

Ludospot 50 Modules

LUDOSPOT 50 940LM 940 WB DIM
0005306



Product features

- Integrated LED module 50mm, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 40°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 12W, total fixture output: 940lm, 78lm/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 940LM 940 WB 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)	940
Luminaire efficacy (lm/W)	78
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	40
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	5410288053066

DATA TABLE

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General data

Product name	LUDOSPOT 50 940LM 940 WB 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)	940
Luminaire efficacy (lm/W)	78
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	40
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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