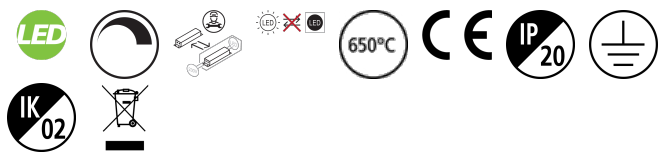


FreeOffice 12klm
FREEOFFICE DIRECT/INDIRECT 12KLM BLACK EC
0060781



Caratteristiche prodotto

- FREEOFFICE DIRECT/INDIRECT 12KLM BLACK EC is a highly efficient free-standing floor lamp providing optimal illumination for single and twin workstations. 80% uplight and 20% downlight ratio for ambient and task lighting from a single luminaire. Microprismatic PMMA optics for advanced glare control. Black RAL9005 powder coated luminaire body. Aluminium head and pole for high-quality appearance, steel stand for higher stability. Luminaire dimensions: Head: 690x397x25mm, Stand: 480x460x16mm, Pole: 55x35x2030mm. Operated and dimmed with a push button located in the pole at a height suitable to be used with adjustable height desks. Up and downlight dims together. 4000K Neutral White LED, CRI>80, chromaticity tolerance: SDCM<3. Luminous flux: 12150lm. Power consumption 93W. Luminaire efficacy: 131lm/W. Lumen maintenance: L80B50=55000h. UGR<16, Luminance at 65°<3000 cd/m2. IK02, IP20. Photobiological safety risk group 0. Electrical protection: Class I. Glow wire test: 650°C. Supplied with 3m cable with DIN 49441-R2 plug.



PANORAMICA DEL PRODOTTO

Nome prodotto	FREEOFFICE DIRECT/INDIRECT 12KLM BLACK EC
Tecnologia	LED (3 SDCM)
Housing	Other
Montaggio	Floor standing
Fixture rating	Chiuso
General application	Istruzione, Strutture alberghiere, Uffici
ETIM Class	EC000300
Garanzia	5 years
Fixture luminous flux (lm)	12150
Luminaire efficacy (lm/W)	131
Temperatura di colore (K)	4000
Colore della luce	Neutral White
CRI (Ra)	80
Consistenza colore (SDCM)	SDCM3
Glare control	< 16
Gruppo di rischio fotobiologico	RG0
Potenza totale (W)	93
Electrical protection	Classe I
Tipologia reattore	Electronic ballast
Dimmable	Sì
Dimming method	Other
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Colore corpo lampada	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK02
Product EAN number	5410288607818

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TABELLA DATI

Dati generali

Nome prodotto	FREEOFFICE DIRECT/INDIRECT 12KLM BLACK EC
Tecnologia	LED (3 SDCM)
Housing	Other
Montaggio	Floor standing
Fixture rating	Chiuso
General application	Istruzione, Strutture alberghiere, Uffici
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000300
Garanzia	5 years

Dati ottici

Fixture luminous flux (lm)	12150
Luminaire efficacy (lm/W)	131
Temperatura di colore (K)	4000
Colore della luce	Neutral White
CRI (Ra)	80
Consistenza colore (SDCM)	SDCM3
Glare control	< 16
Gruppo di rischio fotobiologico	RG0

Dati elettrici

Potenza totale (W)	93
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) = xx.x %	8
Electrical protection	Classe I
Control gear required	No
Tipologia reattore	Electronic ballast
Dimmable	Sì
Dimming method	Other
Minimum dimming level (%)	1
Drive current (mA)	450
Corrente di spunto (A)	39
Durata picco di corrente (µs)	286
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Quantità max. apparecchi per interruttore 10A tipo C	10
Max. products per 13A C Breaker	13

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Quantità max. apparecchi per interruttore 16
16A tipo C

Max. products per 10A B Breaker 6

Max. products per 13A B Breaker 8

Max. products per 16A B Breaker 10

Dati vita utile

Vita utile nominale - L70 B50 65000

Vita utile nominale - L80 B50 55000

Vita utile nominale - L80 B10 50000

Vita utile nominale - L90 B10 25000

Dati dimensionali

Colore corpo lampada RAL 9005 - Jet black

IP rating IP20

IK rating IK02

Diffuser finish Prismatico

Diffuser material PMMA acrilico

Lunghezza nominale del prodotto (mm) 690

Larghezza nominale prodotto (mm) 460

Nominal Product Height (mm) 2030

Peso (Kg) 22.8

Dati di imballo

Tipologia imballo singolo Carton

Product EAN number 5410288607818

Lunghezza imballo singolo (mm) 77.0

Larghezza imballo singolo (cm) 56.0

Packaging single depth (cm) 214.0

DUN14 (outer) 05410288607818

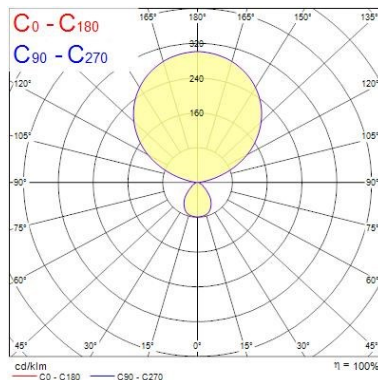
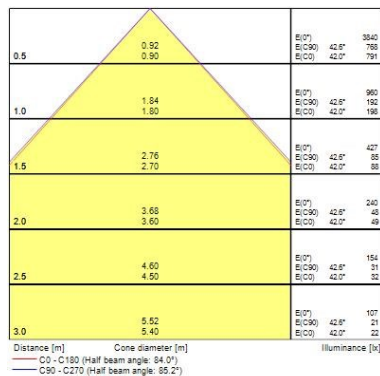
Quantità per imballo esterno 1

Packaging outer length / height (cm) 77.0

Packaging outer width (cm) 56.0

Packaging outer depth (cm) 214.0

FOTOMETRIA



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DISEGNI TECNICI

