

Product Information Sheet

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

Supplier's name or trade mark: SIRIUS

Supplier's address: Indkøb, Engholm Parkvej 3-5, 3450 Allerød, DK

Model identifier: 31280

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Terminal		
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	2	Energy efficiency class	F
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°)	95 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	2 700
On-mode power (P_{on}), expressed in W	1,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,10
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	58
Outer dimensions without separate control gear, lighting control	Height	700	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	700	
	Depth	700	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,463 0,420
Parameters for LED and OLED light sources:			
R9 colour rendering index value	58	Survival factor	0,93
the lumen maintenance factor	0,90		

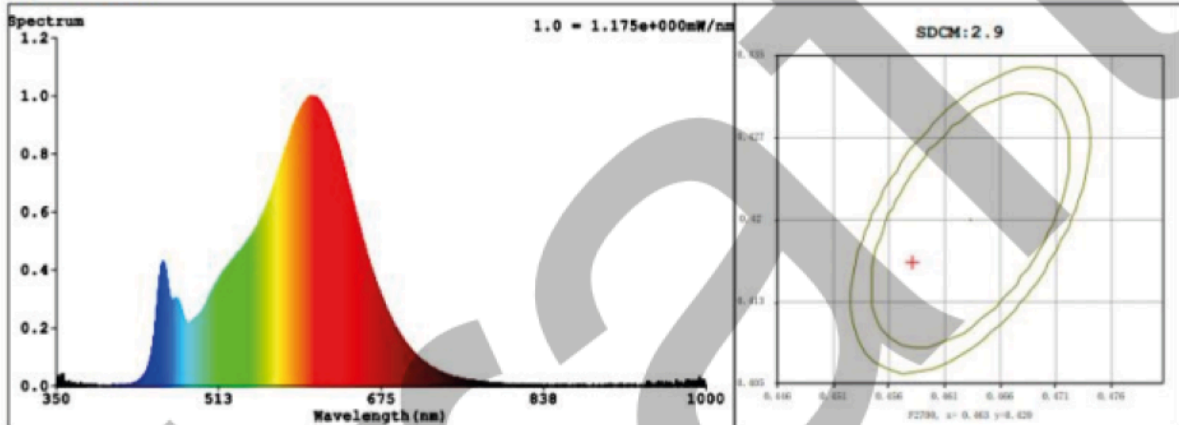
(a) : not applicable;

(b) : not applicable;

Attachment 1: Photometric test record

Photometric test record of one lamp at initial measurement for HLE&-V-XC

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4578$ $y = 0.4162$ / $u' = 0.2587$ $v' = 0.5292$ ($duv=2.26e-03$)

CCT= 2773K Prcp WL: $L_d=583.1nm$ Purity=62.3%

Peak WL: $L_p=604nm$ FWHM: =114.8nm Ratio:R=24.6% G=72.8% B=2.6%

Render Index: $R_a = 82.8$

R1=82 R2=94 R3=94 R4=79 R5=82 R6=94 R7=81

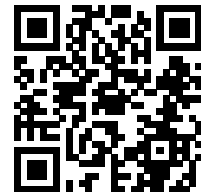
R8=57 R9=8 R10=85 R11=79 R12=73 R13=85 R14=97 R15=73

WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 53.943 lm Eff. : 106.09 lm/W $F_e = 164.25$ mW

Model placed on the Union market from 14/08/2023



EPREL registration number: 1574942

<https://eprel.ec.europa.eu/qr/1574942>

Supplier: Sirius Home A/S (Manufacturer)

Website: www.sirius.dk

Customer care service:

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