

## Inverto Surface Mounted

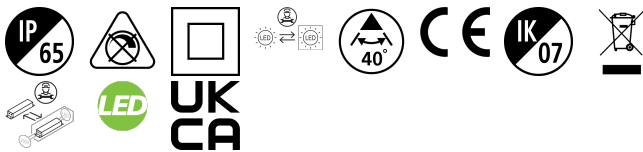
### *Inverto Surface NW Eb Black*

#### 3081073



#### Product features

- Surface Ceiling mounted luminaire, wire to base with pluggable connection for easy installation, suitable for looping, black coloured aluminium housing, 1,617lm, 16W, 101lm/W, 4000K, 350mA, CRI:80, 40° beam Angle, non-dimmable, IP65, IK07, lifespan: 60,000hrs (L80:B20), 110 x 110 x 162 mm.



### PRODUCT OVERVIEW

Product name	Inverto Surface NW Eb Black
Technology	LED
Housing	Aluminium
Mount	Ceiling surface mounting
Environment	Internal/External
General application	Hospitality
ETIM Class	EC002892
E-number FI	4579343
Warranty	5 years
Fixture luminous flux (lm)	1617
Luminaire efficacy (lm/W)	101
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	40
Photobiological Risk Group	RG1
Total power consumption (W)	16
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
Dimming method	N/A
Housing colour	RAL 9005 - Jet black
IP rating	IP65
IK rating	IK07
Product EAN number	8711971810735

### DATA TABLE

#### General data

Product name	Inverto Surface NW Eb Black
Technology	LED

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Housing	Aluminium
Mount	Ceiling surface mounting
Environment	Internal/External
General application	Hospitality
Operating temperature range (°C)	-25°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4579343
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	1617
Luminaire efficacy (lm/W)	101
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	40
Photobiological Risk Group	RG1

#### Electrical data

Total power consumption (W)	16
Mains voltage (V)	220-240V
Lamp power factor	0.95
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
Dimming method	N/A
Drive current (mA)	350
Inrush Current (A)	10
Inrush Duration (µs)	152
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	75
Max. Luminaires per 13A C Breaker	91
Max. Luminaires per 16A C Breaker	106
Max. Luminaires per 20A C Breaker	126
Max. Luminaires per 10A B Breaker	45
Max. Luminaires per 13A B Breaker	55
Max. Luminaires per 16A B Breaker	64
Max. Luminaires per 20A B Breaker	76

#### Lifetime data

Lifespan L70 B50	60000
Lifespan L80 B20	60000
Lifespan L90 B10	56100

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#### Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP65
IK rating	IK07
Diffuser finish	Transparent
Diffuser material	Glass
Nominal Product Length (mm)	110
Nominal Product Width (mm)	110
Nominal Product Height (mm)	162
Weight (kg)	1.479

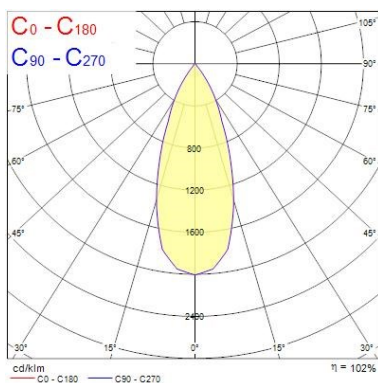
#### Packaging

Single packaging type	Carton
Product EAN number	8711971810735
Packaging single length / height (cm)	18.5
Packaging single width (cm)	24.5
Packaging single depth (cm)	11.5
DUN14 (outer)	08711971810735
Units per outer package	1
Packaging outer length / height (cm)	18.5
Packaging outer width (cm)	24.5
Packaging outer depth (cm)	11.5

#### Safety data

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.36	$E_{(0°)}$ 12974 $E_{(C0)}$ 19.8° 5424
1.0	0.72	$E_{(0°)}$ 3244 $E_{(C0)}$ 19.8° 1356
1.5	1.08	$E_{(0°)}$ 1442 $E_{(C0)}$ 19.8° 603
2.0	1.44	$E_{(0°)}$ 811 $E_{(C0)}$ 19.8° 339
2.5	1.80	$E_{(0°)}$ 519 $E_{(C0)}$ 19.8° 217
3.0	2.16	$E_{(0°)}$ 360 $E_{(C0)}$ 19.8° 151

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 39.6°)

## TECHNICAL DRAWINGS

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