

LIFESAFE PRO SURF RDDL HO RARC EM3 NM DA
0038811



Features

• LiFeSafe PRO SURF RDDLHO RA C EM3 NM DA is a high output DALI addressable round surface mount standalone luminaire. Non-maintained self-test 3Hr emergency duration with LiFePO4 rechargeable batteries. Interchangeable lens for open area or corridor beam. 3.5W - 450lm, 20mm conduit entry points, IK06, IP20, Class II construction 6-year warranty.

Product Overview

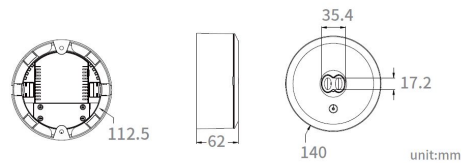
Product name	LIFESAFE PRO SURF RDDL HO RARC EM3 NM DA
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Light source included	0038811
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office
ETIM Class	EC001957
Fixture luminous flux (lm)	450
Luminaire efficacy (lm/W)	75
Correlated colour temperature (k)	5000
CRI (Ra)	70
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	450
Luminous flux (emergency) (lm)	450
Electrical protection	Class II
Control gear type	LED driver constant current
Housing colour	White
IP rating	IP20

LIFESAFE PRO SURF RDDDL HO RARC EM3 NM DA
0038811

IK rating	IK06
Product EAN number	5410288388113
Warranty	6 years

Technical drawings

Surface Mount



Data table

GENERAL DATA

Product name	LIFESAFE PRO SURF RDDDL HO RARC EM3 NM DA
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface 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)	450
Luminaire efficacy (lm/W)	75
Correlated colour temperature (k)	5000
CRI (Ra)	70
Photobiological Risk Group	RG1

LIFESAFE PRO SURF RDDDL HO RARC EM3 NM DA 0038811

Lumen maintenance at end of nominal life (%)	70
Luminous flux (emergency) (lm)	450
Luminous flux (emergency) (lm)	450
Emergency duration (h)	3

ELECTRICAL DATA

Light source included	0038811
Current (A)	0.055
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)	515
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	344
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



LIFESAFE PRO SURF RDDL HO RARC EM3 NM DA
0038811

Lifespan L70 B10	68000
Lifespan L90 B10	20000

PHYSICAL DATA

Housing colour	White
IP rating	IP20
IK rating	IK06
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	62
Nominal Product Diameter (mm)	140
Weight (kg)	0.49

PACKAGING

Product EAN number	5410288388113
Packaging single length / height (cm)	29.0
Packaging single width (cm)	19.0
Packaging single depth (cm)	9.0
DUN14 (inner)	05410288388113
Units per outer package	1
Packaging outer length / height (cm)	29.0
Packaging outer width (cm)	19.0
Packaging outer depth (cm)	9.0

SAFETY DATA

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