Nilo 800 Direct/Indirect 3000K DALI EM Black

Code article 2050606

Concord

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 hights 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: 3000K, warm white System power: 56W Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), IR/UV free light source without heat radiation DALI dimmable, 3-hours self-contained EMPRO self-test emergency, 220-240V / 50-60HzElectrical protection: Class I. 80% direct, and 20% indirect lighting Degree of protection: IP20, suitable for indoor environment only Nominal product dimensions: diameter 800mmx65mm 3h emergency in function: direct lighting only, partial lighting (only direct and 1/4 of whole luminaire is light up in emergency mode), 200lm

Atouts techniques

Dimensions (mm)

65

Ø800

Photométrie

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	1.36 / 1.35	E(0°) E(C90) 53.7° E(C0) 53.4°		6762 704 718
1.0	2.72 / 2.69	E(0°) E(C90) 53.7° E(C0) 53.4°		1691 176 179
1.5	4.08 / 4.04	E(0°) E(C90) 53.7° E(C0) 53.4°		751 78 80
2.0	5.45 / 5.39	E(0°) E(C90) 53.7° E(C0) 53.4°		423 44 45
2.5	6.81 / 6.73	E(0°) E(C90) 53.7° E(C0) 53.4°		270 28 29
3.0	8.17 / 8.08	E(0°) E(C90) 53.7° E(C0) 53.4°		188 20 20

C0 - C180 (Half beam angle: 106.8°)
C90 - C270 (Half beam angle: 107.4°)

C₀ - C₁₈₀
C₉₀ - C₂₇₀

cd/klm —— C0 - C180 —— C90 - C270   η = 100%

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Données générales

Nom du produit	Nilo 800 Direct/Indirect 3000K DALI EM Black
Technologie	LED
Cap/Base	N/A
Housing	Aluminium
Montage	Suspended
Built in presence detector	NONE
General application	Hospitality, Museums & Galleries, Retail
Operating temperature range (°C)	1°C...+25°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	5700
Luminaire efficacy (lm/W)	102
Température de couleur (K)	3000
Couleur de lumière	Warm White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 23
Photobiological Risk Group	RG0
Emergency duration (h)	3

Caractéristiques électriques

Consommation électrique totale (W)	56
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	5.0
Electrical protection	Class I
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	1280
Courant d'appel (A)	23
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	23
Max. products per 13A C Breaker	31
Max. products per 16A C Breaker	38
Max. products per 16A B Breaker	23
Connectable conductor cross section - Max (mm²)	2.5

Durée de vie

Lifespan L80 B20	50000

Données physiques

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)	800
Poids (kg)	4.9

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Emballage

Product EAN number	5025768506064
Longueur simple de l'emballage (cm)	87.0
Largeur simple de l'emballage (cm)	87.0
Packaging single depth (cm)	10.0
DUN14 (inner)	05025768506064
Units per outer package	1
Packaging outer length / height (cm)	87.0
Packaging outer width (cm)	87.0
Packaging outer depth (cm)	10.0

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	1-25