

# Insaver Slim U19 IP54 205 Multipower 650-2000lm840

Item No: 0030453

**SYLVANIA**

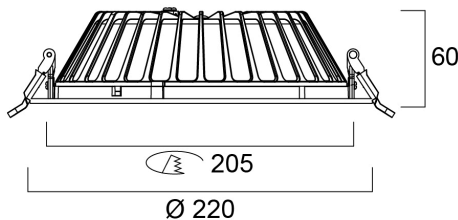
**PRO**<sup>TM</sup>



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, 4000K; UGR <19 with shallow product depth 60mm. The range features a multipower functionality where the luminous flux of the luminaire can be tailored to local needs by only setting a quick selector switch on the driver. 8 steps available with adjustable lumen output of 650 – 2000lm at 4000K. Meets TP(a) requirements.

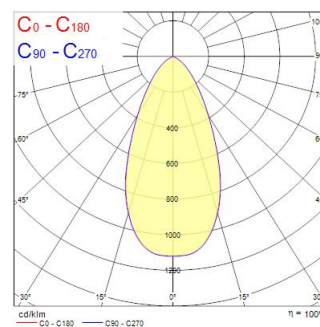
## Technical Assets

### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.48	61.0°	0.96	3.15	299
	0.48	E1C90 25.8°	0.96	3.15	100
		E1C00 25.8°	0.96	3.15	104
1.0	0.96	61.0°	1.92	6.25	75
	0.96	E1C90 25.8°	1.92	6.25	275
		E1C00 25.8°	1.92	6.25	279
1.5	1.44	61.0°	2.88	9.45	33
	1.43	E1C90 25.8°	2.86	9.38	122
		E1C00 25.8°	2.86	9.38	124
2.0	1.92	61.0°	3.84	12.45	19
	1.91	E1C90 25.8°	3.82	12.36	69
		E1C00 25.8°	3.82	12.36	71
2.5	2.40	61.0°	4.80	15.75	15
	2.38	E1C90 25.8°	4.76	15.61	44
		E1C00 25.8°	4.76	15.61	45
3.0	2.88	61.0°	5.76	18.90	12
	2.86	E1C90 25.8°	5.72	18.77	31
		E1C00 25.8°	5.72	18.77	31



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## General data

Product name	Insaver Slim U19 IP54 205 Multipower 650-2000lm840
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	4278487
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	121
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)	16.5
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	500
Inrush Current (A)	10
Inrush Duration (µs)	100
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	38
Max. products per 13A C Breaker	47
Max. products per 16A C Breaker	57
Max. products per 20A C Breaker	66
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.54
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.54

## Lifetime data

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

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## 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 Height (mm)	60
Nominal Product Diameter (mm)	220
Weight (kg)	0.73

## Packaging

Product EAN number	5410288304533
Packaging single length / height (cm)	23.2
Packaging single width (cm)	23.2
Packaging single depth (cm)	8.0
DUN14 (inner)	15410288304530
Units per outer package	12
Packaging outer length / height (cm)	48.0
Packaging outer width (cm)	48.0
Packaging outer depth (cm)	26.0

## Safety data

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