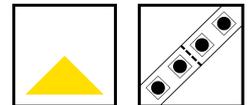




# OPTELINE 1500lm

16W/M LED BOARD



## KEY FEATURES

- 24V Rigid LED boards with 120 LED's per metre
- Single-bin selected CRI80+ Luminous MP2016 LED's
- 50mm cut-points with compact 11mm width
- 2700K, 3000K or 4000K colour temperatures
- Luminous flux approximately 1470lm/M to 1582lm/M
- Fixed Output, DALI, 0-10V and L&TE driver 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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**SWISS OFFICE**  
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Switzerland

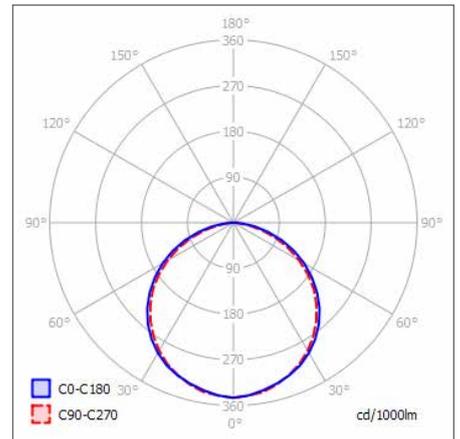
## OPTELINE LED BOARD SPECIFICATIONS

PRODUCT OPTIONS	
Dimensions (mm):	11 (W) x 3.2 (H) x 500mm (L)
Cut-points (mm):	50mm (L)
LEDs per metre:	120
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:	Luminous MP2016 LED
Driver:	Fixed Output, DALI, 0-10V, L&TE
Colour temperature:	2700K, 3000K, 4000K
Colour consistency:	3-step MacAdam
Beam Angle:	120°
CRI:	80+ (single bin selected)
Optional Extras:	Specify an aluminium heatsink separately



CHOOSE A HEATSINK PROFILE ONLINE.

\* Choose an aluminium heatsink profile online.



POLAR CURVE 4000K OPAL

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

Light Source*	Lumen Output (Lm)	Power (W)	Colour Temp. (K)
Opteline LED Board	1470 lm/M	15.3 W/M	2700K
Opteline LED Board	1510 lm/M	15.5 W/M	3000K
Opteline LED Board	1582 lm/M	15.2 W/M	4000K

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



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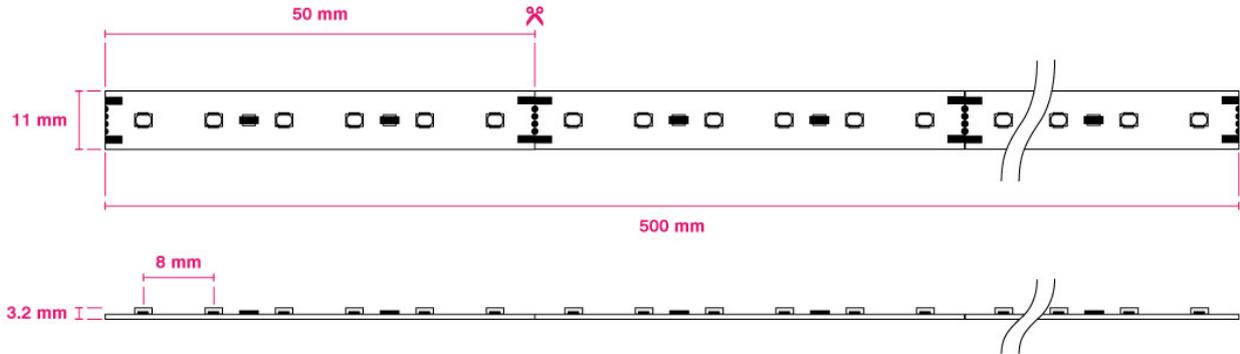
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## OPTELINE LED BOARD DIMENSIONS



Dimensions shown in millimetres. NOT TO SCALE.

## OPTELINE LED BOARD COMPONENTS



### PUSH-FIT CONNECTORS

Easy-to-use push fit connectors.



### 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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## OPTELINE LED BOARD 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
OB01	SM	X*	F O D L	X*	M	827 830 840	500	N/A

- \* **X** Custom Options - specify details alongside code (IP rated solutions)
- MOUNTING **SM** Surface Mounted 3M adhesive tape
- FINISH *Not Applicable - Leave 'X'* - Specify your heatsink separately
- DRIVER **F** Fixed Output, **O** 1-10V, **D** DALI, **L** Leading & Trailing Edge
- DIFFUSER *Not Applicable - Leave 'X'* - Specify your heatsink separately
- DIRECT LED **M** Medium power 16W/M
- CRI / COLOUR **827** CRI 80+ Colour 2700K, **830** CRI 80+ Colour 3000K, **840** CRI 80+ Colour 4000K
- LENGTH Length in millimetres (500mm boards)
- 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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