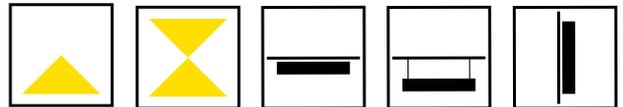


TATOO 46+

MODULAR, CONTINUOUS & MADE-TO-MEASURE



KEY FEATURES

- Surface, Suspended and Wall mounted Direct-Indirect lighting
- Standard modular lengths, continuous connected modules or made-to-measure project-specific lengths
- Direct-Indirect lighting or Direct only with PHILIPS Fortimo LED boards and compact PHILIPS Xitanium Fixed Output drivers
- DALI dimmable option, or Casambi bluetooth control
- Integrated 3-hour emergency conversions available
- Matt White, Matt Black and Anodised Aluminium standard finishes, with many more on request including RAL & vinyl
- UGR compliant with up to 139 LL/CW (Direct)



PHILIPS CASAMBI

**60 YEARS
IN LIGHT**

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EMAIL: sales@optelma.co.uk

ISSUE DATE: 03/11/20

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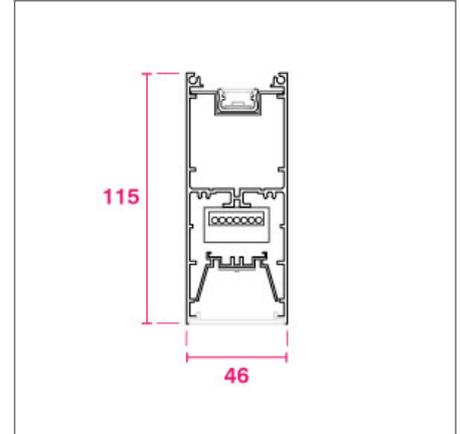
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75012 Paris
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SWITZERLAND

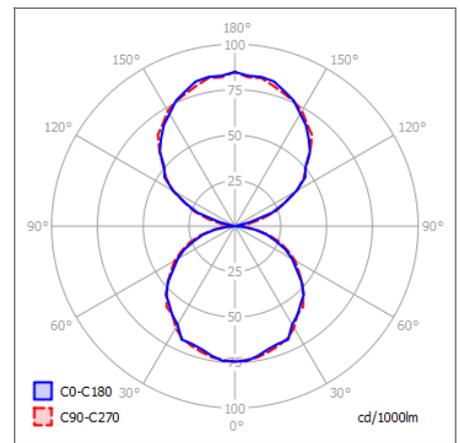
St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

TATOO 46+ SPECIFICATIONS

| PRODUCT OPTIONS | | | |
|--|--|------------------------------|-------------|
| Dimensions (mm): | 46 (W) x 115 (H) | | |
| Cut-out (mm): | N/A | | |
| Weight (kg): | 2.5 kg per Metre | | |
| Lifetime: | 50,000 hrs | | |
| Mounting type: | Surface (Direct only), Suspended, Wall Mounted (Direct-Indirect) | | |
| Finish: | White (RAL9016), White (RAL9010), Black, Anodised Aluminium | | |
| Emergency: | DALI or Standard 3 hour emergency conversion (30% driver output) | | |
| Operating voltage: | 230V | | |
| IP Rating: | IP20 | | |
| Direct Light source: | Philips High Efficiency LED [HE] | Philips High Output LED [HO] | |
| Source Lumens/M: | 2275 [4000K] | 3850 [4000K] | |
| Delivered Lumens/M: | 1731 [MPO] 1439 [OPAL] | 2930 [MPO] | 2436 [OPAL] |
| Power Watts/M: | 12.6 | 21.0 | |
| Indirect Light source: | Opteline LED [OB], 1582lm/M (1093 delivered Opal diff.), 15.2W/M | | |
| Driver: | Fixed Output, DALI Dim. (Direct only or Direct & Indirect), Casambi | | |
| Colour temperature: | 3000K, 4000K | | |
| Diffuser: | OPAL (LOR 63.27%), MPO (LOR 76.1%) | | |
| CRI: | 80+ | | |
| Optional Extras: <i>(On request, Lead times will be affected)</i> | Collimated optic downlights, CRI90+, Tuneable White, RGB, RGBW, 2700K, 3500K, 5000K, 6000K LED, integrated Track, PIR/Daylight sensors, IP rated up to IP65, alternative finishes. All on request. | | |



SURFACE/SUSP. CROSS-SECTION (MM)



