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LiFeSafe Downlight RA R EM3 NM ST
0032006

Features

• LiFeSafe Downlight RA R EM3 NM ST is a miniature emergency recessed downlight with interchangeable optics for open area and escape route illumination. Non-maintained self-test 3Hr emergency duration with LiFePO4 rechargeable battery. Self test. Quick and easy installation with driver module and battery pack contained in articulated case that can pass through 44mm cut-out. Suitable for ceiling thickness 5-20mm. 170lm (open area) / 150lm (corridor), 1W, IK03, IP20. Class II electrical construction.

Product Overview

Product name	LiFeSafe Downlight RA R EM3 NM ST
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Light source included	0032006
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office
ETIM Class	EC001957
Fixture luminous flux (lm)	170
Luminaire efficacy (lm/W)	170
Correlated colour temperature (k)	6500
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	170
Luminous flux (emergency) (lm)	170
Electrical protection	Class II
Housing colour	RAL9003

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IP rating	IP20
IK rating	IK03
Product EAN number	5410288320069
Warranty	5 years

Photometry

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![SYLVANIA]
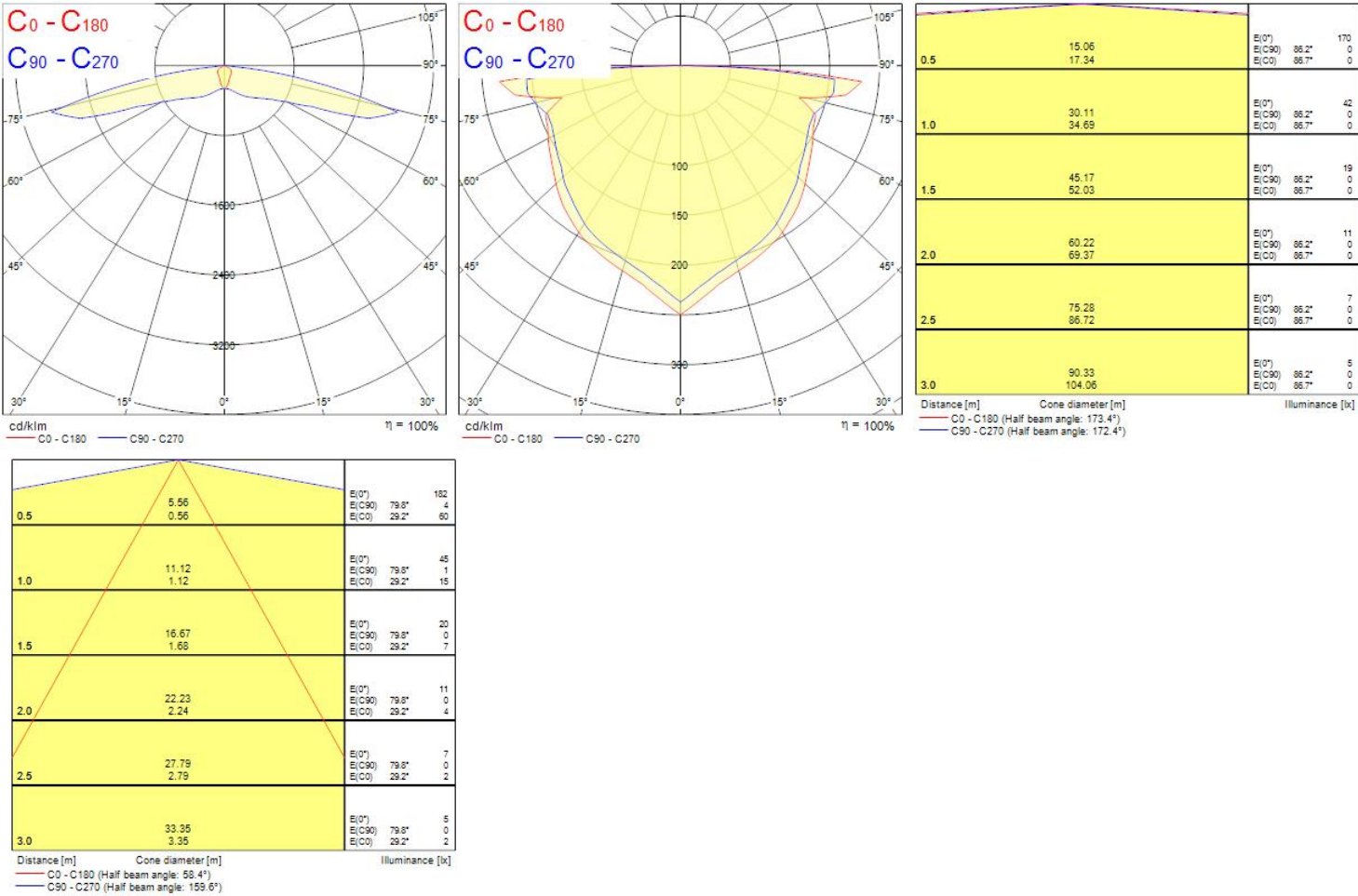
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Technical drawings
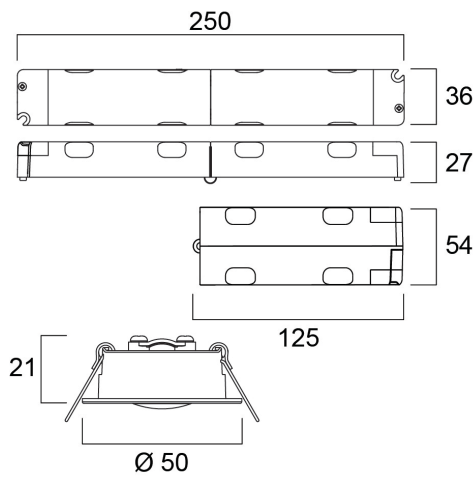
Data table

GENERAL DATA

Product name	LiFeSafe Downlight RA R EM3 NM ST
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office
Operating temperature range (°C)	0°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001957
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	170
Luminaire efficacy (lm/W)	170
Correlated colour temperature (k)	6500

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Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	170
Luminous flux (emergency) (lm)	170
Emergency duration (h)	3

ELECTRICAL DATA

Light source included	0032006
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.3
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	284
Electrical protection	Class II
Control gear required	No
Inrush Current (A)	3
Inrush Duration (µs)	100
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	475
Max. products per 13A C Breaker	617
Max. products per 16A C Breaker	760
Max. products per 20A C Breaker	950
Max. products per 10A B Breaker	285
Max. products per 13A B Breaker	370
Max. products per 16A B Breaker	456
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

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

PHYSICAL DATA

Housing colour	RAL9003
IP rating	IP20
IK rating	IK03
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	50
Weight (kg)	0.182

PACKAGING

Product EAN number	5410288320069
Packaging single length / height (cm)	5.5
Packaging single width (cm)	5.5
Packaging single depth (cm)	1.7
DUN14 (inner)	15410288320066
Units per outer package	20
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	18.5
Packaging outer depth (cm)	24.0

SAFETY DATA

Glow Wire Test (°C)	850
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

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