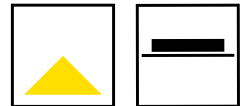




MICROBLADE 50

PLASTER LIGHTING PROFILE



KEY FEATURES

- Reinforced plaster profile for seamless, integrated lighting
- Plaster-in recessed into walls or ceilings
- Supplied in 1200 and 1500mm lengths, to be cut-on site to create project-specific made-to-measure lengths
- Direct low-glare continuous lighting in an aluminium heatsink supplied in made-to-measure lengths
- A wide range of available LED sources from 4.8W to 28.8W, including RGB, RGBW and Tunable White
- Fixed Output, 1-10V, DALI, DMX and Casambi control
- A natural plaster finish, ready to paint on-site



atelier sedap **CASAMBI**

**60 YEARS
IN LIGHT**

CALL: +44 (0) 1235 55 37 69

EMAIL: sales@optelma.co.uk

ISSUE DATE: 21/01/20

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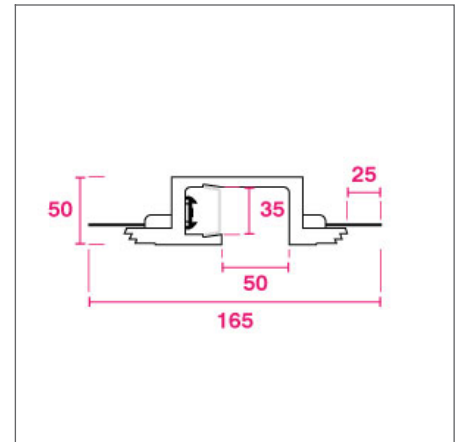
28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND

St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

MICROBLADE 50 SPECIFICATIONS

PRODUCT OPTIONS	
Dimensions (mm):	50 (W) x 35 (D) x 1200 or 1500mm
Cut-out (mm):	165 (W) x 50 (D) x <i>Made-to-Measure lengths cut on-site</i>
Weight (kg):	<2.0 kg per Metre
Lifetime:	50,000 hrs
Mounting type:	Recessed (plaster-in)
Finish:	Natural Plaster
Emergency:	N/A (Separate Emergency lighting products available on request)
Operating voltage:	24V
IP Rating:	IP20
Light source:	Selected linear LED options listed below
Driver:	Fixed Output, 1-10V, DALI, DMX, Casambi control
Colour temperature:	2700K, 3000K, 4000K, 6500K, Tuneable 2700K-6500K, RGB, RGBW
Beam Angle:	N/A (diffuse indirect ambient lighting)
Diffuser:	Lexan frosted diffusing screen (1500mm or 5000mm lengths)
CRI:	90+ (dependant on LED source)
Optional Extras:	Presence detector and additional LED sources on request



CROSS-SECTION DIMENSIONS (MM)

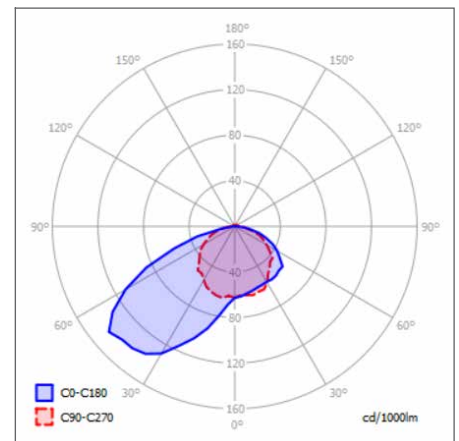


INCLUDES ALUMINIUM HEATSINK

CUSTOMISE YOUR LIGHTING SPECIFICATIONS WITH OUR RANGE OF LED TAPES & BOARDS

Light Source*	Lumen Output	Power	LED / Metre	Cut-points
Opteline Rigid LED Board	1582 lm/M	15.2 W/M	120	50 mm
Opteflex Ultra-Low Power LED	540 lm/M	4.8 W/M	120	50 mm
Opteflex Low Power LED	1060 lm/M	9.6 W/M	120	50 mm
Opteflex Medium Power LED	1350 lm/M	14.4 W/M	120	50 mm
Opteflex High Power LED	2210 lm/M	19.2 W/M	140	50 mm
Opteflex Ultra-High Power LED	2800 lm/M	28.8 W/M	140	50 mm
Opteflex RGB Colour LED	670 lm/M (MAX)	15 W/M	96	62.5 mm
Opteflex RGBW Colour LED	750 lm/M (MAX)	30.8 W/M	96	62.5 mm
Opteflex Tuneable White LED	1500 lm/M	19.2 W/M	140	50 mm

* Source lumens with frosted diffuser and 4000K LED. Profile LOR 35.9%
Choose from our full range of LED Tapes & Boards online.



POLAR CURVE 4000K OPAL



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MICROBLADE 50 COMPONENTS



NATURAL PLASTER FINISH

Unfinished plaster can be painted with the walls/ceiling.



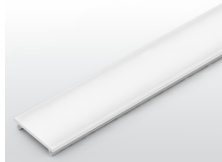
VERSATILE FORMS

Mitred corners and change-of-plane to follow any ceiling/wall shape seamlessly.



40W-60W DRIVER

Fixed Output 24V driver. Size: 162.5 x 42.5 x 32mm



FROSTED DIFFUSER

Lexan frosted polycarbonate diffuser.



COLOUR-CHANGING LED

Casambi or DMX controlled RGB, RGBW or Tuneable White LED.



60W-100W DRIVER

Fixed Output 24V driver. Size: 190 x 52 x 37mm



ALUMINIUM HEATSINK

LED profile for heat management and improved lifetime.



LOW VOLTAGE LED

24V LED sources. See full range online.



DMX512 DECODER

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



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MICROBLADE 50 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	HHHH LENGTH (mm)	I EMERGENCY
MB50	RE	P	F 1 D C X*	F	XXXX* ENTER PRODUCT CODE	8TW 927 930 940 965 RGB RGW XXX*	XXXX* ENTER CUSTOM LENGTH	N/A

- * **X** Custom Options - specify details alongside code
- MOUNTING **RE** Recessed Plaster-in
- FINISH **P** Natural Plaster, **X** Other - specify details alongside code
- DRIVER **F** Fixed Output, **1** 1-10V, **D** DALI, **C** Casambi control
- DIFFUSER **F** Frosted
- DIRECT LED **OB01** Opteline LED Board, **OXUL** Opteflex Ultra Low Power LED Tape, **OXLO** Opteflex Low Power LED Tape, **OXME** Opteflex Medium Power LED Tape, **OXHI** Opteflex High Power LED Tape, **OXUH** Opteflex Ultra High Power LED Tape
- CRI / COLOUR **8TW** Tuneable White 2700-5700K, **927** CRI 90+ Colour 2700K, **930** CRI 90+ Colour 3000K, **940** CRI 90+ Colour 4000K, **965** CRI 90+ Colour 6500K, **RGB** Red Green Blue colour-change LED, **RGW** Red Green Blue White colour-change LED
- LENGTH Made-to-Measure length in millimetres
- EMERGENCY Options available on request - specify details alongside code

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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