SYLVANIA

Expospot 50 fixed
EXPOSPOT 50 FIXED RA90 4000K MB WHITE
0060211

Product features

- Integrated LED fixed accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 33°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 13W, total fixture output: 1156lm, 89lm/W, LOR: 100%, colour rendering: Ra 90 typical, LED Chromacity: 3 step MacAdam ellipse, lifetime: 60,000 hours at 70% of the original output (L70B50), energy class: A++, A+, A, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, non-dimmable, electrical protection: CLASS II, ingress protection rating: IP20, suitable for internal environment only, ceiling cut-out: 85mm, outer dimensions: 95x103mm, weight: 0.52kg.

PRODUCT OVERVIEW

IPC Code	0060211
Product name	EXPOSPOT 50 FIXED RA90 4000K MB WHITE
Technology	LED
Housing	Aluminium
Mount	Recessed
Fixture rating	Enclosed
Environment	Internal
General application	Retail,
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4274715
Fixture luminous flux (lm)	1156
Luminaire efficacy (lm/W)	89
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Beam Angle (°)	33
Photobiological Risk Group	RG1
Total power consumption (W)	13
Electrical protection	Class II
Control gear type	Electronic
Control gear mounting	Remote
Dimmable	N
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5410288602110
Lamps	No
Included lamp	INTEGRATED LED

DATA TABLE

General data

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Optical data

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Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	13
Mains voltage (V)	230-240V~
Lamp power factor	0.83
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic
Control gear mounting	Remote
Dimmable	N
Drive current (mA)	300
Inrush Current (A)	17
Inrush Duration (µs)	199
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	38
Max. Luminaires per 13A C Breaker	50
Max. Luminaires per 16A C Breaker	61
Max. Luminaires per 20A C Breaker	78
Max. Luminaires per 10A B Breaker	23
Max. Luminaires per 13A B Breaker	30
Max. Luminaires per 16A B Breaker	37
Max. Luminaires per 20A B Breaker	47

Lifetime data

Lumen maintenance - L70 B50	60000
Lumen maintenance - L70 B20	60000
Lumen maintenance - L70 B10	60000
Lumen maintenance - L80 B50	60000
Lumen maintenance - L80 B20	60000
Lumen maintenance - L80 B10	60000
Lumen maintenance - L90 B50	60000
Lumen maintenance - L90 B20	60000
Lumen maintenance - L90 B10	55000

Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Reflector finish	Metalised
Nominal Product Width (mm)	95
Nominal Product Height (mm)	103
Weight (kg)	0.52
Recessed Depth (mm)	103

Packaging

Single packaging type	Carton
Product EAN number	5410288602110
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05410288602110
Units per outer package	1
Packaging outer length / height (cm)	18.0
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	16.0

PHOTOMETRY
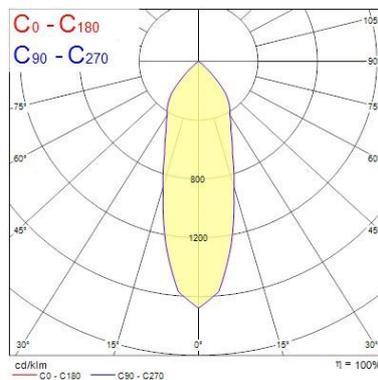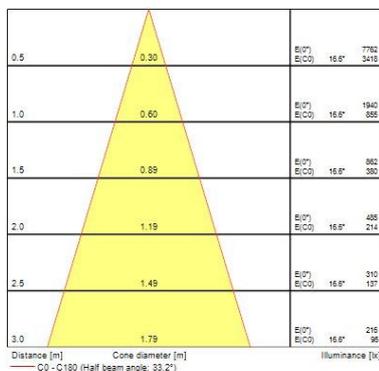
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TECHNICAL DRAWINGS

103

85
Ø95
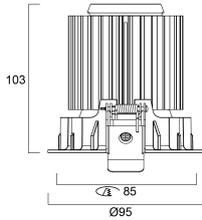
SYLVANIA 0060211

This luminaire contains built in LED lamps.

A++
A+
A
B
C
D
E

L
E
D

The lamps cannot be changed in the luminaire.

874/2012

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A++
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LED

874/2012