VISDEM TECHNOSYS LTD.

PRODUCT CODE
VTL-NF-1616-TV

ISSUE
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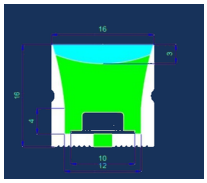
Neon Flex 1616

Top View | Silicone flexible neon

24V FLEXIBLE NEON STRIP LIGHT



PROFILE CROSS-SECTION

POWER	OUTPUT	EFFICACY	COLOUR	CRI	INGRESS
16 W/m	640 lm/m	40 lm/W	2700K	≥90	IP67

ELECTRICAL

Supply voltage	24 V DC +/-10%
Supply current	0.67 A/m
Power consumption	16 W/m +/-10%
Protection class	Class III
Max run, single / double	9000 / 18000 mm
Control	Yes
Recommended driver	24V 4A

MECHANICAL

Dimensions H × W	16 x 16 mm +/-0.5 mm
Reel length	5000 mm
LED density / pitch	180 LED/m · 5.56 mm
Cutting interval	33.33 mm
Min. bend radius	120 mm
Bend direction	Top View
Body material	Silicone · Shore A 60
FPC copper	3 oz
Weight	350 g/m

COMPLIANCE AND RATINGS

CE	RoHS	IP67	IK10
BIS	IEC 62471	CRI 90	5 YR

PHOTOMETRIC

Luminous flux	640 lm/m
Luminous efficacy	40 lm/W
Colour	2700K
Colour rendering	≥90
Colour consistency	≤3SDCM
Beam angle	120°
Measurement basis	LM-79, finished product

ENVIRONMENTAL

Ingress / impact	IP67 · IK10
Operating ambient	-40°C to 65°C
Storage temperature	-40°C to 70°C
UV / flame resistance	Yes
Application	Indoor and outdoor

INSTALLATION

Mounting	Clamp, steel mesh or aluminium profile
Termination	Moulded wire tails · 200 mm
End cap	Moulded end cap

LIFETIME AND WARRANTY

Lifetime	>50,000 h
Warranty	5 years

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