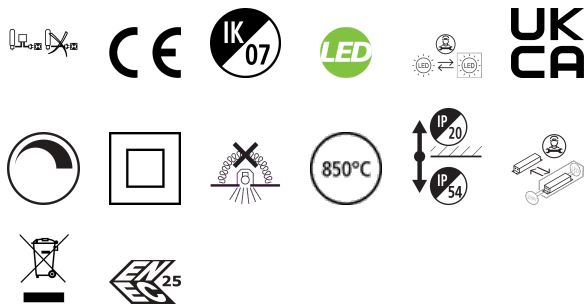


# Insaver UGR19 IP54 150 1150lm 840 DALI

Item No: 0030573

**SYLVANIA**

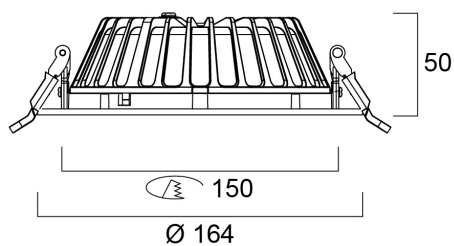
**PRO**<sup>TM</sup>



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

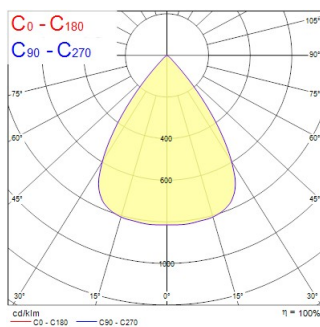
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.00	Ø171	Ø171	3147
		Ø180	Ø180	3147
1.0	0.00	Ø171	Ø171	987
		Ø180	Ø180	987
1.5	0.00	Ø171	Ø171	416
		Ø180	Ø180	416
2.0	0.00	Ø171	Ø171	234
		Ø180	Ø180	234
2.5	0.00	Ø171	Ø171	150
		Ø180	Ø180	150
3.0	0.00	Ø171	Ø171	104
		Ø180	Ø180	104

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 0.07°)



# Insaver UGR19 IP54 150 1150lm 840 DALI

Item No: 0030573

**SYLVANIA**

## 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 (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

# Insaver UGR19 IP54 150 1150lm 840 DALI

Item No: 0030573

**SYLVANIA**

## 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