

## Insaver LED II 150 Surface Mounted

*Insaver LED II 150 Low Output NW EB Surface*  
3098169



### Product features

- Surface mounted circular LED downlight with up to 114lm/W efficacy and 2,400 luminaire lumen output. 208mm height (299mm with E3 unit) with a 188mm diameter. IP44 or UGR<19 compliant with additional accessories. 3 hour emergency and recessed versions available.



### PRODUCT OVERVIEW

Product name	Insaver LED II 150 Low Output NW EB Surface
Technology	LED
Mount	Ceiling surface mounting
Environment	Internal
General application	Office
ETIM Class	EC001744
E-number FI	4271352
E-number SE	7464714
Warranty	5 years
Fixture luminous flux (lm)	1940
Luminaire efficacy (lm/W)	114
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	76
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	17
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	No
Dimming method	N/A
Housing colour	White
IP rating	IP23
IK rating	IK02
Product EAN number	8711971981695

### DATA TABLE

#### General data

Product name	Insaver LED II 150 Low Output NW EB Surface
Technology	LED

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Mount	Ceiling surface mounting
Environment	Internal
General application	Office
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4271352
E-number SE	7464714
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	1940
Luminaire efficacy (lm/W)	114
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	76
Glare control	< 19
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	17
Mains voltage (V)	220-240V
Electrical protection	Class I
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	No
Dimming method	N/A
Drive current (mA)	700
Inrush Current (A)	20
Inrush Duration (µs)	140
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	40
Max. Luminaires per 13A C Breaker	56
Max. Luminaires per 16A C Breaker	64
Max. Luminaires per 20A C Breaker	80
Max. Luminaires per 10A B Breaker	21
Max. Luminaires per 13A B Breaker	28
Max. Luminaires per 16A B Breaker	35
Max. Luminaires per 20A B Breaker	44

### Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000

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Lifespan L90 B10	60000
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#### Physical data

Housing colour	White
IP rating	IP23
IK rating	IK02
Reflector finish	High-gloss
Nominal Product Length (mm)	198
Nominal Product Width (mm)	198
Nominal Product Height (mm)	208
Weight (kg)	1.256

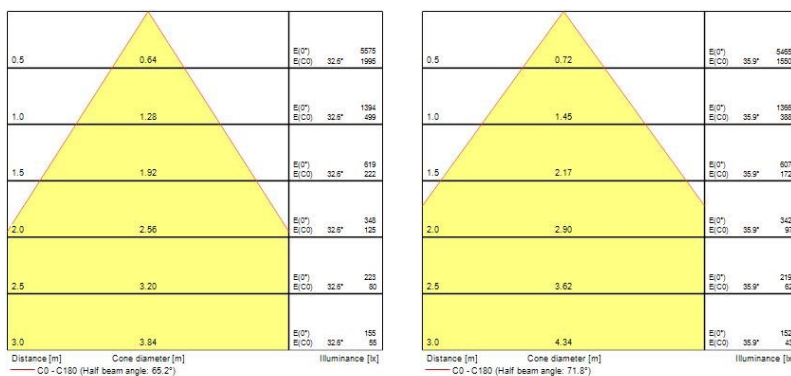
#### Packaging

Single packaging type	Carton
Product EAN number	8711971981695
Packaging single length / height (cm)	32.1
Packaging single width (cm)	20.5
Packaging single depth (cm)	20.5
DUN14 (outer)	08711971981695
Units per outer package	1
Packaging outer length / height (cm)	32.1
Packaging outer width (cm)	20.5
Packaging outer depth (cm)	20.5

#### Safety data

Optimal operating condition (°C)	0-25
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## PHOTOMETRY



## TECHNICAL DRAWINGS

## Insaver LED II 150 Surface Mounted

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