

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: NEBO

Supplier's address: NEBO, The GP Centre Yeoman Road 2, BH24 3FF RINGWOOD Hampshire, UK

Model identifier: S80FL-CS01H_NEB-AREA-03-G 8K Cube

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	non		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	6 500 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	5 700
On-mode power (P_{on}), expressed in W	50,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

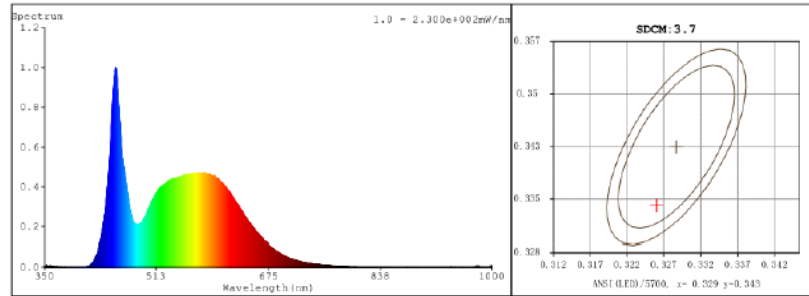
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,328 0,342	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,90	
the lumen maintenance factor	0,96			

(a) : not applicable;

(b) : not applicable;

Appendix 1: Photometric test record

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3260$ $y = 0.3346$ / $u' = 0.2050$ $v' = 0.4732$ ($duv = -4.18e-04$)

CCT= 5799K Prop WL: Ld=493.9nm Purity=2.4%

Peak WL: Lp=454nm FWHM: =21.7nm Ratio:R=14.8% G=80.0% B=5.2%

Render Index: Ra = 84.4

R1 =84 R2 =90 R3 =92 R4 =84 R5 =84 R6 =84 R7 =88

R8 =71 R9 =17 R10=74 R11=82 R12=58 R13=86 R14=96 R15=80

WHITE:ANSI_5700K

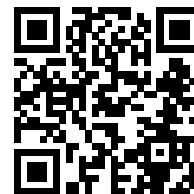
Photometric & Radiometric Parameters

Flux = 6952.9 lm Eff. : 139.30 lm/W $\Phi_e = 22.429$ W

Electrical parameters

V = 15.00 V I = 3.328 A P = 49.91 W PF = 1.000

Model placed on the Union market from 01/06/2024



EPREL registration number: 1968062

<https://eprel.ec.europa.eu/qr/1968062>

Supplier: BRANDS 2 MARKET (Authorised representative) **Website:** <https://brandsémarket.eu>

Customer care service:

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