

NV70

TUNABLE WHITE



MONOFLEX-NV70

A flexible linear LED tape manufactured using a durable copper PCB with on-board constant current integrated circuit (IC) to ensure precise current control, whilst Schottky diodes protect against reverse polarity.

High quality LEDs from Nichia ensure high performance, whilst single bin selection and 3-step MacAdam colour consistency deliver imperceptible colour and brightness variation. A thermally conductive adhesive tape guarantees perfect heat transfer to the profile.

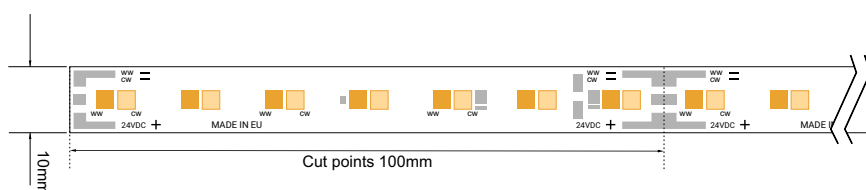
Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

FEATURES

- // Nichia LEDs
- // 24vdc input voltage (SELV)
- // 70 warm + 70 cold LEDs/m - 100mm cutting steps
- // 9.6w / m / 19.2w/m / 33.4w/m / 48w/m
- // Up to 3770 lumens/m
- // 3 Step MacAdam LEDs
- // CRI ≥Ra80 / ≥Ra90 / ≥Ra98
- // 10mm wide copper PCB with constant current IC
- // Schottky diodes for reverse polarity protection
- // Thermal conductive adhesive tape for better heat conduction

TECHNICAL

Input voltage:	24VDC [22.5~25VDC]
Current control:	On-board integrated controller (IC)
Reverse voltage protection:	On-board Schottky diode
Operating temperature (Ta):	-25 °C ~ 50 °C
PCB Temperature (Tc max):	<75 °C
Dimmable:	PWM (Pulse-Width Modulation)
Beam angle:	120 (cosine)
LEDs/m:	70 warm + 70 cool



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PCB CODE EXAMPLE

PRODUCT	POWER	PCB	CCT
NV70	19	N3	827-850

CRI 80+

				POWER	9	19	33	48
SPECTRUM					9.6W/m	19.2W/m	33.4W/m	48W/m
● ○ □	820-865	Nichia	2000K-6500K	LUMENS/M	1282	2522	4266	5951
● ○ □	825-857	Nichia	2500K-5700K		1375	2710	4586	6395
● ○ □	827-857	Nichia	2700K-5700K		1477	2915	4934	6879
● ○ □	827-850	Nichia	2700K-5000K		1505	2970	5027	7008

CRI 90+

				POWER	9	19	33	48
SPECTRUM					9.6W/m	19.2W/m	33.4W/m	48W/m
● ○ □	920-965	Nichia	2000K-6500K	LUMENS/M	1110	2160	3617	5019
● ○ □	925-957	Nichia	2500K-5700K		1190	2313	3873	5373
● ○ □	927-950	Nichia	2700K-5000K		1301	2537	4255	5903

CRI 95+

				POWER	9	19	33	48
SPECTRUM					9.6W/m	19.2W/m	33.4W/m	48W/m
● ○ □	027-040	Nichia	2700K-4000K	LUMENS/M	1080	2022	3306	4561
● ○ □	025-050	Nichia	2700K-5000K		1128	2103	3450	4767

Disclaimer:

Technical data is subject to change without prior notice. The data provide represent typical values.
 Due to tolerances in the production of components and binning of LEDs, values for lumen output (Lm), colour temperature (CCT) and power (W/m) can vary up to 10%.
 Electrical and thermal variation also influences the performance characteristics of LEDs