

### Features

- LiFeSafe PRO SURF RDDDL RA C EM3 NM DA BK is a Black DALI addressable round surface mount standalone luminaire. Non-maintained DALI 3Hr emergency duration with LiFePO4 rechargeable batteries. Interchangeable lens for open area or corridor beam. System power 3.5W , 240lm (open area) / 200lm (corridor), 20mm conduit entry points, IK06, IP20, Class II construction 6-year warranty.

### Product Overview

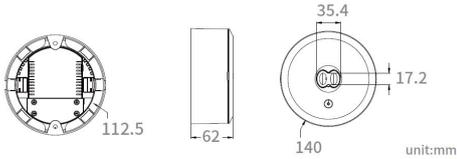
<b>Product name</b>	LIFESAFE PRO SURF RDDDL RARC EM3 NM DA BK
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	PC Polycarbonate
<b>Mount</b>	Ceiling surface mounting
<b>Light source included</b>	Fixture without Lightsource
<b>General application</b>	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office
<b>ETIM Class</b>	EC001957
<b>Fixture luminous flux (lm)</b>	240
<b>Luminaire efficacy (lm/W)</b>	80
<b>Correlated colour temperature (k)</b>	5000
<b>CRI (Ra)</b>	70
<b>Photobiological Risk Group</b>	RG1
<b>Luminous flux (emergency) (lm)</b>	240
<b>Luminous flux (emergency) (lm)</b>	240
<b>Electrical protection</b>	Class II
<b>Control gear type</b>	LED driver constant current
<b>Housing colour</b>	Black
<b>IP rating</b>	IP20

## LIFESAFE PRO SURF RDDDL RARC EM3 NM DA BK 0038812

<b>IK rating</b>	IK06
<b>Product EAN number</b>	5410288388120
<b>Warranty</b>	6 years

### Technical drawings

Surface Mount



### Data table

#### GENERAL DATA

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

#### OPTICAL DATA

<b>Fixture luminous flux (lm)</b>	240
<b>Luminaire efficacy (lm/W)</b>	80
<b>Correlated colour temperature (k)</b>	5000
<b>CRI (Ra)</b>	70
<b>Photobiological Risk Group</b>	RG1

## LIFESAFE PRO SURF RDDL RARC EM3 NM DA BK 0038812

Lumen maintenance at end of nominal life (%)	77
Luminous flux (emergency) (lm)	240
Luminous flux (emergency) (lm)	240
Emergency duration (h)	3

### ELECTRICAL DATA

Light source included	Fixture without Lightsource
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)	515
Inrush Current (A)	30
Inrush Duration ( $\mu$ 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	344
Max. products per 20A B Breaker	418
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	0.75

### LIFETIME DATA

## LIFESAFE PRO SURF RDDL RARC EM3 NM DA BK 0038812

Lifespan L70 B10	68000
Lifespan L90 B10	20000

### PHYSICAL DATA

Housing colour	Black
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	5410288388120
Packaging single length / height (cm)	26.0
Packaging single width (cm)	19.0
Packaging single depth (cm)	9.0
DUN14 (inner)	05410288388120
Units per outer package	1
Packaging outer length / height (cm)	26.0
Packaging outer width (cm)	19.0
Packaging outer depth (cm)	9.0

### SAFETY DATA

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