

Product Information Sheet

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

Supplier's name or trade mark: WOUD

Supplier's address: Product Development, Søndergårdsalle 9, DK

Model identifier: 133030/133031/133032/133033

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	LED		
Mains or non-mains:	MLS	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	9	Energy efficiency class	G
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°)	600 in Narrow cone (90°)	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	3 000
On-mode power (P_{on}), expressed in W	9,0	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	238	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	320	
	Depth	320	
			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)	0,440 0,403
Parameters for directional light sources:			
Peak luminous intensity (cd)	270	Beam angle in degrees, or the range of beam angles that can be set	100
Parameters for LED and OLED light sources:			
R9 colour rendering index value	35	Survival factor	1,00
the lumen maintenance factor	0,98		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,80	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,1

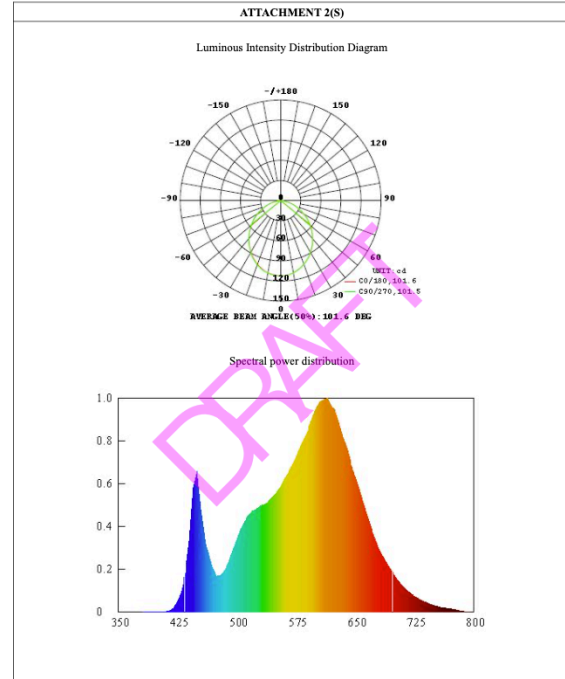
(a) '-': not applicable;

(b) '-': not applicable;

ATTACHMENT 1(S)

Energy efficiency classes			
Standard	Clause	Model No.	Verdict
(EU) 2019/2015	Energy class	133033	P
Conditions	-Test conditions: -ambient: 25°C/65%RH. -Test voltage: AC220-240V		
Φ use	600 lm (Declared)		
P _{tot}	P _{tot} = 9 W (Declared)		
F _{TM}	1.176		
η _{vM}	78.40lm/w (Declared)		
Technical requirements		Test result	
$\eta_{TM} = (\Phi_{use}/P_{tot}) \times F_{TM} \text{ (lm/W)}$	Energy efficiency class	Total mains efficacy η _{vM} (lm/W)	--
	A	210 ≤ η _{vM}	N
	B	185 ≤ η _{vM} < 210	N
	C	160 ≤ η _{vM} < 185	N
	D	135 ≤ η _{vM} < 160	N
	E	110 ≤ η _{vM} < 135	N
	F	85 ≤ η _{vM} < 110	N
G	η _{vM} < 85	P	
Factors F _{TM} by light source type			
Light source type		Factor F _{TM}	--
Non-directional (NDLS) operating on mains (MLS)		1.000	N
Non-directional (NDLS) not operating on mains (NMLS)		0.926	N
Directional (DLS) operating on mains (MLS)		1.176	P
Directional (DLS) not operating on mains (NMLS)		1.089	N

ATTACHMENT 2(S)



Model placed on the Union market from 01/02/2016



EPREL registration number: 1053618

<https://eprel.ec.europa.eu/qr/1053618>

Supplier: WOUD A/S (Importer)

Website: www.wouddesign.com

Customer care service:

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