

# Insaver UGR19 IP54 200 2400lm 840 DALI Square

Item No: 0030581

**SYLVANIA**

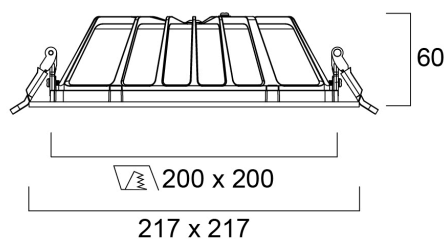
**PRO**<sup>TM</sup>



The INSAVER UGR19 IP54 200 2400lm 840 DALI Square 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: 200mm.

## Technical Assets

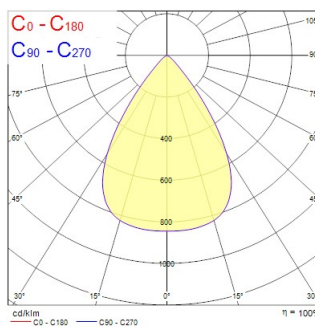
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.00	0.07	0.07	8100
1.0	0.00	0.14	0.14	2025
1.5	0.00	0.21	0.21	900
2.0	0.00	0.28	0.28	506
2.5	0.00	0.35	0.35	364
3.0	0.00	0.42	0.42	273

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



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## General data

Product name	Insaver UGR19 IP54 200 2400lm 840 DALI Square
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	4170696
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	126
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)	19
Supply current (A)	0.083
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)	600
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 L70 B20	90000
Lifespan L70 B10	90000
Lifespan L80 B50	100000
Lifespan L80 B20	88000
Lifespan L80 B10	80000
Lifespan L90 B50	50000
Lifespan L90 B20	43000
Lifespan L90 B10	39000

## 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 Length (mm)	217
Nominal Product Width (mm)	217
Nominal Product Height (mm)	60
Weight (kg)	0.86
Recessed Depth (mm)	150

## Packaging

Product EAN number	5410288305813
Packaging single length / height (cm)	26.5
Packaging single width (cm)	25.5
Packaging single depth (cm)	8.0
DUN14 (inner)	15410288305810
Units per outer package	12
Packaging outer length / height (cm)	55.0
Packaging outer width (cm)	53.0
Packaging outer depth (cm)	26.5

## Safety data

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