

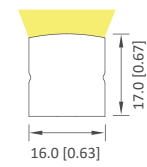


Features

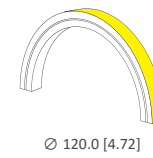
- Color options: Single color, Tunable white and RGB.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Top bending, min. bend diameter 120mm[4.73inch].
- IP grade: Silicone extrusion, injection molded cap, IP68 protection. Glue process end caps, IP67 protection.
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements.



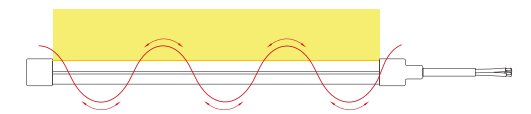
Sectional view



Bending Diameter

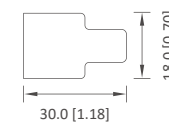


Top Bending

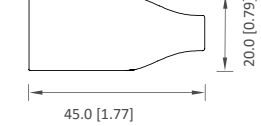


Front cap

Glue Process (IP67)

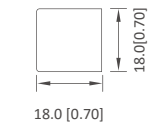


Injection Moulded (IP68)

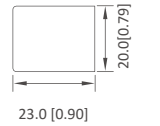


Closing End-cap

Glue Process (IP67)



Injection Moulded (IP68)



Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

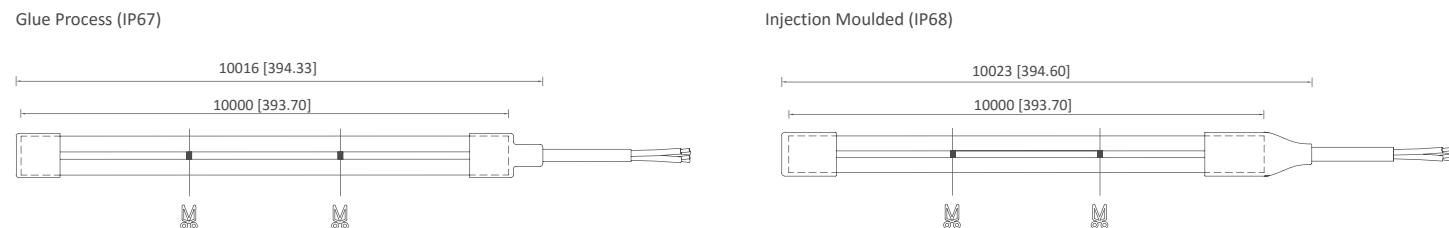
Photo-electric Parameters

Model No.	CRI	Voltage	Color	Lm/m	Lm/W	Measured Power (W/m)
VNL-F16F-30K	>80	24V DC	3000K	1122	64.1	17.0±10%
VNL-F16F-40K			4000K	1150	68.9	16.7±10%
VNL-F16F-65K			6500K	1140	65.5	17.4±10%
VNL-F16F-R		24V DC	Red	235	13.1	18.0±10%
VNL-F16F-G			Green	687	38.2	18.0±10%
VNL-F16F-B			Blue	148	8.2	18.0±10%
VNL-F16F-Y			Yellow	202	11.2	18.0±10%
VNL-F16F-O			Orange	211	11.7	18.0±10%
VNL-F16F-WN	>80	24V DC	6500K	467	65.3	7.1±10%
			2700K	488	67.6	7.2±10%
			W+N	941	65.6	14.3±10%
VNL-F16F-RGB		24V DC	Red	89	17.6	5.1±10%
			Green	203	35.0	5.8±10%
			Blue	46	7.8	5.9±10%
			RGB	317	19.0	16.7±10%
VNL-F16F-PIXEL		24V DC	Red	48	7.2	6.6±10%
			Green	110	15.8	6.9±10%
			Blue	25	3.5	6.9±10%
			RGBW: 2300-6500K	178	12.6	14.2±10%
VNL-F16F-RGBW		24V DC	6500K	/	/	5.0±10%
			Red	61	12.2	5.0±10%
			Green	142	28.4	5.0±10%
			Blue	33	6.6	5.0±10%
			RGBW: 2300-6500K	476	25.0	19.0±10%

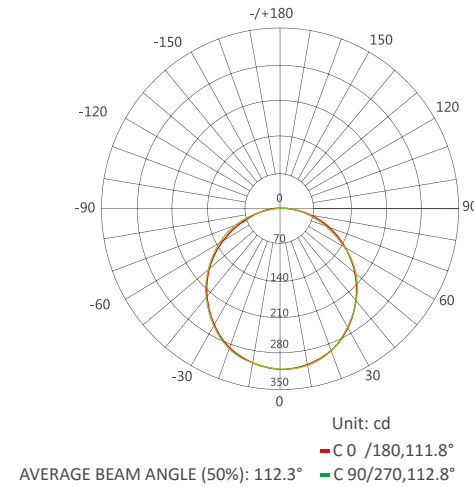
Basic Parameters

Model No.	LED QTY (pcs/m)	Product Size L*W*H (mm)	Min. Cuttable Length (mm)	Storage Temperature	Working Temperature
VNL-F16F-W	112	10000*16*17	62.5	-20~+60°C	-20~+70°C
VNL-F16F-WN	240	10000*16*17	50.0		
VNL-F16F-RGB	72	5000*16*17	83.33		
VNL-F16F-PIXEL	60	10000*16*17	100.0		
VNL-F16F-RGBW	72	5000*16*17	83.33		

