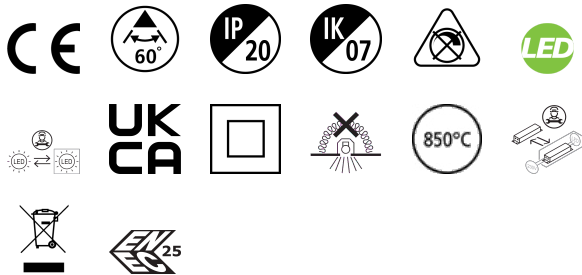


# Insaver Slim UGR19 220 2400lm 840 Surface

Item No: 0030319

**SYLVANIA**

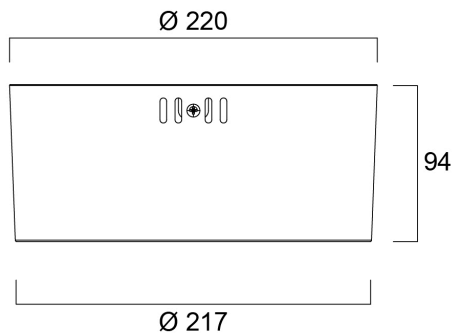
**PRO**<sup>TM</sup>



Insaver Slim is a surface mounted LED downlight ,Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver, 20W; 2400lm; 120lm/W; 4000K; UGR <19 with height of 95 mm. Meets TP(a) requirements.

## Technical Assets

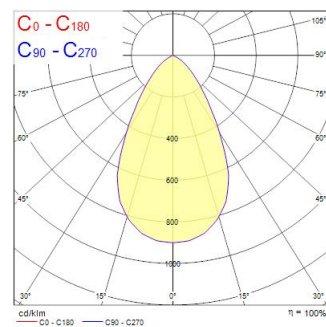
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E(0°)	E(C0)	E(C90)	E(C180)	Illuminance [lx]
0.5	0.59	8596	8596	3038	2149	2149
1.0	1.16	2149	2149	807	575	575
1.5	1.77	955	955	339	245	245
2.0	2.36	537	537	192	139	139
2.5	2.95	344	344	124	90	90
3.0	3.53	259	259	93	68	68

Distance [m] Cone diameter [m]  
 C0 - C180 (Half beam angle: 61.0°)  
 Illuminance [lx]



# Insaver Slim UGR19 220 2400lm 840 Surface

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**SYLVANIA**

## General data

Product name	Insaver Slim UGR19 220 2400lm 840 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface 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	4278058
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	120
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	20
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 %	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> )	0.24
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.24

## Lifetime data

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

# Insaver Slim UGR19 220 2400lm 840 Surface

Item No: 0030319

**SYLVANIA**

## Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	220
Weight (kg)	1.65

## Packaging

Product EAN number	5410288303192
Packaging single length / height (cm)	22.6
Packaging single width (cm)	22.6
Packaging single depth (cm)	10.3
DUN14 (inner)	15410288303199
Units per outer package	8
Packaging outer length / height (cm)	45.5
Packaging outer width (cm)	23.5
Packaging outer depth (cm)	43.0

## Safety data

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