

Ludspot 50 940LM 940 WB DIM

Item No: 0005306

SYLVANIA

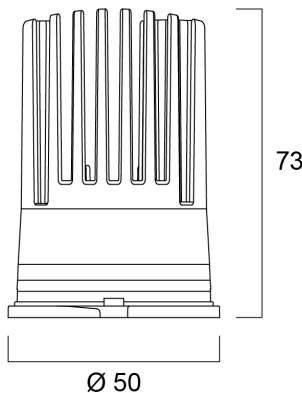
PROTM



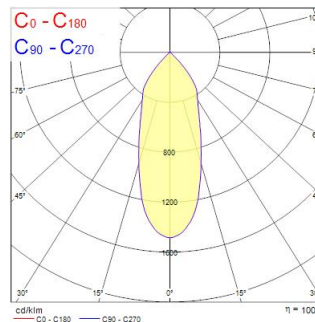
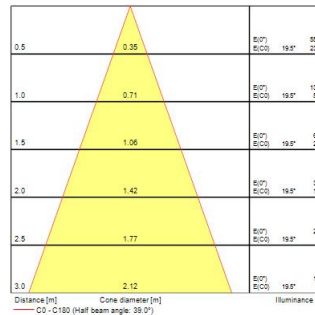
Integrated LED module 50mm, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 40°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 12W, total fixture output: 940lm, 78lm/W, LOR: 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.

Technical Assets

Dimensions (mm)



Photometrics



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General data

Product name	Ludspot 50 940LM 940 WB DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
Built in presence detector	NONE
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
Correlated 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
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 %	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
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. products per 10A C Breaker	40
Max. products per 13A C Breaker	52
Max. products per 16A C Breaker	64
Max. products per 20A C Breaker	80
Max. products per 16A B Breaker	42

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	Not Applicable
Nominal Product Height (mm)	73
Nominal Product Diameter (mm)	50
Weight (kg)	0.31

Packaging

Product EAN number	5410288053066
Packaging single length / height (cm)	15.0
Packaging single width (cm)	9.5
Packaging single depth (cm)	6.0
DUN14 (inner)	15410288053063
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

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40