

Insaver LED II 150

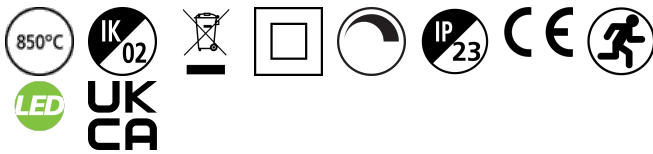
Insaver LED II 150 High Output WW 1-10 E3

3098124



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 High Output WW 1-10 E3
Technology	LED
Housing	AGC (advanced graphite composite)
Mount	Ceiling recessed mounting
Environment	Internal
General application	Office
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	2088
Luminaire efficacy (lm/W)	95
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)	22
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	8711971981244

DATA TABLE

General data

Product name	Insaver LED II 150 High Output WW 1-10 E3
Technology	LED
Housing	AGC (advanced graphite composite)

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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
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2088
Luminaire efficacy (lm/W)	95
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
Emergency duration (h)	3

Electrical data

Total power consumption (W)	22
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)	900
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

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000

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Lifespan L90 B10	46000
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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)	1.344

Packaging

Single packaging type	Carton
Product EAN number	8711971981244
Packaging single length / height (cm)	32.0
Packaging single width (cm)	24.5
Packaging single depth (cm)	20.1
DUN14 (outer)	08711971981244
Units per outer package	1
Packaging outer length / height (cm)	32.0
Packaging outer width (cm)	24.5
Packaging outer depth (cm)	20.1

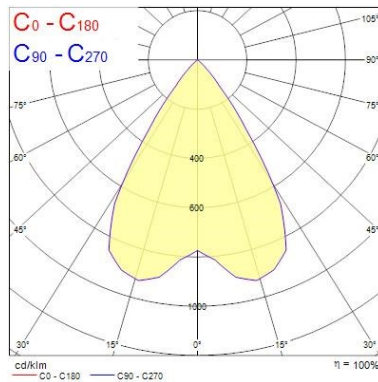
Safety data

Optimal operating condition (°C)	0-25
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PHOTOMETRY

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.00	196
1.0	0.00	49
1.5	0.00	21.1
2.0	0.00	12.3
2.5	0.00	8.0
3.0	0.00	5.5

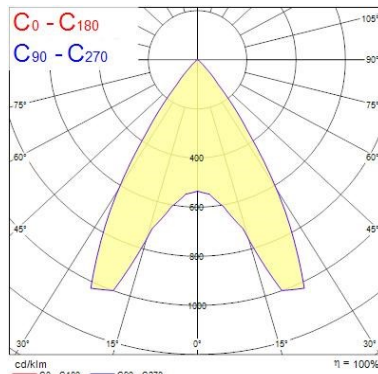
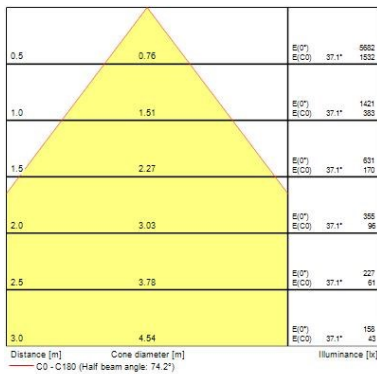
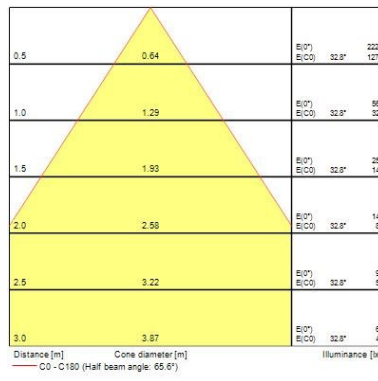
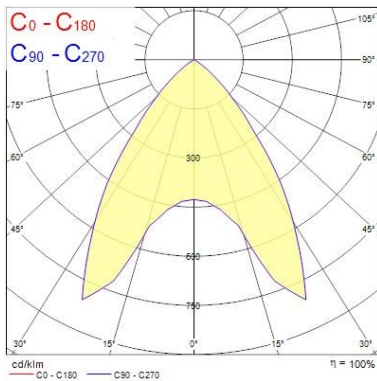
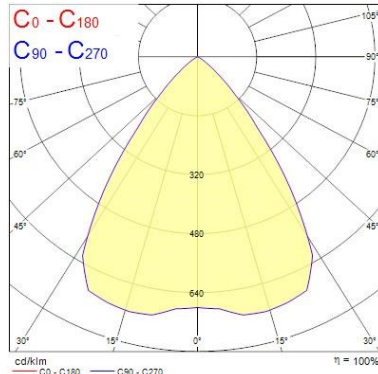
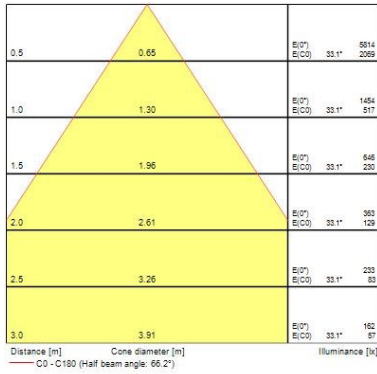
Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 0.0°)



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TECHNICAL DRAWINGS

