



Features

• Integrated LED module 111mm, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 38°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 38W, total fixture output: 3550lm, 93lm/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, non-dimmable as standard, electrical protection: CLASS II, ingress protection rating: IP20, suitable for internal environment only, outer dimensions: Ø111x80mm. Suitable to be mounted only on dedicated Ludospot 111 housings accessories.

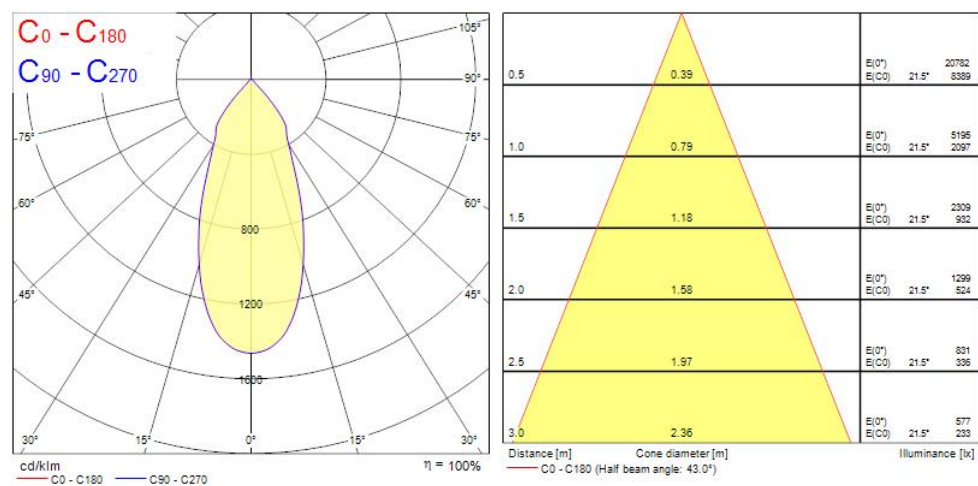
Product Overview

Product name	LUDOSPOT 111 3550LM 940 MB
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
Environment	Indoor
General application	Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	3550
Luminaire efficacy (lm/W)	93
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Beam Angle (°)	38
Glare control	< 25

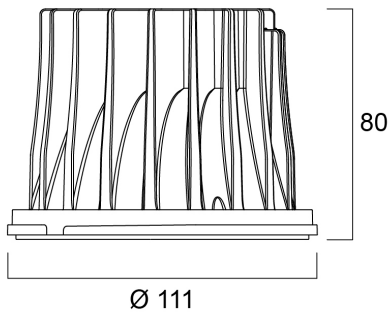
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Photobiological Risk Group	RG1
Total power consumption (W)	38
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
IP rating	IP20
IK rating	IK03
Product EAN number	5410288053349
Warranty	5 years
Dimming method	N/A
Colour Code	940

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	LUDOSPOT 111 3550LM 940 MB
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)	3550
Luminaire efficacy (lm/W)	93

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Correlated colour temperature (k)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Beam Angle (°)	38
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	38
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) < xx.x %	20
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	950
Inrush Current (A)	25
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	20
Max. products per 13A C Breaker	26
Max. products per 16A C Breaker	32
Max. products per 20A C Breaker	40
Max. products per 16A B Breaker	17



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LIFETIME DATA

Lifespan L70 B50	50000
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PHYSICAL DATA

IP rating	IP20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Height (mm)	80
Nominal Product Diameter (mm)	111
Weight (kg)	0.6

PACKAGING

Product EAN number	5410288053349
Packaging single length / height (cm)	15.0
Packaging single width (cm)	13.5
Packaging single depth (cm)	8.7
DUN14 (inner)	15410288053346
Units per outer package	20
Packaging outer length / height (cm)	46.0
Packaging outer width (cm)	31.5
Packaging outer depth (cm)	28.5

SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No