

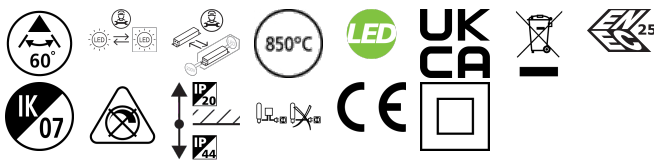
## INSAVER SLIM 175

Insaver Slim UGR19 175 IP44 1600lm 840

0030303

### Product features

- Insaver Slim is a ceiling recessed LED downlight (IP44 from the front), Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver, 13W; 1600lm; 123lm/W; 4000K; UGR <19 with shallow product depth 60mm. Meets TP(a) requirements.



### PRODUCT OVERVIEW

Product name	Insaver Slim UGR19 175 IP44 1600lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4276917
Warranty	5 years
Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	123
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Beam Angle (°)	NA
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	13
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303031

### DATA TABLE

## INSAVER SLIM 175

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### General data

Product name	Insaver Slim UGR19 175 IP44 1600lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
E-number FI	4276917
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	123
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Beam Angle (°)	NA
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	13
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
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	390
Inrush Current (A)	17.5
Inrush Duration (µs)	188
Glow Wire Test (°C)	850
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	22
Max. products per 13A C Breaker	27
Max. products per 16A C Breaker	34

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Max. products per 20A C Breaker	42
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	16
Max. products per 16A B Breaker	20
Max. products per 20A B Breaker	25
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.8
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.8

### Lifetime data

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

### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Silver
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	193
Cutout Dimensions (W x L in mm or Diameter in mm)	175
Weight (kg)	0.55
Recessed Depth (mm)	150

### Packaging

Single packaging type	Carton
Product EAN number	5410288303031
Packaging single length / height (cm)	20.5
Packaging single width (cm)	20.5
Packaging single depth (cm)	7.3
DUN14 (outer)	15410288303038
Units per outer package	16
Packaging outer length / height (cm)	42.5
Packaging outer width (cm)	42.5
Packaging outer depth (cm)	31.0

### Safety data

Optimal operating condition (°C)	-10-40
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## PHOTOMETRY

