

Insaver Slim U19 IP54 205 Multipower 620-1900lm830

Item No: 0030452

SYLVANIA

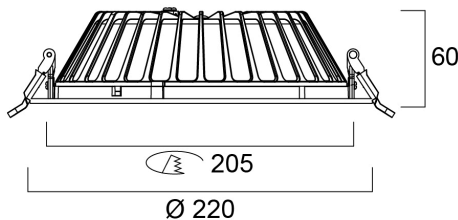
PROTM



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, 3000K; 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 620 – 1900lm at 3000K . Meets TP(a) requirements.

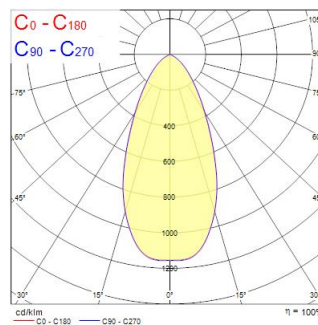
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Illuminance [lx]
0.5	0.46	49.2°	0.46	1.48	5.87	3024
		49.4°		1.42	5.61	1442
		49.6°		1.38	5.36	1044
1.0	0.92	49.2°	0.92	3.00	11.81	756
		49.4°		2.84	10.97	360
		49.6°		2.70	10.24	251
1.5	1.38	49.2°	1.38	4.50	17.72	432
		49.4°		4.28	16.65	288
		49.6°		4.14	16.30	211
2.0	1.84	49.2°	1.84	6.00	23.62	225
		49.4°		5.76	22.36	150
		49.6°		5.58	21.57	113
2.5	2.30	49.2°	2.30	7.50	31.50	144
		49.4°		7.14	29.23	90
		49.6°		6.90	28.23	68
3.0	2.76	49.2°	2.76	9.00	36.00	100
		49.4°		8.57	33.81	60
		49.6°		8.34	32.91	45



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General data

Product name	Insaver Slim U19 IP54 205 Multipower 620-1900lm830
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	4278486
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1900
Luminaire efficacy (lm/W)	115
Correlated colour temperature (k)	3000
Light colour	Warm 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 ²)	0.53
Connectable conductor cross section - Max (mm ²)	1.53

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	5410288304526
Packaging single length / height (cm)	23.2
Packaging single width (cm)	23.2
Packaging single depth (cm)	8.0
DUN14 (inner)	15410288304523
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