

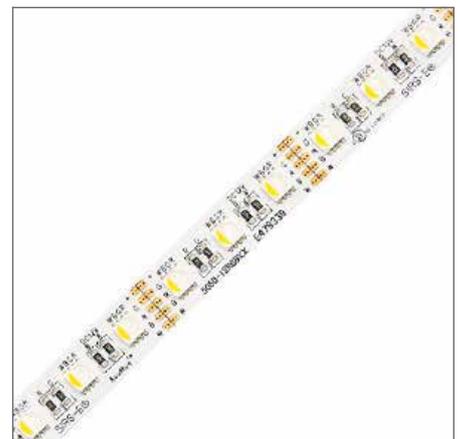
# OPTEFLEX PIXEL

## DIGITAL ADDRESSABLE LED TAPE



### KEY FEATURES

- Digitally addressable RGBW LED's
- Premium grade Epistar SMD 5050 LED chips
- Cut-points every 1 LED chip
- 144 Full-spectrum RGB LEDs per metre
- 34.6 W/M Tape output
- DMX512 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: 21/08/20

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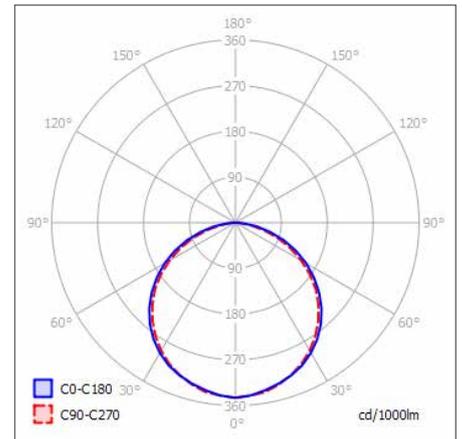
## OPTEFLEX LED TAPE SPECIFICATIONS

PRODUCT OPTIONS	
Dimensions (mm):	12 (W) x 3.0 (H) x 1000mm (L)*
Cut-points (mm):	Every 1 LED
LEDs per metre:	144*
Lifetime:	50,000 hrs
Mounting type:	Surface Mounted 3M adhesive tape
Operating voltage:	5V DC
Operating current:	350mA
IP Rating:	IP20 as Standard, IP65 Conformal-Coated
Light source:	Epistar SMD 5050 LED (432 DMX512 channels per metre*)
Driver:	DMX512 3-channel driver
Colour temperature:	Full-spectrum RGB
Colour consistency:	3-step MacAdam
Beam Angle:	120°
CRI:	80+
Optional Extras:	For use with an aluminium heatsink - specify separately

\* Specification may vary for Low or Medium Power LED. This product must be mounted within an aluminium heatsink. Choose a profile online.



MUST BE USED WITHIN A HEATSINK



POLAR CURVE 4000K OPAL

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

LED Power*	Dims. (mm):	Length (mm):	LEDs/M (Pitch):	Channels/Metre:
High 34.6W/M	12 (W) x 3 (H)	1000 (L)	144 (6.9mm)	432 DMX512
Med. 14.4W/M	10 (W) x 3 (H)	5000 (L)	60 (16.6mm)	180 DMX512
Low 7.2W/M	10 (W) x 3 (H)	5000 (L)	30 (33.3mm)	90 DMX512

\* Default option: High Power 34.6W/M due to superior LED's/Metre (higher definition). Choose from our full range of LED Tapes & Boards online.



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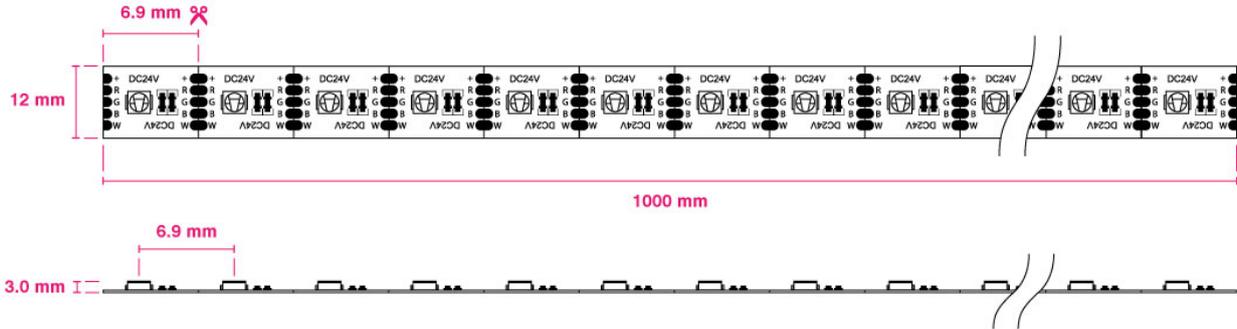
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## OPTEFLEX LED TAPE DIMENSIONS

High Power 34.6W\*



\*See datasheet for further options

Dimensions shown in millimetres. NOT TO SCALE.

## OPTEFLEX LED TAPE COMPONENTS



### 1 OR 5 METRE REELS

Supplied in 1000mm or 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



### DMX512 DECODER

3/4-channel decoder for RGB/RGBW. Size: 167 x 52 x 23mm



### 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
OXPT	SM	X*	X*	X*	H M L	RGB	1000 5000	N/A

- \* **X'** Custom Options - specify details alongside code (IP Rated solutions)
- PRODUCT ID **OXRW'** Opteflex RGBW
- MOUNTING **SM'** Surface Mounted 3M adhesive tape
- FINISH *Not Applicable - Leave 'X'* - Specify a heatsink separately
- DRIVER **X'** Specify DMX driver at end of code
- DIFFUSER *Not Applicable - Leave 'X'* - Specify a heatsink separately
- DIRECT LED **'L'** Low Power 7.2W LED (5000mm), **'M'** Medium Power 14.4W LED (5000mm), **'H'** High Power 34.6W LED (1000mm)
- CRI / COLOUR **RGB'** CRI 80 Full Spectrum RGB
- 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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