

EMERGENCY 2

DOWNLIGHT



KEY FEATURES

- Self-contained Class II emergency Downlight
- Surface Mounted or Recessed solution
- Integral bi-colour status indicator
- Clip-in symmetrical wide angle lens or asymmetrical corridor lens for escape routes
- DALI or Self-Test driver & LiFe 3-hour battery
- 260 lumen constant voltage LED solution
- White or Black finish downlight housing



60 YEARS
IN LIGHT

CALL: +44 (0) 1235 55 37 69

EMAIL: sales@optelma.co.uk

ISSUE DATE: 21/01/20

HEAD OFFICE

The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM

23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

FRANCE

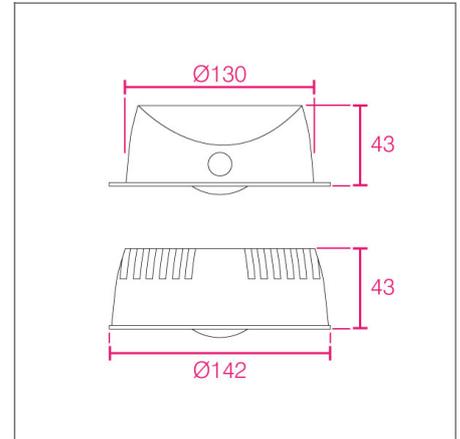
28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND

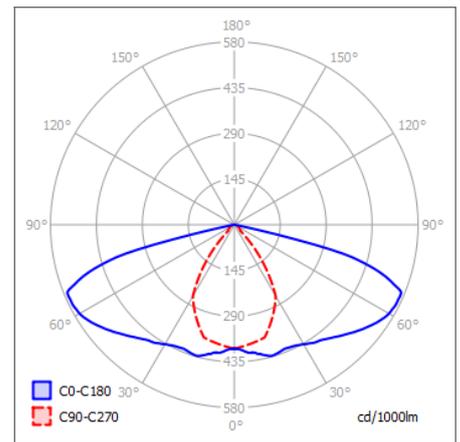
St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

EMERGENCY 2 SPECIFICATIONS

PRODUCT OPTIONS	
Dimensions (mm):	142 (D) x 43 (H)
Cut-out (mm):	130 (D) x 43 (H)
Lifetime:	50,000 hrs
Mounting Type:	Recessed with Trim, Surface Mounted
Finish:	Matt White, Matt Black
Emergency:	3-hour Integral LiFe battery, 350mA discharge current, <24hrs recharge period
Weight (kg):	~0.8 kg
Light source:	3W LED chip
Driver:	DALI, Self-Test
Colour temperature:	5000K
Beam Angle:	Wide Angle (symmetrical), Corridor (Asymmetric)
Diffuser:	N/A
Operating Voltage:	230V 20mA (unswitched L&N)
IP Rating:	IP44
CRI:	80
Delivered Lumens:	160 lm
Power Consumption:	3.0 W
Efficiency (lm/W):	53.3 lm/W
Additional info:	Operating temperature 0° to 25 C°



CROSS-SECTION DIMENSIONS (MM)



POLAR CURVE (Corridor)

EMERGENCY LIGHTING SPACINGS

Mounting height (M)	Min. 0.5 lux Open Area	Min. 1.0 lux Escape Route
2.0 (Corridor Asymmetric)	N/A	14.0 M Spacing
2.5 (Corridor Asymmetric)	N/A	15.3 M Spacing
3.0 (Corridor Asymmetric)	N/A	16.5 M Spacing
2.0 (Wide Symmetric)	13.9 M Spacing	12.8 M Spacing
2.5 (Wide Symmetric)	15.1 M Spacing	14.0 M Spacing
3.0 (Wide Symmetric)	14.8 M Spacing	13.6 M Spacing

* Based on max. 260lm output.



60 YEARS
IN LIGHT

CALL: +44 (0) 1235 55 37 69

EMAIL: sales@optelma.co.uk

ISSUE DATE: 21/01/20

HEAD OFFICE

The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM

23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

FRANCE

28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND

St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

EMERGENCY 2 DOWNLIGHT COMPONENTS



BATTERY
Lithium Iron
Phosphate 3-hour
battery (LiFe).



WHITE BEZEL
Matt White thermally
conductive plastic
housing.



BLACK BEZEL
Matt Black thermally
conductive plastic
housing.



**BI-COLOUR
INDICATOR**
Red and Green
indicator LED.



**60 YEARS
IN LIGHT**

CALL: +44 (0) 1235 55 37 69
EMAIL: sales@optelma.co.uk

ISSUE DATE: 21/01/20

HEAD OFFICE
The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM
23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

FRANCE
28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND
St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

EMERGENCY 2 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
EM02	RE SM	W B	D T	W C	L	850	142	N/A

	*	X Custom Options - specify details alongside code
PRODUCT ID		EM02 Emergency 2
MOUNTING		RE Recessed with trim, SM Surface Mounted
FINISH		W Matt White, B Matt Black
DRIVER		D DALI, T Self-test
BEAM ANGLE		W Wide angle, C Corridor (asymmetric)
DIRECT LED		L Low power 3.0W LED
CRI / COLOUR		850 CRI 80 5000K
DIAMETER / SIZE		Downlight 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.



60 YEARS IN LIGHT

CALL: +44 (0) 1235 55 37 69
EMAIL: sales@optelma.co.uk

ISSUE DATE: 21/01/20

HEAD OFFICE

The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM

23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

FRANCE

28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND

St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland