

D56

STATIC WHITE



MONOFLEX-D56

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.

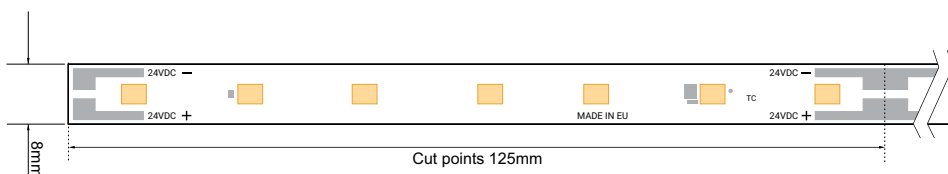
A thermally conductive adhesive tape guarantees perfect heat transfer to the profile. Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

FEATURES

- // Osram & Lumiled LEDs
- // 24vdc input voltage (SELV)
- // 56 LEDs/m - 125mm cutting steps
- // 4.8w/m / 9.6w /m / 14.4w/m / 19.2w/m
- // Up to 2404 lumens/m
- // 3 Step MacAdam LEDs
- // CRI ≥Ra80 / ≥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):	-35 °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
D56	/ 19	- D3	- 927

CRI 80+

				POWER	4	9	14	19
SPECTRUM					4.8W/m	9.6W/m	14.4W/m	19.2W/m
●	∩	822	Osram 2200K	LUMENS/M	612	1137	1590	2050
●	∩	827	Osram 2700K		612	1137	1590	2050
●	∩	830	Osram 3000K		649	1206	1686	2175
●	∩	835	Osram 3500K		686	1275	1783	2300
●	∩	840	Osram 4000K		722	1344	1880	2421
●	∩	850	Osram 5000K		760	1413	1977	2546
●	∩	857	Osram 5700K		760	1413	1977	2546
●	∩	865	Osram 6500K		760	1413	1977	2546
				EFFICACY	148lm/W	138lm/W	129lm/W	125lm/W

CRI 90+

				POWER	4	9	14	19
SPECTRUM					4.8W/m	9.6W/m	14.4W/m	19.2W/m
●	∩	922	Lumileds 2200K	LUMENS/M	479	912	1300	1686
●	∩	927	Lumileds 2700K		515	978	1398	1812
●	∩	930	Lumileds 3000K		550	1046	1495	1935
●	∩	935	Lumileds 3500K		586	1114	1589	2061
●	∩	940	Lumileds 4000K		622	1182	1686	2188
●	∩	950	Lumileds 5000K		622	1182	1686	2188
●	∩	957	Lumileds 5700K		622	1182	1686	2188
●	∩	965	Lumileds 6500K		622	1182	1686	2188
				EFFICACY	126lm/W	118lm/W	111lm/W	108lm/W

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