

Ludospot 50 Modules

LUDOSPOT 50 1000LM 940 MB DIM
0005304



Product features

- Integrated LED module 50mm, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 28°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 12W, total fixture output: 1000lm, 83lm/W, LOR: 100%, colour rendering: Ra 90 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, phase-dimmable, electrical protection: CLASS II, ingress protection rating: IP20, suitable for internal environment only, outer dimensions: Ø50x73mm. Suitable to be mounted only on dedicated Ludospot 50 housings accessories.



PRODUCT OVERVIEW

Product name	LUDOSPOT 50 1000LM 940 MB DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
Environment	Indoor
General application	Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	1000
Luminaire efficacy (lm/W)	83
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	28
Photobiological Risk Group	RG1
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	10
LED Flickering Rate	Medium (21% - 40%)
IP rating	IP20
IK rating	IK03
Product EAN number	5410288053042

DATA TABLE

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General data

Product name	LUDOSPOT 50 1000LM 940 MB DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
Environment	Indoor
General application	Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1000
Luminaire efficacy (lm/W)	83
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	28
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	12
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	25
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	10
Drive current (mA)	250
Inrush Current (A)	5
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	40
Max. Luminaires per 13A C Breaker	52
Max. Luminaires per 16A C Breaker	64
Max. Luminaires per 20A C Breaker	80
Max. Luminaires per 16A B Breaker	42

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Lifetime data

Lifespan L70 B50	100000
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Physical data

IP rating	IP20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Reflector finish	Silver
Nominal Product Height (mm)	73
Nominal Product Diameter (mm)	50
Weight (kg)	0.31

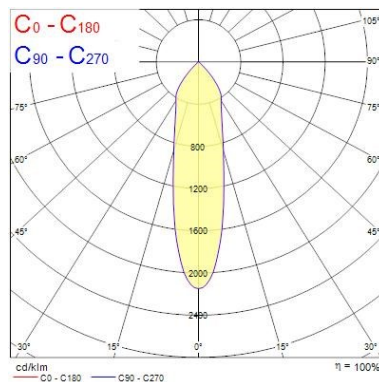
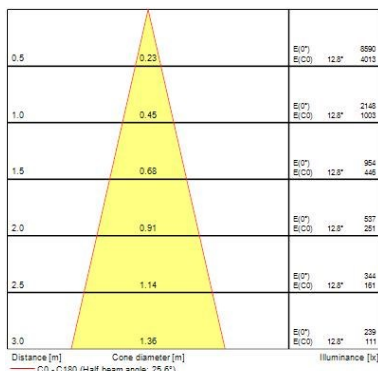
Packaging

Single packaging type	Carton
Product EAN number	5410288053042
Packaging single length / height (cm)	15.0
Packaging single width (cm)	9.5
Packaging single depth (cm)	6.0
DUN14 (outer)	15410288053049
Units per outer package	20
Packaging outer length / height (cm)	31.5
Packaging outer width (cm)	20.5
Packaging outer depth (cm)	32.5

Safety data

Optimal operating condition (°C)	-20-40
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PHOTOMETRY



TECHNICAL DRAWINGS

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