



DARKLIGHT

DOWNLIGHT



KEY FEATURES

- Recessed round downlight with black bezel
- Fixed or Adjustable versions
- Matt White Trim with black bezel for reduced glare
- Bridgelux 9W or 15W LED Engines
- CRI 80+ as standard
- 20° Spot, 40° Medium & 55° Flood beam angles
- 2700K, 3000K and 4000K colour temperatures
- Fixed Output, L&TE, 0-10V or DALI Dimming options



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

ISSUE DATE: 01/01/18

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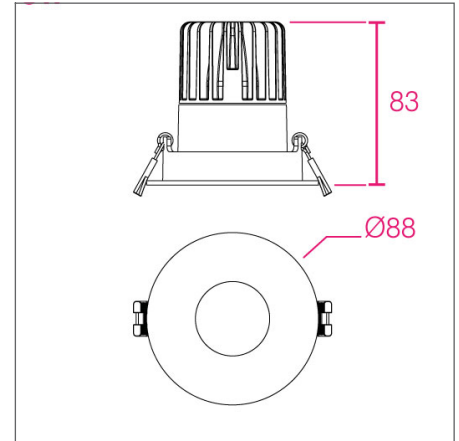
SWISS OFFICE
St. Urbangasse 53
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Switzerland

DARKLIGHT DOWNLIGHT SPECIFICATIONS

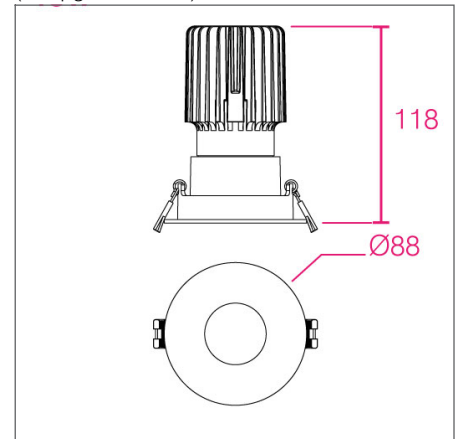
PRODUCT OPTIONS

Dimensions (mm):	See table below
Weight (kg):	< 1.0 kg
Lifetime:	50,000 hrs
Mounting type:	Recessed with Trim
Finish:	Trim: Matt White* Bezel: Matt Black
Emergency:	Emergency conversion on request
Operating voltage:	230V DC (400-450mA)
IP Rating:	IP20 (IP54 on request)
Direct Light source:	9W or 15W CREE LED
Driver:	Fixed Output, L&TE, 0-10V or DALI
Colour temperature:	2700K, 3000K or 4000K
Beam Angle:	9W: 15°, 24°, 38°, 60° 15W: 20°, 40°, 55°
Diffuser:	N/A
CRI:	80+
Optional Extras:	

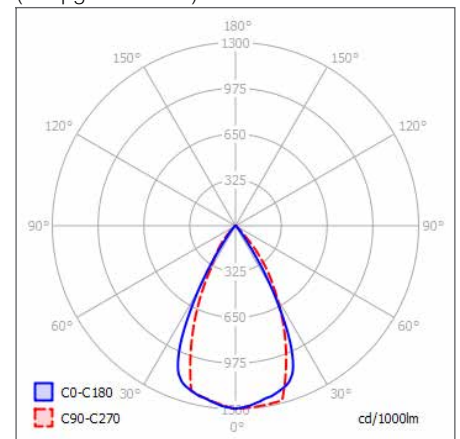
* Alternative finishes available only on request. Lead times may vary.



DIMENSIONS 9W FIXED (MM)
(see pg. 3 for more)



DIMENSIONS 15W FIXED (MM)
(see pg. 3 for more)



POLAR CURVE 4000K

CHOOSE FROM OUR RANGE OF SIZES AND OUTPUTS

Product	Dimensions	Cut-out	Output*
Darklight 1 (Fixed)	Ø88 x 83 (H)	Ø75 mm	399 lm / 9.0 W
Darklight 1 (Fixed)	Ø88 x 118 (H)	Ø75 mm	1120 lm / 15.0 W
Darklight 2 (Adjust.)	Ø88 x 83 (H)	Ø75 mm	448 lm / 9.0 W
Darklight 2 (Adjust.)	Ø88 x 118 (H)	Ø75 mm	1120 lm / 15.0 W
Darklight 3 (Adjust.)	88x88 x 83 (H)	Ø75 mm	448 lm / 15.0 W
Darklight 3 (Adjust.)	88x88 x 118 (H)	Ø75 mm	1120 lm / 15.0 W

