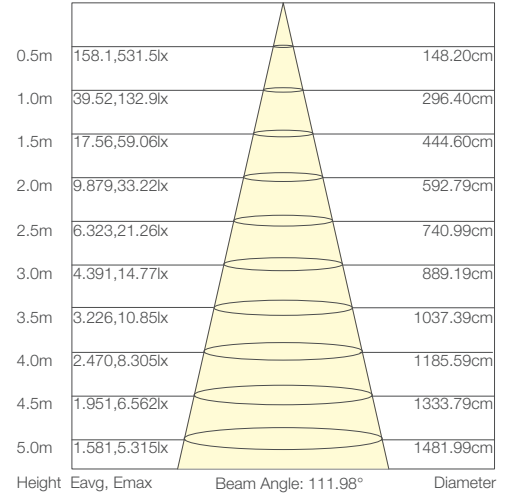
## Luminous Intensity Distribution Diagram

## Average Illumination



AVERAGE BEAM ANGLE (50%): 115.0°

Flux Out: 272.9lm RGBW



Note: the above two figures are tested with the sample VNL-F20F-DMX at RGBW, for other data, please consult sales rep.

## Product accessories