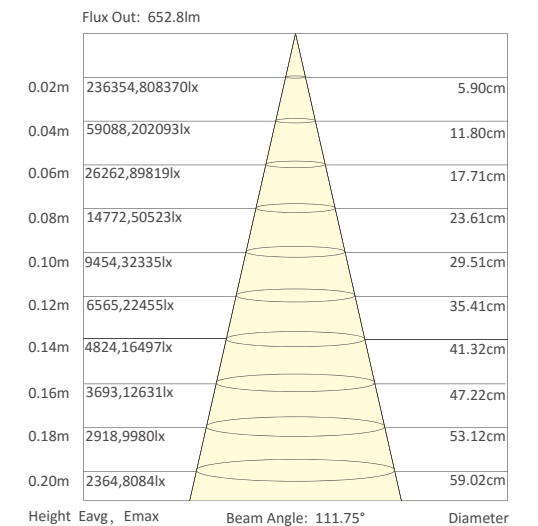
Product accessories



Luminous Intensity Distribution Diagram



Average Illumination



Product accessories

Free

	Front cap VNL-F16F-PCIS	Quantity (m)/pcs: (5/10) 2/4 Dimensions (L*W*H)mm: 30.0*18.0*18.0		Closing End-cap VNL-F16F-ECS	Quantity (m)/pcs: (5/10) 2/4 Dimensions (L*W*H)mm: 18.0*19.0*18.0
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Optional

	Front cap (Injection Moulded) VNL-F16F-PCIM	Quantity (m)/pcs: (5/10): Dimensions (L*W*H)mm: 45.0*19.2*20.2		Closing End-cap (Injection Moulded) VNL-F16F-ECIM	Quantity (m)/pcs: (5/10): Dimensions (L*W*H)mm: 23.0*19.2*20.2
	Front cap (Side) VNL-F16F-PCBS	Quantity (m)/pcs: (5/10): Dimensions (L*W*H)mm: 25.0*30.0*19.0		3.5cm Aluminum track VNL-F16F-AMC	Quantity (m)/pcs: (5/10): Dimensions (L*W*H)mm: 35.0*21.2*19.0
	Aluminum Channel VNL-F16F-AC	Quantity (m)/pcs: (5/10): Dimensions (L*W*H)mm: 1000*19.3*18.7		S-type Track VNL-F16F-ACS	Quantity (m)/pcs: (5/10): Dimensions (L*W*H)mm: 500*13.5*13.6
	Screws	Quantity (m)/pcs: (5/10):		Silicone Glue	Quantity (m)/pcs: (5/10):



Features

- Application: For large building and architecture lighting and decoration with good flexibility.
- Long Run: adopt 48VDC voltage for longer max. Run length reach as 35meters single end powered,also possibility to reach 50m if power consumption reduced within acceptable brightness.
- High CRI: CRI80 or CRI90 for choice.
- Uniformity: high uniformity and high brightness as 580lm/m
- IP grade: Silicone extrusion, injection molded cap, IP68 protection. Glue process end caps, IP67 protection.
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements.



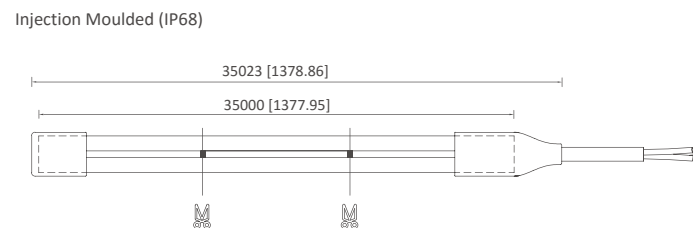
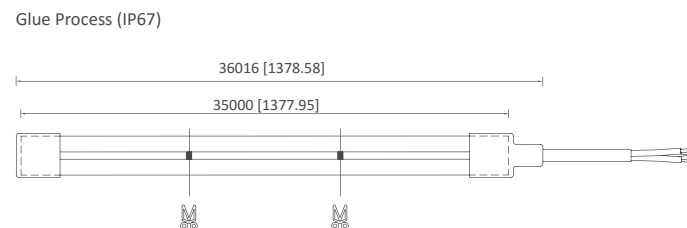
Photo-electric Parameters

Model No.	CRI	Voltage	Color	Lm/m	Lm/W	Measured Power (W/m)
VNL-F16F-48-26K	>80	48V DC	2600K	520	58	9.6±10%
VNL-F16F-48-30K			3000K	550	60	9.6±10%
VNL-F16F-48-42K			4200K	570	63	9.6±10%
VNL-F16F-48-50K			5000K	580	64	9.6±10%
VNL-F16F-48-60K			6000K	560	62	9.6±10%
VNL-F16F-48-R		48V DC	Red	190	21	9.6±10%
VNL-F16F-48-G			Green	540	61	9.6±10%
VNL-F16F-48-B			Blue	120	13	9.6±10%
VNL-F16F-48-Y			Yellow	150	17	9.6±10%
VNL-F16F-48-O			Orange	230	26	9.6±10%

