

D112

STATIC WHITE



MONOFLEX-D112

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 LEDs from Osram and Lumileds ensure high performance, whilst single bin selection and 3-step MacAdam colour consistency deliver imperceptible colour and brightness variation.

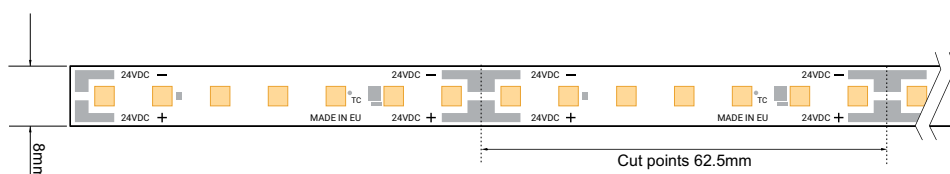
A thermally conductive adhesive tape guarantees perfect heat transfer to the profile. Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

FEATURES

- // Osram & Lumiled LEDs
- // 24vdc input voltage (SELV)
- // 112 LEDs/m - 62.5mm cutting steps
- // 4.8w/m / 9.6w / 14.4w/m / 19.2w/m / 24w/m / 33.4w/m
- // Up to 4716 lumens/m
- // 3 Step MacAdam LEDs
- // CRI \geq Ra80 / \geq Ra90
- // 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)



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PRODUCT CODE EXAMPLE

PRODUCT	POWER	PCB	CCT
D112	19	D4	927

CRI 80+

			POWER	4	9	14	19	24	33
SPECTRUM				4.8W/m	9.6W/m	14.4W/m	19.2W/m	24W/m	33.4W/m
●	822	Osram 2200K	LUMENS/M	568	1111	1653	2194	2728	3698
●	827	Osram 2700K		647	1267	1882	2499	3102	4207
●	830	Osram 3000K		647	1267	1882	2499	3102	4207
●	835	Osram 3500K		686	1342	1997	2652	3292	4457
●	840	Osram 4000K		686	1342	1997	2652	3292	4457
●	850	Osram 5000K		724	1416	2108	2800	3483	4716
●	857	Osram 5700K		724	1416	2108	2800	3483	4716
●	865	Osram 6500K		724	1416	2108	2800	3483	4716

CRI 90+

			POWER	4	9	14	19	24	33
SPECTRUM				4.8W/m	9.6W/m	14.4W/m	19.2W/m	24W/m	33.4W/m
●	922	Lumileds 2200K	LUMENS/M	460	915	1346	1772	2188	2968
●	927	Lumileds 2700K		529	1051	1547	2032	2510	3406
●	930	Lumileds 3000K		563	1119	1647	2164	2673	3628
●	935	Lumileds 3500K		597	1187	1748	2296	2836	3843
●	940	Lumileds 4000K		631	1256	1848	2428	3000	4065
●	950	Lumileds 5000K		666	1324	1948	2555	3158	4287
●	957	Lumileds 5700K		700	1392	2045	2687	3321	4501
●	965	Lumileds 6500K		700	1392	2045	2687	3321	4501

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