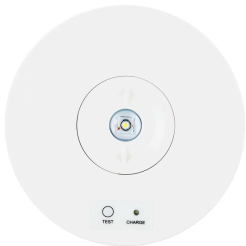


LiFeSafe SurfaceRoundDownlight IP65 RA C EM3 NM ST
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Features

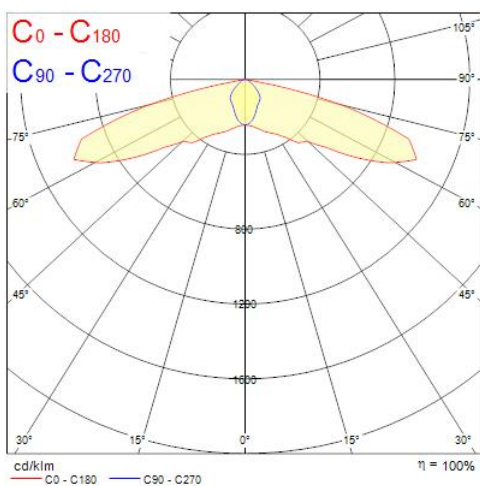
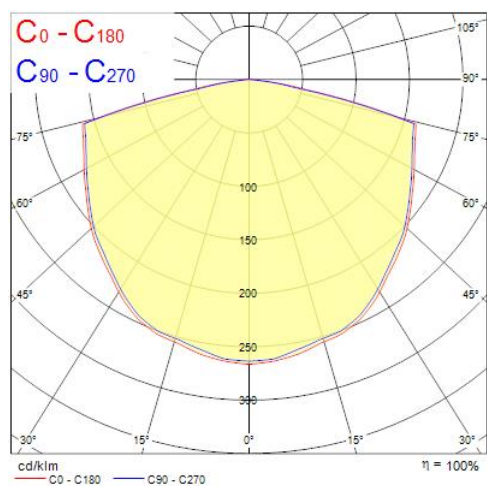
• LiFeSafe SURF RDDL IP65 RA C EM3 NM ST is a round surface mount standalone luminaire. Non-maintained self-test 3Hr emergency duration with LiFePO4 rechargeable batteries. Interchangeable lens for open area or corridor beam. 2.2W - 280lm (open area) / 250lm (corridor), 20mm conduit entry points, Class II construction.

Product Overview

Product name	LiFeSafe SurfaceRoundDownlight IP65 RA C EM3 NM ST
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Luminaire efficacy (lm/W)	140
Colour temperature (K)	6500
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	280
Electrical protection	Class II
Housing colour	RAL 9003 - Signal white
IP rating	IP65
IK rating	IK03
Product EAN number	5410288320083
Warranty	5 years

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Photometry



Distance [m]	Cone diameter [m]	E [0°] E (C90) E (C0)	244 54 8
0.5	0.85 3.84	40.5° 75.4°	61 13 2
1.0	1.71 7.68	40.5° 75.4°	27 6 1
1.5	2.56 11.52	40.5° 75.4°	15 3 1
2.0	3.42 15.36	40.5° 75.4°	10 2 0
2.5	4.27 19.20	40.5° 75.4°	7 1 0
3.0	5.12 23.03	40.5° 75.4°	

Distance [m]	Cone diameter [m]	E (0°) E (C90) E (C0)	290 2 2
0.5	4.04 4.10	E (0°) E (C90) E (C0)	76.1° 76.1° 76.3°
1.0	8.08 8.20	E (0°) E (C90) E (C0)	76.1° 76.1° 76.3°
1.5	12.12 12.31	E (0°) E (C90) E (C0)	76.1° 76.1° 76.3°
2.0	16.16 16.41	E (0°) E (C90) E (C0)	76.1° 76.1° 76.3°
2.5	20.20 20.51	E (0°) E (C90) E (C0)	76.1° 76.1° 76.3°
3.0	24.24 24.61	E (0°) E (C90) E (C0)	76.1° 76.1° 76.3°

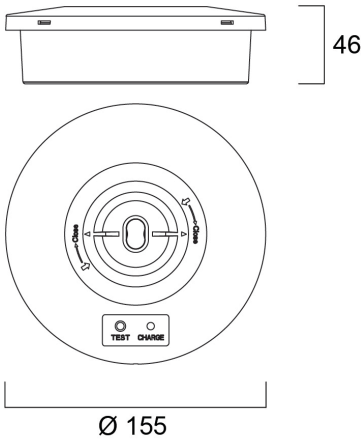
Distance [m] Cone diameter [m]

— C0 - C180 (Half beam angle: 152.6°)
— C90 - C270 (Half beam angle: 152.2°)

Illuminance [lx]

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Technical drawings



Data table

GENERAL DATA

Product name	LiFeSafe SurfaceRoundDownlight IP65 RA C EM3 NM ST
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Operating temperature range (°C)	0°C...+45°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Luminaire efficacy (lm/W)	140
Colour temperature (K)	6500
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6

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Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	280
Emergency duration (h)	3

ELECTRICAL DATA

Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.3
Electrical protection	Class II
Control gear required	No
Inrush Current (A)	3
Inrush Duration (µs)	100
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	475
Max. products per 20A B Breaker	570

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	100000
Lifespan L80 B20	100000
Lifespan L80 B10	100000
Lifespan L90 B50	100000
Lifespan L90 B20	100000
Lifespan L90 B10	100000

PHYSICAL DATA

Housing colour	RAL 9003 - Signal white
IP rating	IP65
IK rating	IK03
Nominal Product Length (mm)	155
Nominal Product Width (mm)	155
Weight (kg)	0.326



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PACKAGING

Single packaging type	Carton
Product EAN number	5410288320083
Packaging single width (cm)	6.0
Packaging single depth (cm)	6.0
DUN14 (outer)	15410288320080
Packaging outer length / height (cm)	35.7

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No