SYLVANIA

SylSafe Bay
SylSafe Bay RT C EM3 NM DA
0041742

Product features

- SylSafe Bay RT C EM3 NM DA is a dust and waterproof surface mounted emergency luminaire for industrial applications. Escape route optics for standard mounting heights <4m. Non-maintained 3hr emergency duration with NiMH rechargeable battery. Recharge period 24 hours. Self testing with DALI monitoring capability. 200lm, 3W, IK03, IP65. Power Factor 0.44. Class II electrical construction.

PRODUCT OVERVIEW

IPC Code	0041742
Product name	SylSafe Bay RT C EM3 NM DA
Technology	LED
Type	LED
Mount	Surface mounted
General application	Office,Hospitality,Retail,Museums & Galleries,Education,Logistics & Industry,
Certifications	EUNEW002
ETIM Class	EC001957
Fixture luminous flux (lm)	200
Luminaire efficacy (lm/W)	67
Colour temperature (K)	5700
CRI (Ra)	75
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	200
Total power consumption (W)	3
Electrical protection	Class II
Control gear type	Emergency (3 hour non-maintained)
Average life (Nominal) (h)	35040
Housing colour	White
IP rating	IP65
IK rating	IK03
Product EAN number	5410288417424
Lamps	No
Included lamp	INTEGRATED LED

DATA TABLE

General data	
IPC Code	0041742
Product name	SylSafe Bay RT C EM3 NM DA
Technology	LED
Type	LED
Mount	Surface mounted

General application	Office,Hospitality,Retail,Museums & Galleries,Education,Logistics & Industry,
Certifications	EUNEW002
ETIM Class	EC001957

Optical data

Fixture luminous flux (lm)	200
Luminaire efficacy (lm/W)	67
Colour temperature (K)	5700
CRI (Ra)	75
Distribution type	Corridor
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	200
Emergency duration (h)	3

Electrical data

Total power consumption (W)	3
Mains voltage (V)	230-240V~
Lamp power factor	0.44
Electrical protection	Class II
Control gear required	Yes
Control gear type	Emergency (3 hour non-maintained)
Drive current (mA)	30
kWh per 1000 hours burning time	3
Nominal Frequency (Hz)	50/60Hz

Lifetime data

Average life (Nominal) (h)	35040

Physical data

Housing colour	White
IP rating	IP65
IK rating	IK03
Nominal Product Length (mm)	197
Nominal Product Width (mm)	197
Nominal Product Height (mm)	53

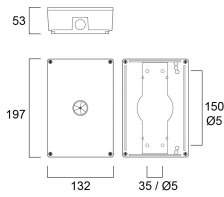## Packaging

Product EAN number	5410288417424
DUN14 (outer)	05410288417424
Units per outer package	5
Packaging outer length / height (cm)	42.2
Packaging outer width (cm)	25.2
Packaging outer depth (cm)	13.2

PHOTOMETRY

Distance [m]	Cone diameter [m]				Illuminance [lx]
0.5	1.55 / 12.16	E(0°)			168
		E(C90)	57.2°		14
		E(C0)	85.3°		0
1.0	3.10 / 24.33	E(0°)			42
		E(C90)	57.2°		4
		E(C0)	85.3°		0
1.5	4.66 / 36.49	E(0°)			19
		E(C90)	57.2°		2
		E(C0)	85.3°		0
2.0	6.21 / 48.65	E(0°)			10
		E(C90)	57.2°		1
		E(C0)	85.3°		0
2.5	7.76 / 60.82	E(0°)			7
		E(C90)	57.2°		1
		E(C0)	85.3°		0
3.0	9.31 / 72.98	E(0°)			5
		E(C90)	57.2°		0
		E(C0)	85.3°		0

C0 - C180 (Half beam angle: 170.6°)
C90 - C270 (Half beam angle: 114.4°)

$C_0 - C_{180}$
$C_{90} - C_{270}$

cd/klm
C0 - C180   C90 - C270
η = 100%

TECHNICAL DRAWINGS

53
197
132
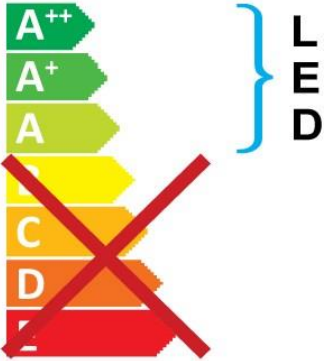150 Ø5
35 / Ø5
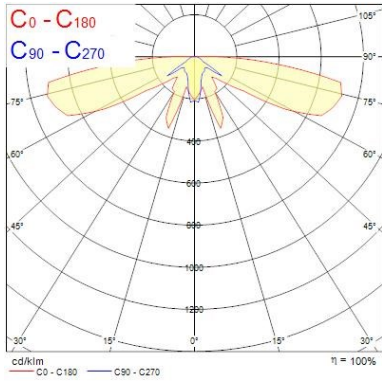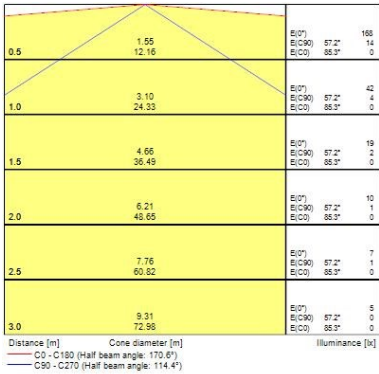
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SYLVANIA 0041742

This luminaire contains built in LED lamps.

A++
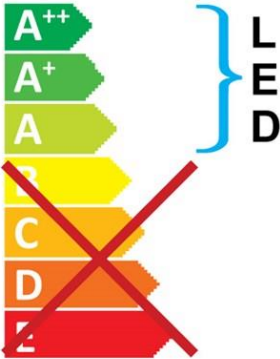A+
A
B
C
D
E

LED

The lamps cannot be changed in the luminaire.

874/2012

This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.

SYLVANIA 0041742

A++
A+
A
B
C
D
E

LED

874/2012