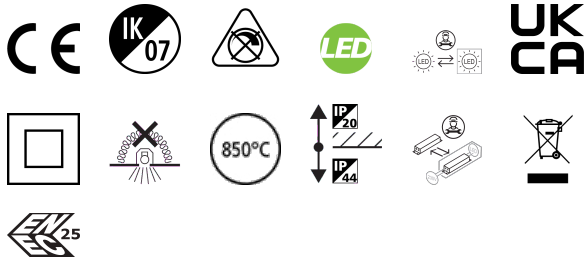


# Insaver Slim Square UGR19 200 IP54 2250lm 830

Item No: 0030314

**SYLVANIA**

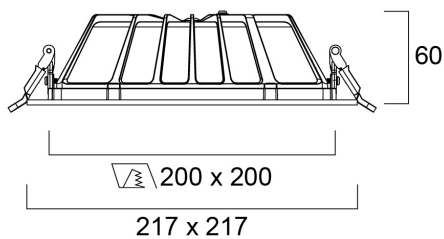
**PRO**<sup>TM</sup>



Insaver Slim is a ceiling recessed LED downlight (IP54 from the front), Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver, 20W; 2250lm; 113lm/W; 3000K; UGR <19 with shallow product depth 65mm. Meets TP(a) requirements.

## Technical Assets

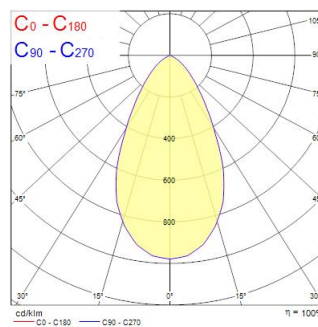
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E(0°)	E(C0°)	E(C90°)	E(C180°)	Illuminance [lx]
0.5	0.54	8700	2814	2814	2814	2814
1.0	1.08	2180	704	704	704	704
1.5	1.62	974	302	302	302	302
2.0	2.16	548	173	173	173	173
2.5	2.70	351	110	110	110	110
3.0	3.24	243	75	75	75	75

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 56.3°)



# Insaver Slim Square UGR19 200 IP54 2250lm 830

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**SYLVANIA**

## General data

Product name	Insaver Slim Square UGR19 200 IP54 2250lm 830
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	4276929
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	2250
Luminaire efficacy (lm/W)	113
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	57
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	20
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 type	LED driver constant current
No. of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	17.2
Inrush Duration (µs)	200
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	20
Max. products per 13A C Breaker	26
Max. products per 16A C Breaker	32
Max. products per 20A C Breaker	40
Max. products per 10A B Breaker	12
Max. products per 13A B Breaker	15
Max. products per 16A B Breaker	19
Max. products per 20A B Breaker	24
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.19
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.19

## Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B20	90000
Lifespan L90 B10	39000

# Insaver Slim Square UGR19 200 IP54 2250lm 830

Item No: 0030314

**SYLVANIA**

## Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
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
Built-in diameter (mm)	200
Weight (kg)	0.8
Recessed Depth (mm)	150

## Packaging

Product EAN number	5410288303147
Packaging single length / height (cm)	25.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	8.0
DUN14 (inner)	15410288303144
Units per outer package	12
Packaging outer length / height (cm)	51.5
Packaging outer width (cm)	51.5
Packaging outer depth (cm)	26.0

## Safety data

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