

# Ludspot 50 940LM 940 WB DIM

Code article 0005306

**SYLVANIA**

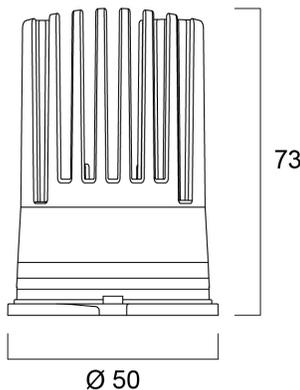
**PRO**<sup>TM</sup>



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 Ludspot 50 housings accessories.

## Atouts techniques

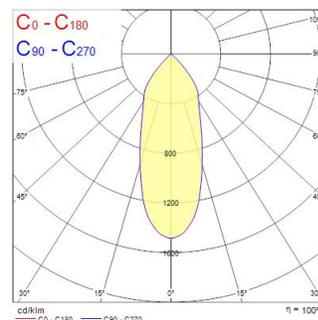
### Dimensions (mm)



### Photométrie

Distance [m]	Cone diameter [m]	Beam diameter [mm]	Beam angle [°]	Illuminance [lx]
0.5	0.35	Ø35	39.0°	531
1.0	0.71	Ø71	39.0°	133
1.5	1.06	Ø106	39.0°	72
2.0	1.42	Ø142	39.0°	42
2.5	1.77	Ø177	39.0°	27
3.0	2.12	Ø212	39.0°	18

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 39.0°)



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## Données générales

Nom du produit	Ludspot 50 940LM 940 WB DIM
Technologie	LED
Cap/Base	N/A
Housing	Aluminium
Montage	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 ans

## Données optiques

Fixture luminous flux (lm)	940
Luminaire efficacy (lm/W)	78
Température de couleur (K)	4000
Colour Code	940
Couleur de lumière	Neutral White
IRC (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	40
Distribution type	Symmetric
Photobiological Risk Group	RG1

## Caractéristiques électriques

Consommation électrique totale (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
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	10
Drive current (mA)	250
Courant d'appel (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

## Durée de vie

Lifespan L70 B50 | 100000

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## Données physiques

IP rating	IP20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Finition réflecteur	Not Applicable
Nominal Product Height (mm)	73
Nominal Product Diameter (mm)	50
Poids (kg)	0.31

## Emballage

Product EAN number	5410288053066
Longueur simple de l'emballage (cm)	15.0
Largeur simple de l'emballage (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

## Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	-20-40