Product Information Sheet

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

Supplier's name or trade mark: ØS1

Supplier's address: development, toftebakken 7, 3460 birkerød, DK

Model identifier: ØS1

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	thin film		
Mains or non-mains:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	Dimmable:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	16	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 000 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	2700...5600
On-mode power (P_{on}), expressed in W	16,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	95
Outer dimensions without separate control gear, lighting control — Height	46	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	130		
Outer dimensions without separate control gear, lighting control — Depth	130		

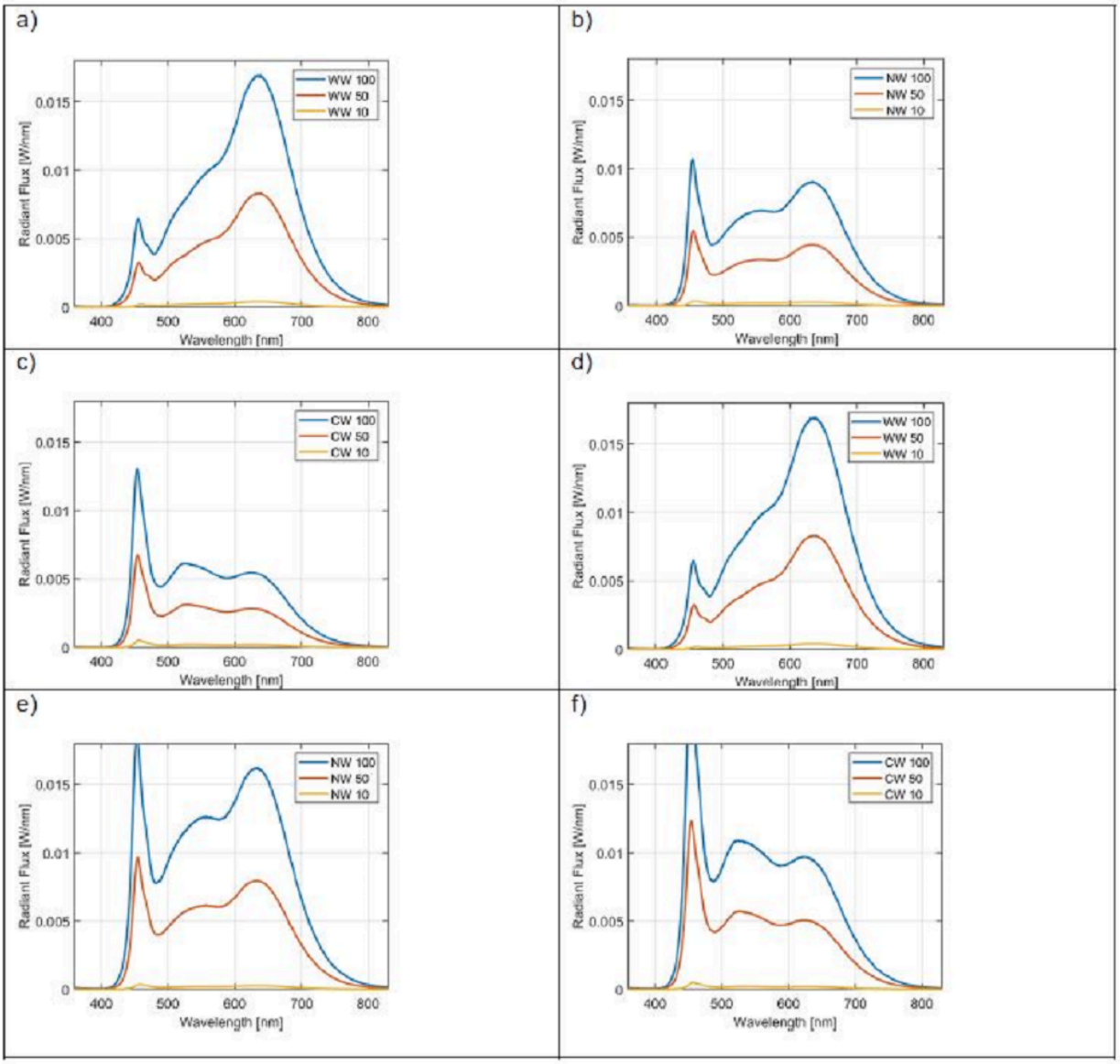
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,380 0,380
Parameters for LED and OLED light sources:				
R9 colour rendering index value		90	Survival factor	1,00
the lumen maintenance factor		0,90		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

2.2 Integrating sphere results

At the different settings and configurations the spectral power distribution was measured, this was used to calculate the colorimetric properties of the luminaire. Figure 2 shows the spectral power distributions at the different luminaire settings.



Model placed on the Union market from 18/12/2017

EPREL registration number: 523663

https://eprel.ec.europa.eu/qr/523663

Supplier: Shade lights aps (Manufacturer)

Website: shade.one

Customer care service:

Name: development

Website:

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