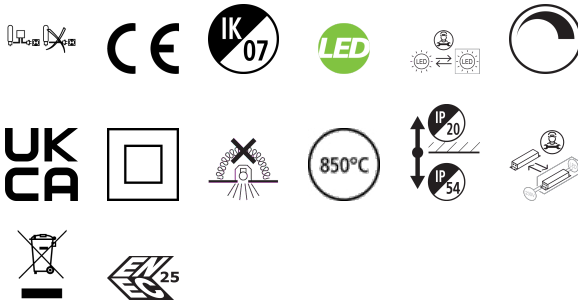


Insaver IP54 225 5200lm 840 DALI

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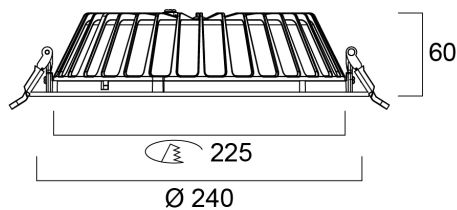
PROTM



The INSAVER IP54 225 5200LM 840 DALI is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>80, Colour temperature: 4000 Neutral White, Class II, Protection rating IP54/IP20, Cut out dimensions: 225mm.

Technical Assets

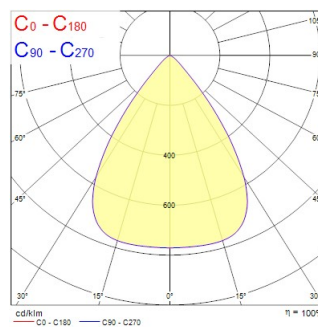
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam illuminance [lx]
0.5	0.00	50°	0.00	0.00	18000
1.0	0.00	50°	0.00	0.00	4500
1.5	0.00	50°	0.00	0.00	1782
2.0	0.00	50°	0.00	0.00	1102
2.5	0.00	50°	0.00	0.00	641
3.0	0.00	50°	0.00	0.00	445

Distance [m] Cone diameter [m]
C0 - C180 (half beam angle: 0.0°)



Insaver IP54 225 5200lm 840 DALI

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General data

Product name	Insaver IP54 225 5200lm 840 DALI
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	4170695
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5200
Luminaire efficacy (lm/W)	130
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	< 22
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	40
Supply current (A)	0.174
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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 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)	1050
Inrush Current (A)	3.52
Inrush Duration (µs)	30
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	41
Max. products per 13A C Breaker	53
Max. products per 16A C Breaker	65
Max. products per 20A C Breaker	81
Max. products per 10A B Breaker	41
Max. products per 13A B Breaker	53
Max. products per 16A B Breaker	65
Max. products per 20A B Breaker	81
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	2.5

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	50000

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 Height (mm)	60
Nominal Product Diameter (mm)	240
Built-in diameter (mm)	225
Weight (kg)	0.89
Recessed Depth (mm)	150

Packaging

Product EAN number	5410288305790
Packaging single length / height (cm)	26.5
Packaging single width (cm)	26.0
Packaging single depth (cm)	8.5
DUN14 (inner)	15410288305797
Units per outer package	12
Packaging outer length / height (cm)	55.0
Packaging outer width (cm)	54.0
Packaging outer depth (cm)	28.0

Safety data

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