POLAR CURVE 4000K OPAL DIR-IND

MODULAR LENGTHS WITH FAST-TRACK LEAD TIMES

| Module Lengths | MPO [HO] Direct only* | OPAL [HO] Direct only* | OPAL [OB] Indirect |
|----------------|-----------------------|------------------------|--------------------|
| 850 | 2511lm/18W | 2089lm/18W | 951lm/13W |
| 1130 | 3344lm/24W | 2785lm/24W | 1257lm/17W |
| 1410 | 4180lm/30W | 3481lm/30W | 1563lm/22W |
| 1690 | 5016lm/36W | 4177lm/36W | 1869lm/26W |
| 1970 | 5852lm/42W | 4873lm/42W | 2175lm/30W |
| 2250 | 6688lm/48W | 5569lm/48W | 2481lm/35W |
| 2530 | 7524lm/54W | 6265lm/54W | 2787lm/39W |
| 2810 | 8360lm/60W | 6961lm/60W | 3093lm/43W |

CONNECTED CONTINUOUS MODULAR SYSTEM

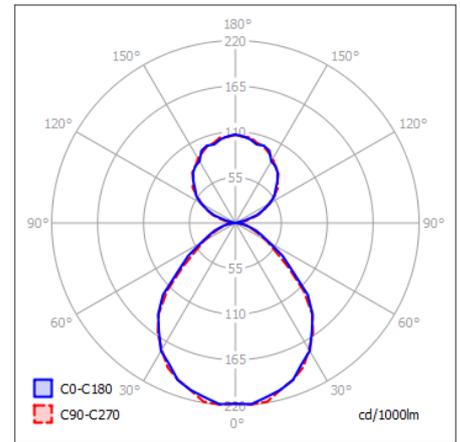
| Start/End Modules | MPO [HO] Direct only** | OPAL [HO] Direct only** | OPAL [OB] Indirect |
|-------------------|------------------------|-------------------------|--------------------|
| 1130 | 3344lm/24W | 2785lm/24W | 1257lm/17W |
| 1410 | 4180lm/30W | 3481lm/30W | 1563lm/22W |
| 1690 | 5016lm/36W | 4177lm/36W | 1869lm/26W |
| 1970 | 5852lm/42W | 4873lm/42W | 2175lm/30W |
| 2810 | 8360lm/60W | 6961lm/60W | 3093lm/43W |
| 90° Corner | | | |
| 590x590 | 3344lm/24W | 2785lm/24W | 1257lm/17W |
| Middle Modules | | | |
| 2805 | 8360lm/60W | 6961lm/60W | 3093lm/43W |
| 2805 Em. | 100lm [Em.] | 168lm [Em.] | N/A (DIR only) |

* Delivered lumen outputs with Philips Fortimo High Output 4000K LED. Modular lead times from 2 weeks. Custom options affect price & lead time.
 ** For connected continuous system 3-hour DALI Emergency is available in middle modules only. Be sure to specify START/MIDDLE/END/LEFT/RIGHT.

CUSTOM LIGHT SOURCES FOR MADE-TO-MEASURE SOLUTIONS

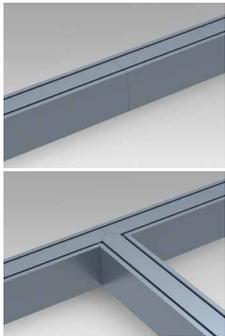
| Light Source | LED Source Output | Additional Information |
|---------------------------|----------------------------|-----------------------------|
| Opteline Board 24V LED | 1582lm/M / 15.2W/M | 50mm cut-points |
| Helvar Tuneable White LED | 4165lm/M / 21.7W/M | 2700K to 6500K |
| LEE Tuneable White LED | 1887lm/M / 10.5W/M | 2700K to 5700K |
| RGB 24V LED Tape | 470lm/M / 15W/M | 62.5mm cut-points |
| RGBW 24V LED Tape | 750lm/M / 30.8W/M | 62.5mm cut-points |
| Mini Fixed Downlight Ø52 | 105lm / 4.5W | 20°, 38°, 60° beam angles |
| Integrated 230V Track | See spotlight range online | 1-circuit or 3-circuit DALI |

* Source lumens output at 4000K. Custom options affect price & lead time. We have 60+ years experience in bespoke/made-to-measure lighting, so if what you want is not listed, please enquire.



POLAR CURVE 4000K MPO DIR. OPAL IND.

TATOO 46+ COMPONENTS



MECHANICAL COUPLER
Flush connections between modules.

