

# Concord

## NILO 1200 DIR/INDIR 4K DALI BLACK 2050611



### Features

- Nilo is a 360° curve-shaped luminaire with a striking, minimalistic design, perfect for retail, hospitality, and office environments. The product can be suspended at different heights to create appealing lighting effects. Stand-alone and self-contained lighting fixture. Aluminium body, opal diffuser, emits direct and indirect lighting. Textured black finishing colour. Light color temperature: 4000K, neutral white. System power: 85W. Fixture lumen output: 9570lm, efficacy: 113lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), IR/UV free light source without heat radiation. DALI dimmable, 220-240V / 50-60Hz. 75% direct, and 25% indirect lighting. Electrical protection: Class I. Degree of protection: IP20, suitable for indoor environment only. Nominal product dimensions: diameter 1140mmx65mm.

### Product Overview

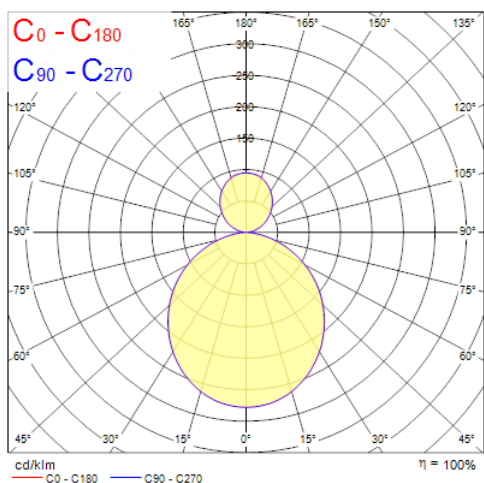
Product name	NILO 1200 DIR/INDIR 4K DALI BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
General application	Hospitality, Retail, Museums & Galleries
ETIM Class	EC002892
Fixture luminous flux (lm)	9570
Luminaire efficacy (lm/W)	113
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 23

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## NILO 1200 DIR/INDIR 4K DALI BLACK 2050611

Photobiological Risk Group	RG0
Total power consumption (W)	85
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	Black
IP rating	IP20
IK rating	IK03
Product EAN number	5025768506118
Warranty	5 years
Dimming method	DALI

### Photometry



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.36 1.35	10641	53.7° 1107	53.4° 1129	
1.0	2.72 2.69	2660	53.7° 277	53.4° 282	
1.5	4.08 4.04	1162	53.7° 123	53.4° 125	
2.0	5.45 5.39	665	53.7° 69	53.4° 71	
2.5	6.81 6.73	426	53.7° 44	53.4° 45	
3.0	8.17 8.08	296	53.7° 31	53.4° 31	

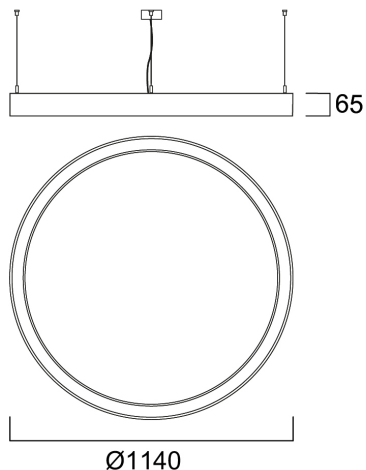
Distance [m]      Cone diameter [m]      Illuminance [lx]

— C<sub>0</sub> - C<sub>180</sub> (Half beam angle: 106.8°)  
 — C<sub>90</sub> - C<sub>270</sub> (Half beam angle: 107.4°)

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### Technical drawings



### Data table

#### GENERAL DATA

Product name	NILO 1200 DIR/INDIR 4K DALI BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
General application	Hospitality, Retail, Museums & Galleries
Operating temperature range (°C)	1°C...+25°C
ETIM Class	EC002892
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	9570
Luminaire efficacy (lm/W)	113
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80

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## NILO 1200 DIR/INDIR 4K DALI BLACK 2050611

Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Glare control	< 23
Photobiological Risk Group	RG0

### ELECTRICAL DATA

Total power consumption (W)	85
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.97
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	7.0
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	1024
Inrush Current (A)	31.2
Inrush Duration ( $\mu$ s)	182
Glow Wire Test ( $^{\circ}$ C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	14
Max. products per 13A C Breaker	18
Max. products per 16A C Breaker	45
Max. products per 16A B Breaker	27
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

### LIFETIME DATA

Lifespan L80 B20	50000
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## NILO 1200 DIR/INDIR 4K DALI BLACK 2050611

### PHYSICAL DATA

Housing colour	Black
IP rating	IP20
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PMMA Acrylic
Nominal Product Height (mm)	65
Nominal Product Diameter (mm)	1140
Weight (kg)	8.2

### PACKAGING

Product EAN number	5025768506118
Packaging single length / height (cm)	126.0
Packaging single width (cm)	126.0
Packaging single depth (cm)	14.9
DUN14 (outer)	05025768506118
Units per outer package	1
Packaging outer length / height (cm)	126.0
Packaging outer width (cm)	126.0
Packaging outer depth (cm)	14.9

### SAFETY DATA

Optimal operating condition (°C)	1-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No