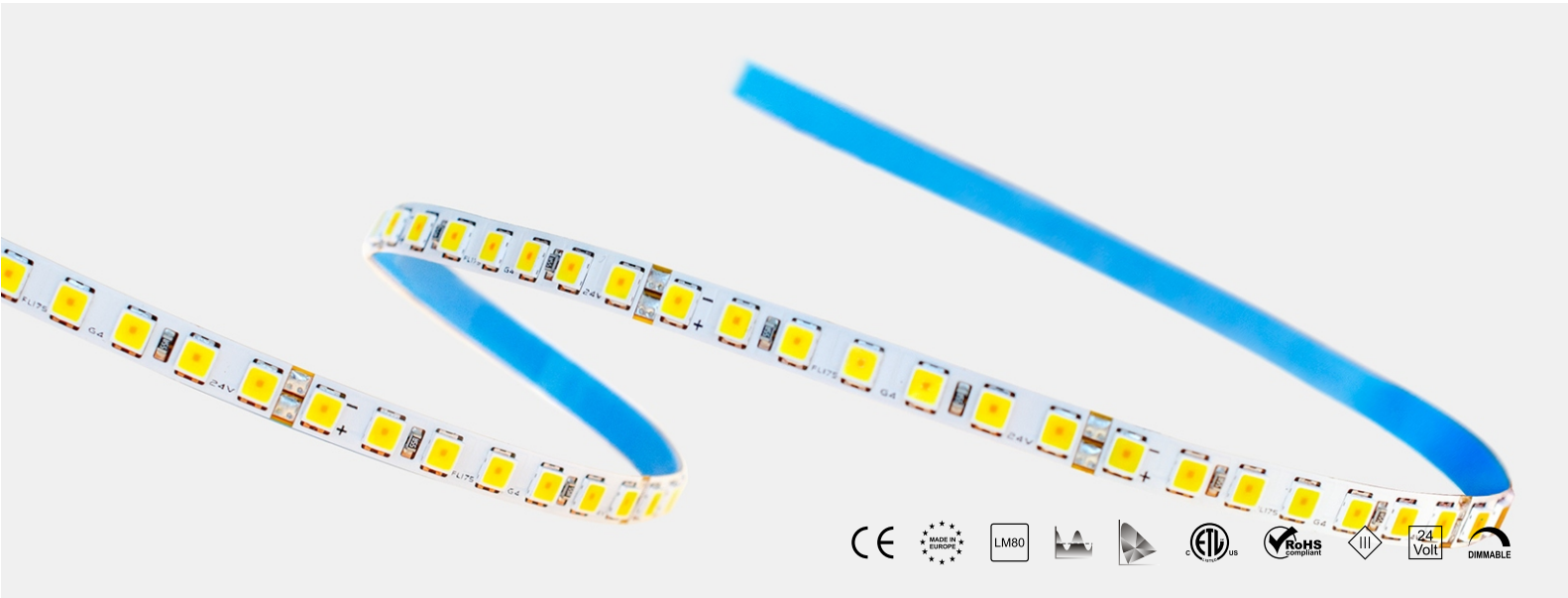


N175

STATIC WHITE



MONOFLEX-N175

A flexible linear LED tape manufactured using a durable copper PCB incorporating 175 high-quality LEDs from Nichia, ensuring high performance, whilst single bin selection and 3-step MacAdam colour consistency delivery imperceptible colour and brightness variation.

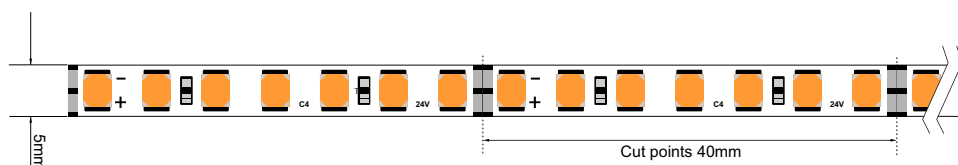
A thermally conductive adhesive tape guarantees perfect heat transfer to the profile. Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

FEATURES

- // Nichia LEDs
- // 24vdc input voltage (SELV)
- // 175 LEDs/m - 40mm cutting steps
- // 9.6w /m / 14.4w/m / 19.2w/m
- // Up to 3002 lumens/m
- // 3 Step MacAdam LEDs
- // CRI \geq Ra80 / \geq Ra90 / \geq Ra95
- // 5mm wide copper PCB with constant current IC
- // 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)



N175

STATIC WHITE



PRODUCT CODE EXAMPLE

PRODUCT	POWER	PCB	CCT
N175	19	N4	927

CRI 80+

				POWER	9	14	19
SPECTRUM					9.6W/m	14.4W/m	19.2W/m
●	820	Nichia	2000K	LUMENS/M	988	1501	2017
●	822	Nichia	2200K		1069	1625	2182
●	825	Nichia	2500K		1171	1778	2388
●	827	Nichia	2700K		1369	2080	2794
●	830	Nichia	3000K		1410	2142	2876
●	835	Nichia	3500K		1442	2191	2942
●	840	Nichia	4000K		1446	2197	2951
●	850	Nichia	5000K		1574	2347	3111
●	857	Nichia	5700K		1519	2265	3002
●	865	Nichia	6500K		1519	2265	3002

CRI 90+

				POWER	9	14	19
SPECTRUM					9.6W/m	14.4W/m	19.2W/m
●	920	Nichia	2000K	LUMENS/M	847	1261	1668
●	922	Nichia	2200K		917	1364	1804
●	925	Nichia	2500K		994	1480	1958
●	927	Nichia	2700K		1203	1797	2385
●	930	Nichia	3000K		1237	1848	2452
●	935	Nichia	3500K		1267	1893	2511
●	940	Nichia	4000K		1280	1912	2537
●	950	Nichia	5000K		1350	2020	2682
●	957	Nichia	5700K		1341	2007	2665
●	965	Nichia	6500K		1333	1994	2648

CRI 95+

				POWER	9	14	19
SPECTRUM					9.6W/m	14.4W/m	19.2W/m
●	027	Nichia	2700K	LUMENS/M	979	1460	1934
●	030	Nichia	3000K		1001	1492	1976
●	035	Nichia	3500K		1022	1524	2019
●	040	Nichia	4000K		1035	1544	2044
●	050	Nichia	5000K		1107	1653	2192

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