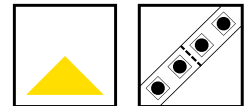


# OPTEFLEX TUNEABLE WHITE

1800K - 6500K LED TAPE



## KEY FEATURES

- 24V Flexible LED strip with up to 240 LED's per metre
- Single-bin selected CRI90+ Epistar 1210/3528 LED's
- 100mm / 71.4mm / 50mm cut-points with 10 to 12mm width
- Tuneable White 1800K to 6500K colour temperature
- Luminous flux choice from 700 to 2400 lm
- DALI 4-channel driver and control options
- IP20 or IP65 conformal coated on request
- For use with an aluminium heatsink (specified separately)



**60 YEARS  
IN LIGHT**

### FOR MORE INFORMATION OR TO TALK ABOUT A PROJECT:

CALL: +44 (0) 1235 55 37 69  
EMAIL: [sales@optelma.co.uk](mailto:sales@optelma.co.uk)  
ISSUE DATE: 01/01/18

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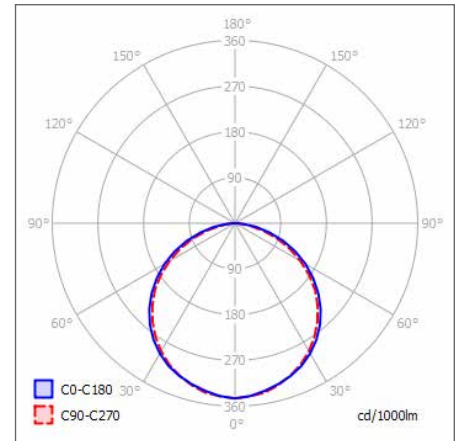
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CH-4502 Solothurn  
Switzerland

## OPTEFLEX LED TAPE SPECIFICATIONS

PRODUCT OPTIONS	
Dimensions (mm):	10 - 12 (W) x 2.0 (H) x 5000mm (L) - see table below
Cut-points (mm):	100mm / 71.4 mm / 50 mm (L) - see table below
LEDs per metre:	120 / 196 / 240
Lifetime:	50,000 hrs
Mounting type:	Surface Mounted 3M adhesive tape*
Operating voltage:	24V
Operating current:	350mA
IP Rating:	IP20 as Standard, IP65 Conformal-Coated
Light source:	Epistar 1210/3528 LED
Driver:	DALI 4-channel
Colour temperature:	1800K to 6500K Tuneable White (2700K to 6500K on request)
Colour consistency:	2-step MacAdam
Beam Angle:	120°
CRI:	90+ (single bin selected)
Optional Extras:	For use with an aluminium heatsink - specify separately



MUST BE USED WITHIN A HEATSINK



POLAR CURVE 4000K OPAL

\* This product must be mounted within an aluminium heatsink. Choose a profile online.

### CHOOSE THE OUTPUT MOST SUITABLE FOR YOUR LIGHTING PROJECT

Light Source*	Lumen Output (Lm)	Power (W)	Colour Temp. (K)	LEDs/M & pitch	Cut-points (mm)	Width (mm)
Opteflex Tuneable White Low Power 19.2W	700-850 lm/M 1550 lm/M (MAX)	19.2 W/M	1800K-6500K 100% MIX	120 LED's/M 8.3 mm pitch	100 mm	12 mm
Opteflex Tuneable White Medium Power 33.6W	1800-1850 lm/M 3650 lm/M (MAX)	33.6 W/M	1800K-6500K 100% MIX	196 LED's/M 5.1 mm pitch	71.4 mm	10 mm
Opteflex Tuneable White High Power 52.8W	1900-2400 lm/M 4300 lm/M (MAX)	52.8 W/M	1800K-6500K 100% MIX	240 LED's/M 4.16 mm pitch	50 mm	12 mm

\* Choose from our full range of LED Tapes & Boards online.



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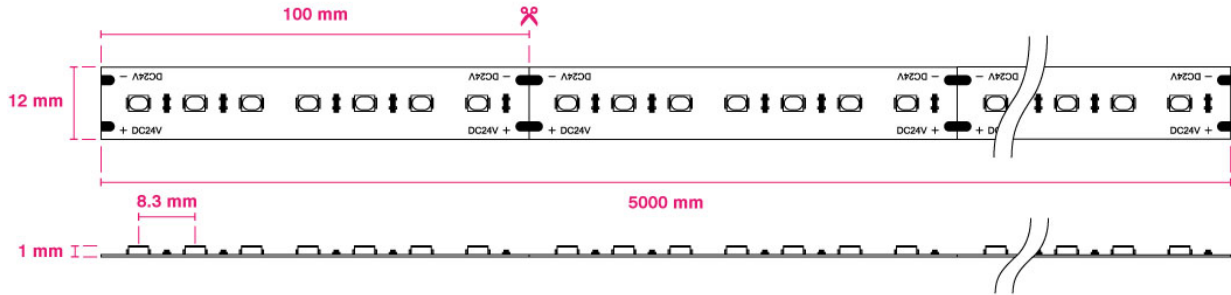
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## OPTEFLEX LED TAPE DIMENSIONS

Low power 19.2W\*



\*See datasheet for Medium and High Power dimensions.

Dimensions shown in millimetres. NOT TO SCALE.

## OPTEFLEX LED TAPE COMPONENTS



**5 METRE REELS**  
Supplied in 5000mm Reels.



**MINI PROFILE HEATSINK**  
For use with an extruded aluminium heatsink. Specified separately.



**40W-60W DRIVER**  
Fixed Output 24V driver. Size: 162.5 x 42.5 x 32mm



**60W-100W DRIVER**  
Fixed Output 24V driver. Size: 190 x 52 x 37mm



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## OPTEFLEX LED TAPE SPECIFICATION CODE

AAAA - BB/C/D/E - F/GGG - HHHH/I								
AAAA PRODUCT ID	BB MOUNTING	C FINISH	D DRIVER	E DIFFUSER	F DIRECT LED	GGG CRI/ COLOUR	HHH LENGTH (mm)	I EMERGENCY
OXTW	SM	X*	D	X*	L M H	9TW X*	5000	N/A

- \* **X'** Custom Options - specify details alongside code (IP Rated solutions)
- PRODUCT ID **OXTW'** Opteflex Tuneable White
- MOUNTING **SM'** Surface Mounted 3M adhesive tape
- FINISH *Not Applicable - Leave 'X'* - Specify a heatsink separately
- DRIVER **D'** DALI 4-channel
- DIFFUSER *Not Applicable - Leave 'X'* - Specify a heatsink separately
- DIRECT LED **L'** Low Power 19.2W LED, **M'** Medium Power 33.6W LED, **H'** High Power 52.8W LED
- CRI / COLOUR **9TW'** CRI 90+ Tuneable White 1800K to 6500K, **X'** - Specify lower temperature range
- LENGTH Length in millimetres (5M Reel)
- EMERGENCY *Not Applicable - Leave Blank*

### STANDARD

Standard fixed option products for quick and easy specification. Point source LED and Linear LED solutions, organised into Track & Spots, Downlights, Recessed, Surface, Suspended and Wall mounted solutions.

### MADE-TO-MEASURE

Versatile systems and luminaires with custom specifications for project-specific lighting. Available in custom sizes and lengths, with many options including curves, corners, finishes, integrated accessories and more.

### BESPOKE

Bespoke luminaires demonstrating completely custom project solutions, designed with the clients from concept to delivery. Learn about the design process and inspire your next bespoke lighting project.



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