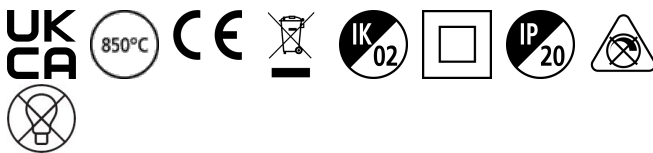


## Expospot 90 cardan square - Sylvania EXPOSPOT 90 DUO HE RA90 3000K MB WHITE 0060328



### Product features

- Integrated LED double gimbal accent downlight, duo head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 44°, optics: aluminium reflector and lens combination, colour temperature: 3000K warm white, total system power: 50W, total fixture output: 2x2573lm, 103lm/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: 148x292mm, dimensions: 163x307x104mm, weight: 2.1kg.



### PRODUCT OVERVIEW

Product name	EXPOSPOT 90 DUO HE RA90 3000K MB WHITE
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Environment	Indoor
General application	Retail
ETIM Class	EC001744
E-number FI	4275819
Warranty	5 years
Fixture luminous flux (lm)	2 x 2573
Luminaire efficacy (lm/W)	103
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	44
Photobiological Risk Group	RG1
Total power consumption (W)	50
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Dimming method	N/A
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5410288603285

## Expospot 90 cardan square - Sylvania

*EXPOSPOT 90 DUO HE RA90 3000K MB WHITE*  
0060328

### DATA TABLE

#### General data

<b>Product name</b>	EXPOSPOT 90 DUO HE RA90 3000K MB WHITE
<b>Technology</b>	LED
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling recessed mounting
<b>Fixture rating</b>	Enclosed
<b>Environment</b>	Indoor
<b>General application</b>	Retail
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>E-number FI</b>	4275819
<b>Warranty</b>	5 years

#### Optical data

<b>Fixture luminous flux (lm)</b>	2 x 2573
<b>Luminaire efficacy (lm/W)</b>	103
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	3000
<b>Light colour</b>	Warm White
<b>CRI (Ra)</b>	90
<b>Colour Variation Initial (SDCM)</b>	SDCM3
<b>Beam Angle (°)</b>	44
<b>Photobiological Risk Group</b>	RG1

#### Electrical data

<b>Total power consumption (W)</b>	50
<b>Mains voltage (V)</b>	230-240V
<b>Lamp power factor</b>	0.92
<b>Electrical protection</b>	Class II
<b>Control gear required</b>	No
<b>Control gear type</b>	Electronic ballast
<b>Control gear mounting</b>	Remote
<b>Dimmable</b>	No
<b>Dimming method</b>	N/A
<b>Drive current (mA)</b>	700
<b>Inrush Current (A)</b>	38.8
<b>Inrush Duration (µs)</b>	250
<b>Glow Wire Test (°C)</b>	850
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>Max. Luminaires per 10A C Breaker</b>	10
<b>Max. Luminaires per 13A C Breaker</b>	14
<b>Max. Luminaires per 16A C Breaker</b>	17
<b>Max. Luminaires per 20A C Breaker</b>	22
<b>Max. Luminaires per 10A B Breaker</b>	6
<b>Max. Luminaires per 13A B Breaker</b>	8
<b>Max. Luminaires per 16A B Breaker</b>	10

## Expospot 90 cardan square - Sylvania *EXPOSPOT 90 DUO HE RA90 3000K MB WHITE* 0060328

Max. Luminaires per 20A B Breaker 13

### Lifetime data

Lifespan L70 B50	60000
Lifespan L70 B20	60000
Lifespan L70 B10	60000
Lifespan L80 B50	60000
Lifespan L80 B20	60000
Lifespan L80 B10	60000
Lifespan L90 B50	60000
Lifespan L90 B20	60000
Lifespan L90 B10	55000

### Physical data

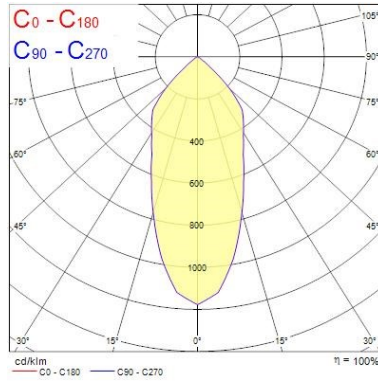
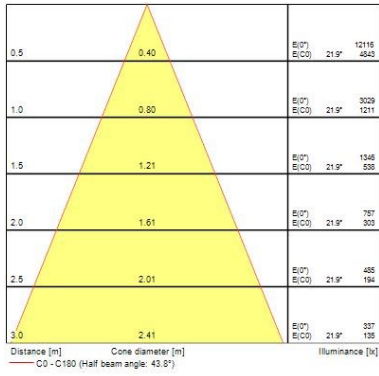
Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	307
Nominal Product Width (mm)	163
Nominal Product Height (mm)	104
Cutout Dimensions (W x L in mm or Diameter in mm)	148x292
Weight (kg)	2.1
Recessed Depth (mm)	104

### Packaging

Single packaging type	Carton
Product EAN number	5410288603285
Packaging single length / height (cm)	50.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05410288603285
Units per outer package	1
Packaging outer length / height (cm)	50.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	20.0

## PHOTOMETRY

## Expospot 90 cardan square - Sylvania EXPOSPOT 90 DUO HE RA90 3000K MB WHITE 0060328



### TECHNICAL DRAWINGS

