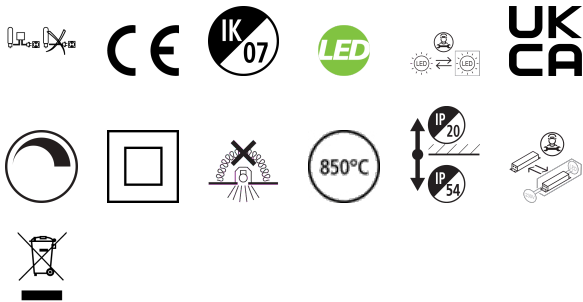


Insaver UGR19 IP54 200 2500lm 840 DALI Square

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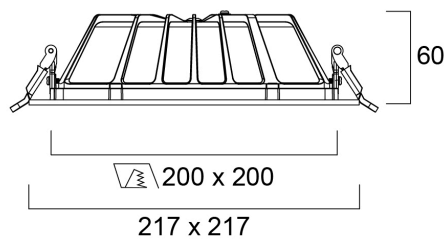
PROTM



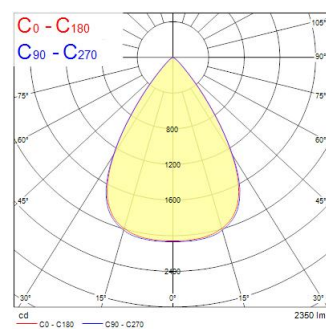
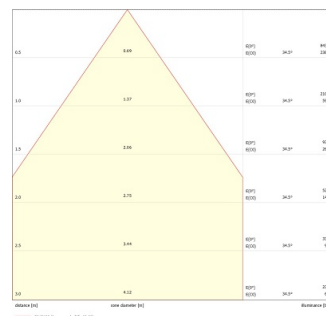
Insaver is a ceiling recessed LED downlight (IP54 from the front), Die-cast aluminium body, loop in loop out connector for quick installation, Dimmable DALI driver of TRIDONIC (LCA 25W 350–1050mA one4all SR PRE 28000671), 20W; 2500lm; 125lm/W; 4000K; UGR <19 with shallow product depth 65mm. Meets TP(a) requirements.

Technical Assets

Dimensions (mm)



Photometrics



Insaver UGR19 IP54 200 2500lm 840 DALI Square

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General data

Product name	Insaver UGR19 IP54 200 2500lm 840 DALI Square
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)	-20°C...+40°C
Performance ambient temperature Tq (°C)	40
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4278544
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	125
Correlated colour temperature (k)	4000
Colour Code	840
Light colour	Neutral 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
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.94
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	7
Electrical protection	Class II
Control gear required	Yes
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	600
Inrush Current (A)	25
Inrush Duration (µs)	141
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	31
Max. products per 13A C Breaker	40
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	24
Max. products per 16A B Breaker	31
Max. products per 20A B Breaker	40
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	2.5

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Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	90000
Lifespan L70 B10	90000
Lifespan L80 B50	100000
Lifespan L80 B20	88000
Lifespan L80 B10	80000
Lifespan L90 B50	50000
Lifespan L90 B20	43000
Lifespan L90 B10	39000

Physical data

Housing colour	RAL 9010 - Pure white
IP rating	IP54/20
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
Weight (kg)	0.8
Recessed Depth (mm)	150

Packaging

Product EAN number	5410288305431
Packaging single length / height (cm)	25.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	8.0
DUN14 (inner)	15410288305438
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)	-20-40