

# Product Information Sheet

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

**Supplier's name or trade mark:** Menu A/S

**Supplier's address:** PD, Aarhusgade 130, 2150 Nordhavn -, DK

**Model identifier:** 1220000 (G9) Cast Range

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	pin (G9)		
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:	Yes

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	170 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	2 800
On-mode power ( $P_{on}$ ), expressed in W	2,5	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	46	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	18	
	Depth	18	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,462 0,412
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	8	Survival factor	0,00
the lumen maintenance factor	0,00		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,00	Colour consistency in McAdam ellipses	0
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)	0,0	Stroboscopic effect metric (SVM)	0,0

(a)-: not applicable;

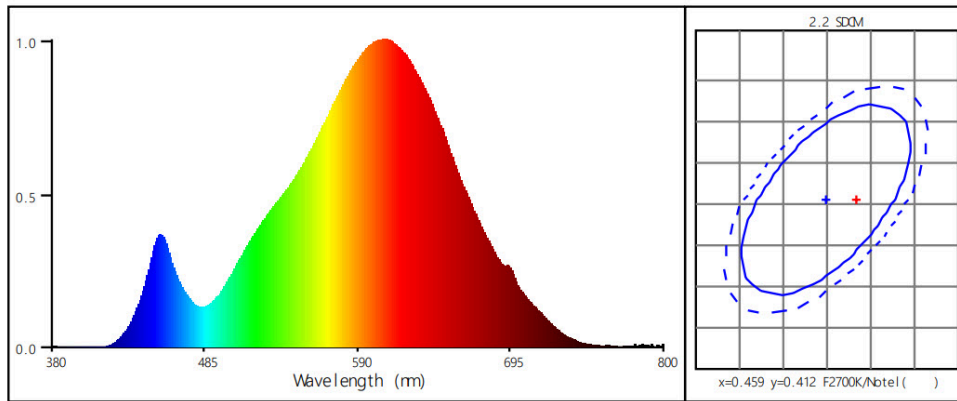
(b)-: not applicable;

Chromaticity coordinates :  
 $x=0.4625, y=0.4120$   
 $u' = 0.2636, v' = 0.5283$   
 Red ratio:  $R=25.0\%$   
 Half bandwidth:  $\lambda_c=125.5\text{ nm}$   
 CRI:  $Ra=80.7$

CCT :  $T_c=2675\text{K}$   
 Dominant wavelength:  $\lambda_d=584.3\text{nm}$   
 Green ratio :  $G=73.5\%$   
 Color tolerance SDCM= $2.2\text{ TM-30:Rf}=83.9$

Color purity: Purity= $62.5\%$   
 Peak wavelength:  $\lambda_p=609\text{nm}$   
 Blue ratio  $B=1.5\%$

R1=78	R2=89	R3=97	R4=77	R5=78
R6=86	R7=83	R8=58	R9=8	R10=74
R11=74	R12=65	R13=80	R14=98	R15=72



Photometric Parameters: