

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: S50PF-CS01H_NEB-FLOOD-01-G 5K

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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	32	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°)	4 000 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	33,0	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		

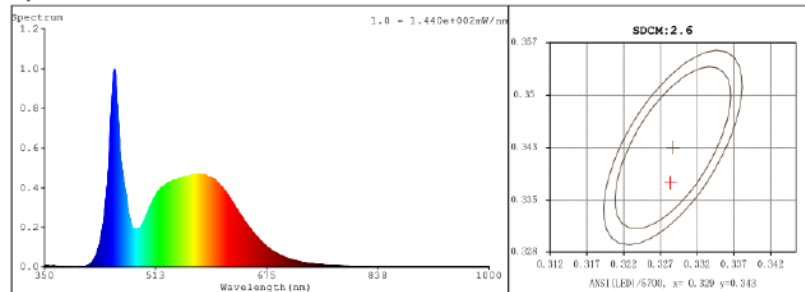
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,328 0,342	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1	Beam angle in degrees, or the range of beam angles that can be set	1	
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: $x = 0.3283$ $y = 0.3378$ / $u' = 0.2053$ $v' = 0.4753$ ($duv=1.85e-04$)

CCT= 5685K Prcp WL: Ld=503.9nm Purity=1.5%

Peak WL: Lp=453nm FWHM: =20.3nm Ratio:R=14.7% G=80.3% B=5.0%

Render Index: Ra = 83.2

R1 =82 R2 =88 R3 =91 R4 =83 R5 =82 R6 =82 R7 =87

R8 =69 R9 =11 R10=70 R11=82 R12=57 R13=84 R14=95 R15=78

WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 4301.3 lm Eff. : 136.35 lm/W Fe = 13.652 W

Electrical parameters

V = 15.00 V I = 2.103 A P = 31.55 W PF = 1.000

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



EPREL registration number: 1968093

<https://eprel.ec.europa.eu/qr/1968093>

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

Customer care service:

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