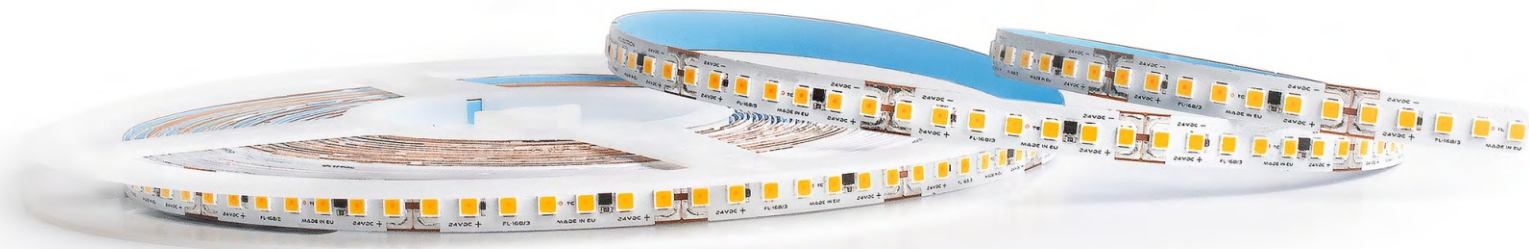


N168

STATIC WHITE



MONOFLEX-N168

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

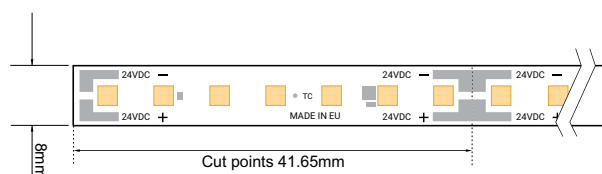
Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

FEATURES

- // Nichia LEDs
- // 24vdc input voltage (SELV)
- // 168 LEDs/m - 41.65mm cutting steps
- // 7.2w/m / 9.6w/m / 14.4w/m / 19.2w/m / 24w/m / 33.4w/m / 48w/m
- // Up to 7404 lumens/m
- // 3 Step MacAdam LEDs
- // CRI \geq Ra80 / \geq Ra90 / \geq Ra98
- // 8mm 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:	168



N168

STATIC WHITE



PRODUCT CODE EXAMPLE

PRODUCT	POWER	PCB	CCT
N168	/ 19	- N3	- 927

CRI 80+

				POWER	7	9	14	19	24	33	48	
SPECTRUM					7.2W/m	9.6W/m	14.4W/m	19.2W/m	24W/m	33.4W/m	48W/m	
●	7	820	Nichia	2000K	LUMENS/M	755	1031	1524	2012	2549	3504	4875
●	7	822	Nichia	2200K		817	1115	1649	2177	2758	3791	5275
●	7	825	Nichia	2500K		895	1221	1805	2383	3019	4150	5774
●	7	827	Nichia	2700K		1047	1428	2111	2787	3531	4853	6753
●	7	830	Nichia	3000K		1078	1470	2174	2869	3636	4997	6953
●	7	835	Nichia	3500K		1102	1504	2224	2935	3719	5112	7113
●	7	840	Nichia	4000K		1105	1508	2230	2944	3730	5126	7133
●	7	850	Nichia	5000K		1217	1640	2381	3102	3891	5312	7404
●	7	857	Nichia	5700K		1174	1582	2298	2993	3755	5126	7144
●	7	865	Nichia	6500K		1174	1582	2298	2993	3755	5126	7144

CRI 90+

				POWER	7	9	14	19	24	33	48	
SPECTRUM					7.2W/m	9.6W/m	14.4W/m	19.2W/m	24W/m	33.4W/m	48W/m	
●	7	920	Nichia	2000K	LUMENS/M	654	881	1277	1661	2080	2825	3911
●	7	922	Nichia	2200K		707	952	1381	1797	2250	3056	4230
●	7	925	Nichia	2500K		768	1033	1498	1949	2441	3315	4590
●	7	927	Nichia	2700K		872	1179	1723	2253	2833	3861	5349
●	7	930	Nichia	3000K		891	1206	1761	2303	2896	3947	5468
●	7	935	Nichia	3500K		914	1237	1806	2362	2970	4048	5608
●	7	940	Nichia	4000K		930	1259	1838	2404	3023	4120	5708
●	7	950	Nichia	5000K		992	1340	1954	2551	3203	4365	6042
●	7	957	Nichia	5700K		985	1331	1941	2534	3182	4336	6002
●	7	965	Nichia	6500K		979	1323	1928	2517	3161	4308	5963

CRI 98+

				POWER	7	9	14	19	24	33	48	
SPECTRUM					7.2W/m	9.6W/m	14.4W/m	19.2W/m	24W/m	33.4W/m	48W/m	
●	7	027	Nichia	2700K		757	1020	1481	1927	2414	3279	4537
●	7	030	Nichia	3000K		773	1042	1513	1970	2467	3351	4636
●	7	035	Nichia	3500K		790	1064	1546	2012	2520	3423	4736
●	7	040	Nichia	4000K		800	1078	1565	2037	2552	3467	4795
●	7	050	Nichia	5000K		854	1151	1674	2183	2740	3728	5175

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