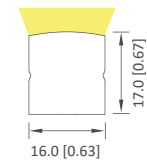
Basic Parameters

Model No.	LED QTY (pcs/m)	Product Size L*W*H (mm)	Min. Cuttable Length (mm)	Storage Temperature	Working Temperature
VNL-F16F-48	120	35000*16*17	100	-20~+60°C	-20~+70°C

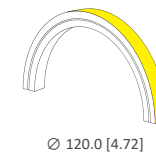
Product accessories



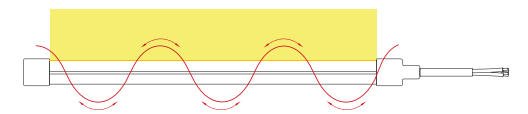
Sectional view



Bending Diameter

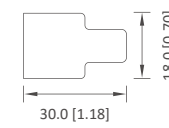


Top Bending

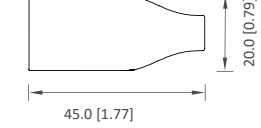


Front cap

Glue Process (IP67)

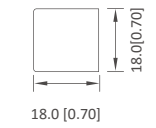


Injection Moulded (IP68)

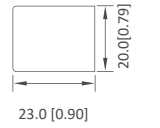


Closing End-cap

Glue Process (IP67)

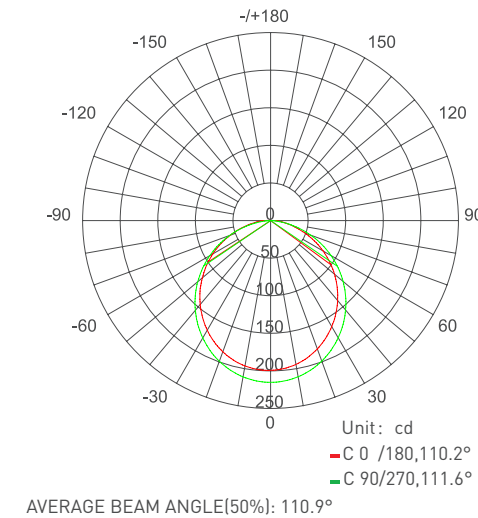


Injection Moulded (IP68)

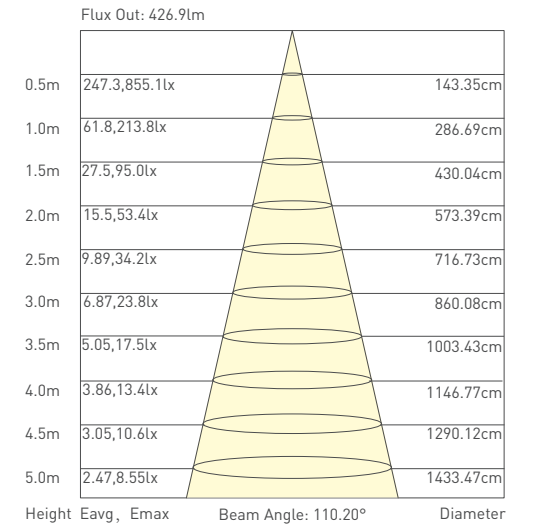


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

Luminous Intensity Distribution Diagram



Average Illumination



Product accessories

Free

Front cap
VNL-F16F-48-PCIS
Quantity (m)/pcs: (5/10) 2/4
Dimensions (L*W*H)mm: 30.0*18.0*18.0

Closing End-cap
VNL-F16F-48-ECS
Quantity (m)/pcs: (5/10) 2/4
Dimensions (L*W*H)mm: 18.0*19.0*18.0

Optional

Front cap (Injection Moulded)
VNL-F16F-48-PCIIM
Quantity (m)/pcs: (5/10):
Dimensions (L*W*H)mm: 45.0*19.2*20.2

Closing End-cap (Injection Moulded)
VNL-F16F-48-ECIM
Quantity (m)/pcs: (5/10):
Dimensions (L*W*H)mm: 23.0*19.2*20.2

Front cap(Side)
VNL-F16F-48-PCBS
Quantity (m)/pcs: (5/10):
Dimensions (L*W*H)mm: 25.0*30.0*19.0

3.5cm Aluminum track
VNL-F16F-48-AMC
Quantity (m)/pcs: (5/10):
Dimensions (L*W*H)mm: 35.0*21.2*19.0

Aluminum Channel
VNL-F16F-48-AC
Quantity (m)/pcs: (5/10):
Dimensions (L*W*H)mm: 1000*19.3*18.7

S-type Track
VNL-F16F-48-ACS
Quantity (m)/pcs: (5/10):
Dimensions (L*W*H)mm: 500*13.5*13.6

Screws
Quantity (m)/pcs: (5/10):

Silicone Glue
Quantity (m)/pcs: (5/10):