

INSAVER UGR19 220 2350LM 830 SM

Item No: 0030516

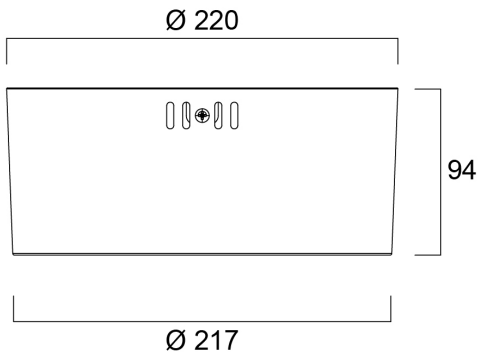
SYLVANIA

PRO



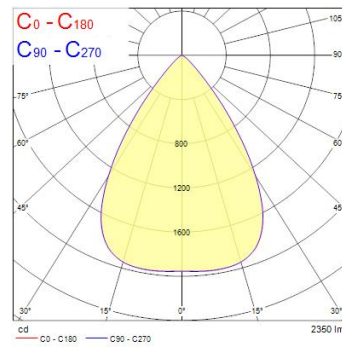
Technical Assets

Dimensions (mm)



Photometrics

Distance (m)	Beam Diameter (mm)	Beam Area (cm²)	Beam Area (ft²)
0.5	6.9	47.6	0.54
1.0	13.8	190.4	2.16
1.5	20.7	429.7	4.83
2.0	27.6	760.4	8.33
2.5	34.5	1187.5	12.91
3.0	41.4	1712.0	18.60



INSAVER UGR19 220 2350LM 830 SM

Item No: 0030516



General data

Product name	INSAVER UGR19 220 2350LM 830 SM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4278545
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	2350
Fixture luminous flux (lm)	2350
Luminaire efficacy (lm/W)	118
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	20
Primary Supply/Product voltage - min (V)	220.0
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	LED driver constant current
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	20
Inrush Duration (µs)	101
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 16A C Breaker	57
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	100000
Lifespan L80 B20	88000
Lifespan L80 B10	80000
Lifespan L90 B50	50000
Lifespan L90 B20	43000
Lifespan L90 B10	39000

INSAVER UGR19 220 2350LM 830 SM

Item No: 0030516

SYLVANIA

Physical data

Housing colour	RAL 9010 - Pure white
IP rating	IP20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Height (mm)	95
Nominal Product Diameter (mm)	220
Weight (kg)	1.65

Packaging

Product EAN number	5410288305165
Packaging single width (cm)	22.6
Packaging single depth (cm)	10.3
DUN14 (inner)	15410288305162
Packaging outer length / height (cm)	45.5

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40