Expospot 90 cardan

EXPOSPOT 90 MONO HE RA90 3000K NB WHITE

0060324



Product features

- Integrated LED gimbal accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 25°, optics: aluminium reflector and lens combination, colour temperature: 3000K warm white, total system power: 28W, total fixture output: 2536lm, 91lm/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: 148x148mm, dimensions: 163x163x104mm, weight: 0.77kg.

PRODUCT OVERVIEW

IPC Code	0060324
Product name	EXPOSPOT 90 MONO HE RA90 3000K NB WHITE
Technology	LED
Housing	Aluminium
Mount	Recessed
Fixture rating	Enclosed
Environment	Internal
General application	Retail,
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4275806
Fixture luminous flux (lm)	2536
Luminaire efficacy (lm/W)	91
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Beam Angle (°)	25
Photobiological Risk Group	RG1
Total power consumption (W)	28
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	5410288603247
Lamps	No
Included lamp	INTEGRATED LED

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DATA TABLE

General data

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Optical data

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Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Beam Angle (°)	25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	28
Mains voltage (V)	230-240V~
Lamp power factor	0.92
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic
Control gear mounting	Remote
Dimmable	N
Drive current (mA)	700
Inrush Current (A)	19.4
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	35
Max. Luminaires per 20A C Breaker	45
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	17
Max. Luminaires per 16A B Breaker	21
Max. Luminaires per 20A B Breaker	27

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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

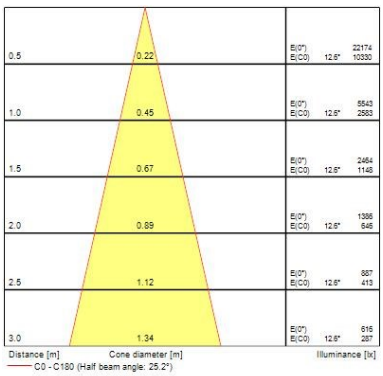
Physical data

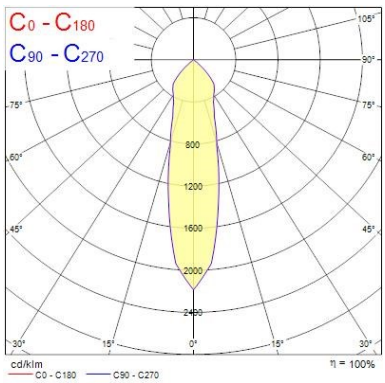
Housing colour	White
IP rating	IP20
IK rating	IK02
Reflector finish	Metalised
Nominal Product Length (mm)	163
Nominal Product Width (mm)	163
Nominal Product Height (mm)	104
Weight (kg)	0.77
Recessed Depth (mm)	104

Packaging

Single packaging type	Carton
Product EAN number	5410288603247
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05410288603247
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





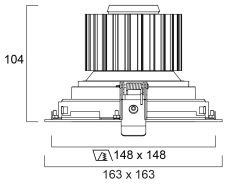
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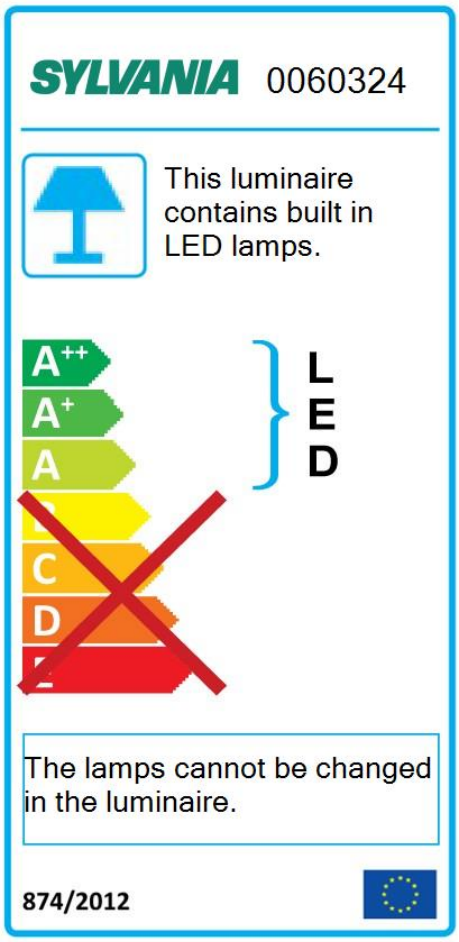
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TECHNICAL DRAWINGS



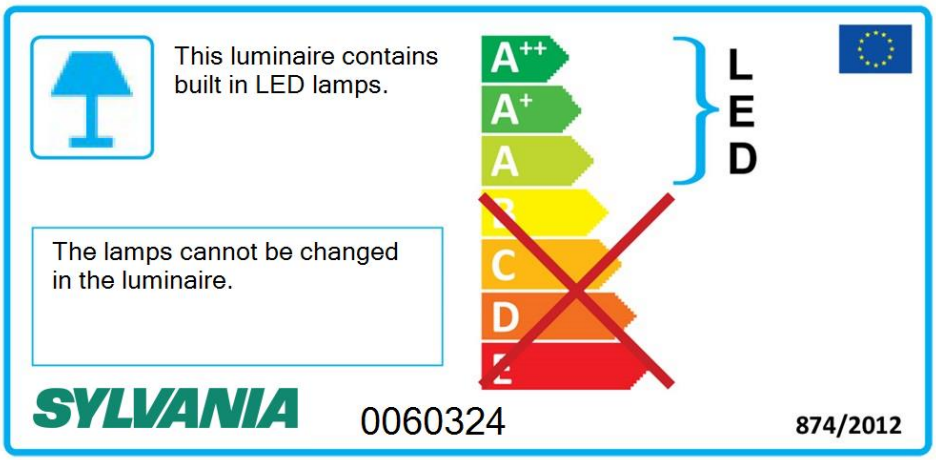


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