

OFFICE COMPLIANT SURFACED LED LUMINAIRE

CYFELCO SUR 1LNS 12W 1990LM 4000K L30W60H55 DALI



PRODUCT DATA



820-980



General Information

Order Code	820-980
Product Description	CYFELCO SUR 1LNS 12W 1990LM 4000K L30W60H55 DALI
Application	Offices, design labs, libraries, schools etc.
Installation	Ceilings
Luminaire type	Surfaced LED Luminaire - Office Compliant (UGR<19)
Light Source	LED modules SMD Vossloh-Schwabe
Number of light sources	1 pc
Light Source Colour	4000K, cool white
Driver	Built-in Vossloh-Schwabe
Dimming	DALI
Energy Class	A++
Optical Risk	RG 0
Protection class	Class I
Ingress protection code	IP 20 [Finger-protected]
Mechanical impact protection code	IK03
Standards	2014/30/EU Electromagnetic Compatibility Directive 2014/35/EU Low Voltage Directive
CE mark	Yes
Warranty	5 years

Electrical Data

Input Power	13 W
Input voltage	220-240V
Input Frequency	50-60 Hz
Drive Current	350 mA
Power Factor	0.97

Mechanical Characteristics

Housing Material	Sheet steel 0,5mm
Surface Finish	White powder coating (RAL 9003)
Optical Cover	PMMA Optics (Wide 60°)

Initial Performance

Source Luminous Flux	1990 lm
Source Efficacy	172 lm/W
Initial Luminaire Luminous Flux	1891 lm
Initial Luminaire Efficacy	148 lm/W
Initial Corr. Colour Temperature (CCT)	4000 K
Initial Color Rendering Index (CRI)	>80 (Typ. 85)
Initial chromaticity	SDCM < 3
Unified Glare Rating (UGR)	UGR<19

Logistics

Net weight per piece	xxx kg
Gross weight per piece	xxx kg
Volume	xxx m ³
Packing	1 pc per carton

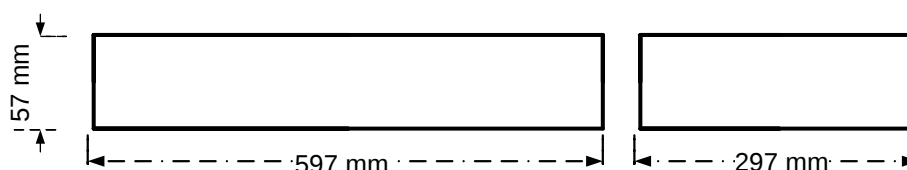
Over Time Performance

Driver Service Life Time	100,000 hrs
LED Median Useful Life L80B10	60,000 hours

Application Conditions

Operating Temperature Range	-20 to +40 °C
Average Ambient Temperature	+25 °C

Dimensional Drawing



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