

N112

STATIC WHITE



MONOFLEX-N112

A flexible linear LED tape manufactured using a durable copper PCB with on-board constant current integrated circuit (IC) ensuring 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.

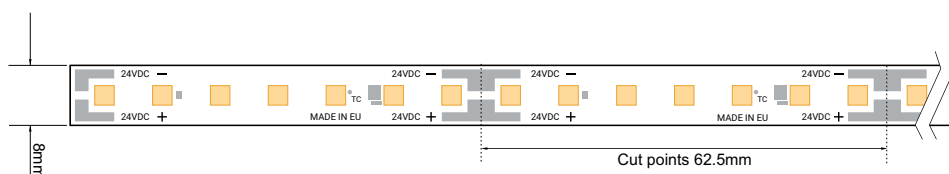
Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

FEATURES

- // Nichia LEDs
- // 24vdc input voltage (SELV)
- // 112 LEDs/m - 62.5mm cutting steps
- // 4.8w/m / 9.6w/m / 14.4w/m / 18.2w/m / 24w/m / 33.4w/m
- // Up to 5232 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:	112



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PRODUCT CODE EXAMPLE

PRODUCT	POWER	PCB	CCT
N112	/ 18	- N4	- 927

CRI 80+

			POWER	4	9	14	18	24	33
SPECTRUM				4.8W/m	9.6W/m	14.4W/m	18.2W/m	24W/m	33.4W/m
820	Nichia	2000K	LUMENS/M	490	1002	1516	2021	2509	3436
822	Nichia	2200K		531	1084	1640	2186	2715	3718
825	Nichia	2500K		581	1187	1796	2393	2972	4070
827	Nichia	2700K		679	1388	2100	2799	3476	4760
830	Nichia	3000K		700	1429	2162	2882	3579	4901
835	Nichia	3500K		716	1462	2212	2948	3662	5014
840	Nichia	4000K		718	1466	2218	2957	3672	5028
850	Nichia	5000K		789	1563	2324	3070	3804	5232
857	Nichia	5700K		761	1508	2242	2963	3670	5048
865	Nichia	6500K		761	1508	2242	2963	3670	5048

CRI 90+

			POWER	4	9	14	18	24	33
SPECTRUM				4.8W/m	9.6W/m	14.4W/m	18.2W/m	24W/m	33.4W/m
920	Nichia	2000K	LUMENS/M	425	840	1244	1637	2020	2755
922	Nichia	2200K		465	908	1346	1771	2158	2980
925	Nichia	2500K		499	986	1460	1921	2370	3233
927	Nichia	2700K		602	1197	1781	2350	2902	3962
930	Nichia	3000K		619	1231	1832	2416	2985	4075
935	Nichia	3500K		634	1261	1876	2475	3057	4173
940	Nichia	4000K		640	1274	1895	2500	3088	4215
950	Nichia	5000K		675	1346	2004	2647	3271	4470
957	Nichia	5700K		671	1337	1992	2630	3251	4442
965	Nichia	6500K		667	1329	1992	2613	3230	4413

CRI 95+

			POWER	4	9	14	18	24	33
SPECTRUM				4.8W/m	9.6W/m	14.4W/m	18.2W/m	24W/m	33.4W/m
027	Nichia	2700K	LUMENS/M	491	973	1443	1900	2345	3199
030	Nichia	3000K		501	994	1475	1942	2396	3269
035	Nichia	3500K		512	1015	1506	1984	2448	3340
040	Nichia	4000K		519	1028	1525	2009	2478	3382
050	Nichia	5000K		554	1101	1637	2159	2667	3645

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