

## Insaver LED II 150

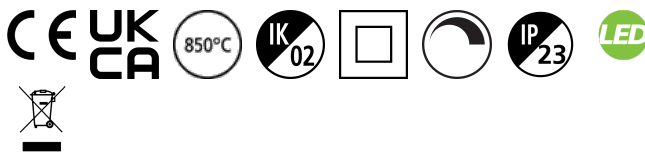
*Insaver LED II 150 Low Output WW 1-10*

3098102



### Product features

- Circular LED downlight with up to 114lm/W efficacy and 2,400 luminaire lumen output. Innovative easy installation system allows for a rapid, single point installation. For 150mm cut outs. IP44 or UGR<19 compliant with additional accessories. 3 hour emergency and surface mounted versions available. Plus3 version includes Wieland GST connector.



### PRODUCT OVERVIEW

Product name	Insaver LED II 150 Low Output WW 1-10
Technology	LED
Housing	AGC (advanced graphite composite)
Mount	Ceiling recessed mounting
Environment	Internal
General application	Office
ETIM Class	EC001744
E-number FI	4271285
E-number SE	7464703
Warranty	5 years
Fixture luminous flux (lm)	1650
Luminaire efficacy (lm/W)	97
LOR (%)	100
Colour temperature (K)	3000
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 II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	1-10V (Analogue)
Housing colour	White
IP rating	IP23
IK rating	IK02
Product EAN number	8711971981022

### DATA TABLE

General data

Product name	Insaver LED II 150 Low Output WW 1-10
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Technology	LED
Housing	AGC (advanced graphite composite)
Mount	Ceiling recessed 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	4271285
E-number SE	7464703
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	1650
Luminaire efficacy (lm/W)	97
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	76
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	17
Mains voltage (V)	220-240V
Electrical protection	Class II
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	Yes
Dimming method	1-10V (Analogue)
Drive current (mA)	700
Inrush Current (A)	45
Inrush Duration (µs)	20
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	50
Max. Luminaires per 13A C Breaker	65
Max. Luminaires per 16A C Breaker	80
Max. Luminaires per 20A C Breaker	100
Max. Luminaires per 10A B Breaker	30
Max. Luminaires per 13A B Breaker	39
Max. Luminaires per 16A B Breaker	48
Max. Luminaires per 20A B Breaker	60

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### Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	60000

### Physical data

Housing colour	White
IP rating	IP23
IK rating	IK02
Reflector finish	High-gloss
Nominal Product Length (mm)	169
Nominal Product Width (mm)	169
Nominal Product Height (mm)	87
Cutout Dimensions (W x L in mm or Diameter in mm)	150
Weight (kg)	0.6

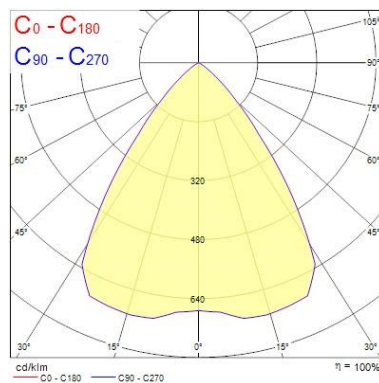
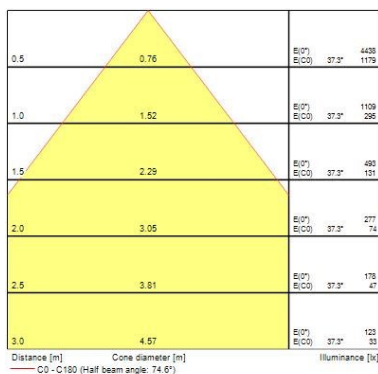
### Packaging

Single packaging type	Carton
Product EAN number	8711971981022
Packaging single length / height (cm)	25.4
Packaging single width (cm)	22.8
Packaging single depth (cm)	11.7
DUN14 (outer)	08711971981022
Units per outer package	1
Packaging outer length / height (cm)	25.4
Packaging outer width (cm)	22.8
Packaging outer depth (cm)	11.7

### Safety data

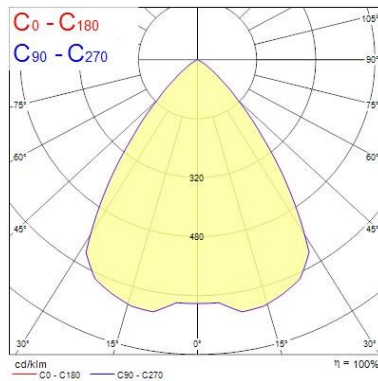
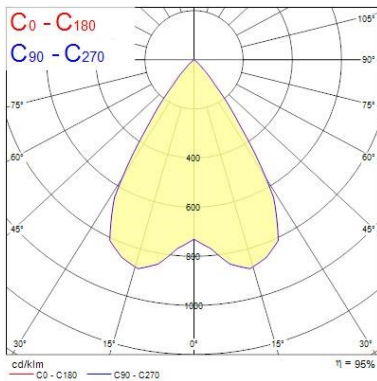
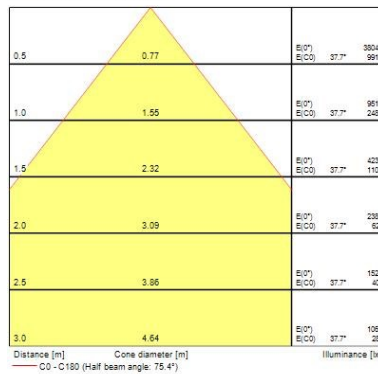
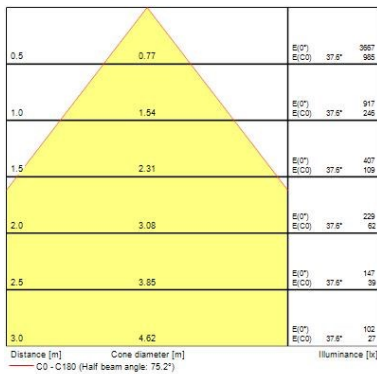
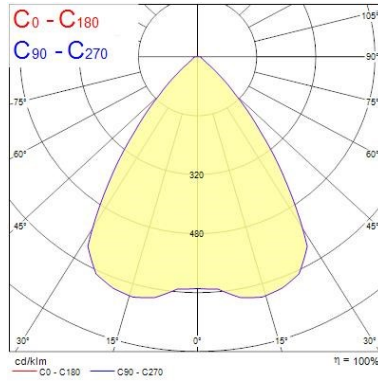
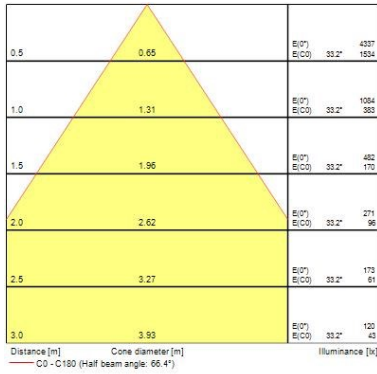
Optimal operating condition (°C)	0-25
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## PHOTOMETRY



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## TECHNICAL DRAWINGS

