

DV70

TUNABLE WHITE



MONOFLEX-DV70

A flexible, dynamic tunable white 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 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.

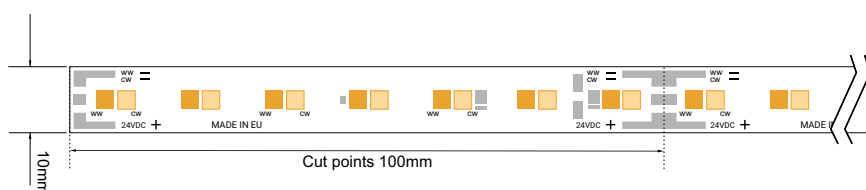
Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

FEATURES

- // Osram & Lumileds LEDs
- // 24vdc input voltage (SELV)
- // 70 warm + 70 cold LEDs/m - 100mm cutting steps
- // 9.6w /m / 19.2w/m / 33.4w/m / 48w/m
- // Up to 7008 lumens/m
- // 3 Step MacAdam LEDs
- // CRI $\geq$ Ra80 / $\geq$ Ra90
- // 10mm 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:	70 warm + 70 cool



PRODUCT CODE EXAMPLE

PRODUCT	POWER	PCB	CCT
DV70	/ 19	- D3	- 827-850

CRI 80+

				POWER	9	19	33	48
					9.6W/m	19.2W/m	33.4W/m	48W/m
SPECTRUM								
	827-840	Osram	2700K-4000K	LUMENS/M	1297	2453	4002	5482
	827-850	Osram	2700K-5700K		1309	2463	4003	5472
	827-857	Osram	2700K-5700K		1304	2454	3991	5460
	827-865	Osram	2700K-6500K		1297	2449	3995	5473

CRI 90+

				POWER	9	19	33	48
					9.6W/m	19.2W/m	33.4W/m	48W/m
SPECTRUM								
	927-940	Lumileds	2700K-4000K	LUMENS/M	1110	2090	3398	4647
	927-950	Lumileds	2700K-5000K		1107	2085	3394	4648
	927-957	Lumileds	2700K-5700K		1131	2130	3468	4749
	927-965	Lumileds	2700K-6500K		1131	2130	3468	4749

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