* Figures shown for 4000K outputs



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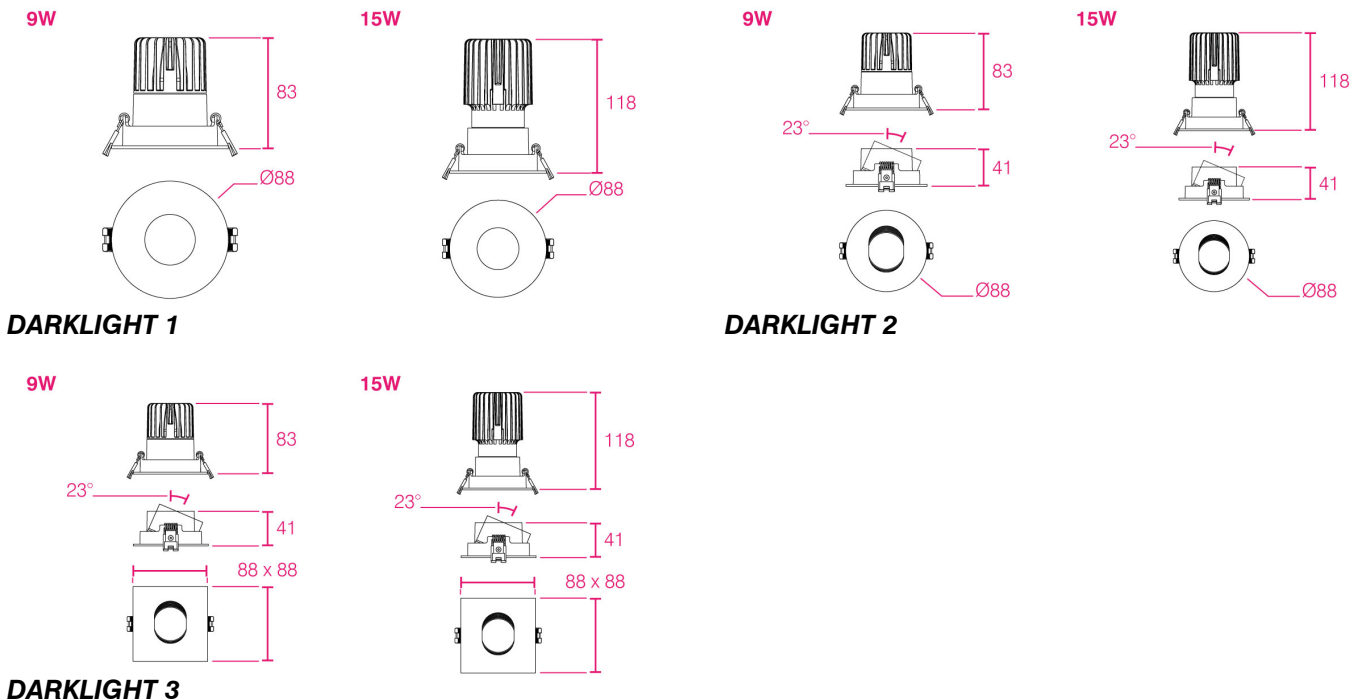
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**60 YEARS
IN LIGHT**

DARKLIGHT DOWNLIGHT DIMENSIONS



Dimensions shown in millimetres.

DARKLIGHT DOWNLIGHT COMPONENTS



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DARKLIGHT DOWNLIGHT SPECIFICATION CODE

AAAA - BB/C/D/E - F/GGG - HHH/I								
AAAA PRODUCT ID	BB MOUNTING	C FINISH	D DRIVER	E BEAM ANGLE	F DIRECT LED	GGG CRI/ COLOUR	HHH DIAMETER/ SIZE (mm)	I EMERGENCY
DK01 DK02 DK03	RE	W X*	F L O D	T S M F	L M	827 830 840	88	N/A

* **X** Custom Options - specify details alongside code

PRODUCT ID **DK01** Darklight 1 Fixed Downlight, **DK02** Darklight 2 Adjustable Downlight, **DK03** Darklight 3 Adjustable Downlight

MOUNTING **RE** Recessed with Trim

FINISH **W** Matt White *Alternative finishes specify details alongside code

DRIVER **F** Fixed Output, **L** L&TE, **O** 0-10V, **D** DALI

BEAM ANGLE **T** 15° Tight Spot, **S** 20° / 24° Spot, **M** 38° / 40° Medium, **F** 55° / 60° Flood

DIRECT LED **L** Low power 9W, **M** Medium power 15W

CRI / COLOUR **827** CRI 80+ Colour 2700K, **830** CRI 80+ Colour 3000K, **840** CRI 80+ Colour 4000K

DIAMETER / SIZE Luminaire diameter in millimetres

EMERGENCY N/A

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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