MITRED T-JUNCTION
Join more than one linear lighting section.



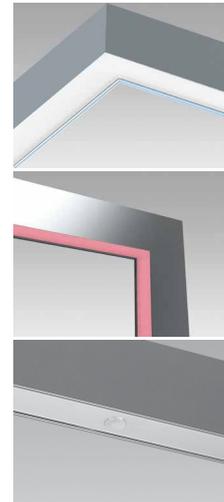
INTEGRATED DOWNLIGHTS
Fixed miniature downlights.



CORNICE SUPPORT
Fixing bracket for wall mounting the profile.

CHANGE-OF-PLANE
Continuous lighting from ceiling to wall.

COLLIMATED DOWNLIGHTS
Integrated fixed LED optics (1, 2, 5 or 10).



MITRED CORNER
Let continuous light turn corners between 81° and 180°.

RGB LIGHTING
24V RGB LED lighting options available.

PIR SENSOR
Miniature Passive Infrared sensor for motion detection.

INTEGRATED EMERGENCY CONVERSIONS



The integrated Emergency conversion (Standard/DALI) will run the driver at 30% output for 3-hours. The converted drivers output is shared equally across each connected board, illuminating the entire length in emergency mode. This improves uniformity to comply with emergency regulations.

A maximum of 10 boards (2810mm module) can be connected to one emergency conversion kit. Longer lengths will require multiple emergency conversions.

| Module lengths | Medium Power Emergency* | High Power Emergency* |
|----------------|-------------------------|-----------------------|
| 850mm | 99.45lm | 168.3lm |
| 1130mm | 99.45lm | 168.3lm |
| 1410mm | 99.45lm | 168.3lm |
| 1690mm | 99.45lm | 168.3lm |
| 1970mm | 99.45lm | 168.3lm |
| 2250mm | 99.45lm | 168.3lm |
| 2530mm | 99.45lm | 168.3lm |
| 2810mm | 99.45lm | 168.3lm |



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SWITZERLAND
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CH-4502 Solothurn
Switzerland

TATOO 46+ SPECIFICATION CODE

| AAAA - BB/C/D/E - F/GGG - F/GGG - HHHH/I | | | | | | | | | | |
|--|----------------|-------------------------|-------------------|---------------|--------------------|---------------------------------------|----------------------|-------------------------|--|----------------|
| AAAA PRODUCT ID | BB MOUNTING | C FINISH | D DRIVER | E DIFFUSER | F DIRECT LED | GGG CRI/ COLOUR | F INDIRECT LED | GGG CRI/ COLOUR | HHH LENGTH (mm) | I EMERGENCY |
| TA46 | SM SP WM | B W WW A X* | F D DD C | O M | E O X* | 827 830 840 8TW 8RW X* | O X* | 827 830 840 X* | 0850 1130 1410 1690 1970 2250 2530 2810 X* | E DE |

| | |
|--------------|---|
| MOUNTING | 'SM' Surface Mounted, 'SP' Suspended Parallel, 'WM' Wall Mounted |
| FINISH | 'B' Matt Black, 'W' White RAL 9016, 'WW' White RAL 9010, 'A' Anodised Aluminium, 'X' Custom Finish |
| DRIVER | 'F' Fixed Output, 'D' DALI, 'DD' DALI Direct & Indirect, 'C' Casambi control |
| DIFFUSER | 'O' Opal, 'M' MPO |
| DIRECT LED | 'E' High Efficiency 650lm boards, 'O' High Output 1100lm boards, 'X' Custom - specify details alongside code |
| CRI / COLOUR | '827' CRI 80+ Colour 2700K, '830' CRI 80+ Colour 3000K, '840' CRI 80+ Colour 4000K, '8TW' CRI 80+ Tuneable White 2700K-6500K, '8RW' CRI 80+ RGBW LED, 'X' Custom - specify details alongside code |
| INDIRECT LED | 'O' Opteline LED boards, 'X' Custom - specify details alongside code |
| CRI / COLOUR | '827' CRI 80+ Colour 2700K, '830' CRI 80+ Colour 3000K, '840' CRI 80+ Colour 4000K |
| LENGTH | Modular lengths in millimetres, 'X' Specify custom length |
| EMERGENCY | 'E' Standard Integrated Emergency, 'DE' DALI Integrated Emergency |

For through-wired continuous modules, specify: **'START'**, **'MIDDLE'**, **'END'**, **'LEFT'** or **'RIGHT'** to build light systems

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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