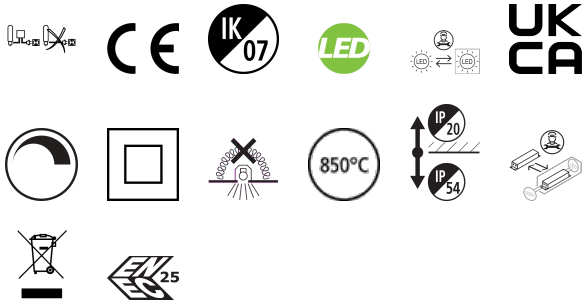


Insaver UGR19 IP54 150 1150lm 840 DALI

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SYLVANIA

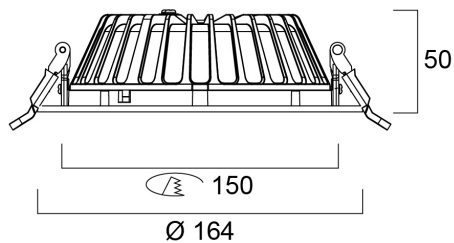
PROTM



The INSAVER U19 IP54 150 1150LM 840 DALI is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>80, Colour temperature: 4000 Neutral White, Class II, Protection rating IP54/IP20, Cut out dimensions: 150mm.

Technical Assets

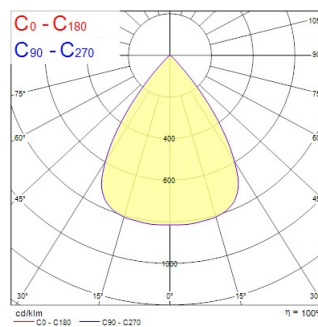
Dimensions (mm)



Photometrics

0.5	0.00	50°	50°	3147	3147
1.0	0.00	50°	50°	997	997
1.5	0.00	50°	50°	416	416
2.0	0.00	50°	50°	234	234
2.5	0.00	50°	50°	180	180
3.0	0.00	50°	50°	104	104

Distance [m] Cone diameter [m]
C0 - C180 (half beam angle: 0.0°)



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General data

Product name	Insaver UGR19 IP54 150 1150lm 840 DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4170689
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1150
Luminaire efficacy (lm/W)	128
Correlated colour temperature (k)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	9
Supply current (A)	0.039
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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	Yes
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	300
Inrush Current (A)	3.62
Inrush Duration (µs)	45
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	58
Max. products per 13A C Breaker	77
Max. products per 16A C Breaker	93
Max. products per 20A C Breaker	118
Max. products per 10A B Breaker	58
Max. products per 13A B Breaker	77
Max. products per 16A B Breaker	93
Max. products per 20A B Breaker	118
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	2.5

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	50000

Physical data

Housing colour	RAL 9010 - Pure white
IP rating	IP54/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Height (mm)	50
Nominal Product Diameter (mm)	165
Built-in diameter (mm)	150
Weight (kg)	0.51
Recessed Depth (mm)	150

Packaging

Product EAN number	5410288305738
Packaging single length / height (cm)	24.5
Packaging single width (cm)	21.5
Packaging single depth (cm)	8.5
DUN14 (inner)	15410288305735
Units per outer package	20
Packaging outer length / height (cm)	51.0
Packaging outer width (cm)	45.0
Packaging outer depth (cm)	45.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-40