



Features

- LiFeSafe PRO Downlight RA R EM3 NM DA is a miniature DALI addressable emergency recessed downlight with interchangeable optics for open area and escape route illumination. Non-maintained self-test 3Hr emergency duration with LiFePO4 rechargeable battery. Quick and easy installation with driver module and battery pack contained in articulated case that can pass through 44-50mm cut-out. Suitable for ceiling thickness 5-15mm. 225lm (open area) / 200lm (corridor), 3.5W, IK03, IP20. Class II electrical construction. 6-year warranty

Product Overview

Product name	LIFESAFE PRO DOWNLIGHT RA R EM3 NM DA
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Light source included	Fixture without Lightsource
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office
ETIM Class	EC001957
Fixture luminous flux (lm)	225
Luminaire efficacy (lm/W)	64
Correlated colour temperature (k)	5000
CRI (Ra)	70
Photobiological Risk Group	RG2
Luminous flux (emergency) (lm)	225
Luminous flux (emergency) (lm)	225
Electrical protection	Class II
Control gear type	LED driver constant current

LIFESAFE PRO DOWNLIGHT RA R EM3 NM DA 0038800

Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288388007
Warranty	6 years

Data table

GENERAL DATA

Product name	LIFESAFE PRO DOWNLIGHT RA R EM3 NM DA
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office
Operating temperature range (°C)	0°C...+45°C
ETIM Class	EC001957
Warranty	6 years

OPTICAL DATA

Fixture luminous flux (lm)	225
Luminaire efficacy (lm/W)	64
Correlated colour temperature (k)	5000
CRI (Ra)	70
Photobiological Risk Group	RG2
Lumen maintenance at end of nominal life (%)	70
Luminous flux (emergency) (lm)	225
Luminous flux (emergency) (lm)	225
Emergency duration (h)	3

ELECTRICAL DATA

Light source included	Fixture without Lightsource
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LIFESAFE PRO DOWNLIGHT RA R EM3 NM DA 0038800

Supply current (A)	0.035
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.35
THD (at 230 V, 50 Hz, full load, at 100% dimming level) \leq xx.x %	84.2
Electrical protection	Class II
Control gear required	Yes
Control gear type	LED driver constant current
Drive current (mA)	575
Inrush Current (A)	30
Inrush Duration (μ s)	220
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	209
Max. products per 13A C Breaker	271
Max. products per 16A C Breaker	334
Max. products per 20A C Breaker	418
Max. products per 10A B Breaker	313
Max. products per 13A B Breaker	271
Max. products per 16A B Breaker	334
Max. products per 20A B Breaker	418
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	0.75

LIFETIME DATA

Lifespan L70 B10	680000
Lifespan L90 B10	20000

PHYSICAL DATA

Housing colour	White
IP rating	IP20
IK rating	IK03

LIFESAFE PRO DOWNLIGHT RA R EM3 NM DA 0038800

Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	267
Nominal Product Height (mm)	30
Nominal Product Diameter (mm)	55
Weight (kg)	0.71
Recessed Depth (mm)	30

PACKAGING

Product EAN number	5410288388007
Packaging single length / height (cm)	37.0
Packaging single width (cm)	31.0
Packaging single depth (cm)	19.0
Units per outer package	1
Packaging outer length / height (cm)	37.0
Packaging outer width (cm)	31.0
Packaging outer depth (cm)	19.0

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	0 °C-45
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No