

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: 1410619 Reverse

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	PCB Board (gear)		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	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	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°)	330 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	2200...3000
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	89
Outer dimensions without separate control gear, lighting control	Height	2	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	150	
	Depth	150	
			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)	0,001 0,001
Parameters for LED and OLED light sources:			
R9 colour rendering index value	42	Survival factor	0,90
the lumen maintenance factor	0,90		

(a) : not applicable;

(b) : not applicable;

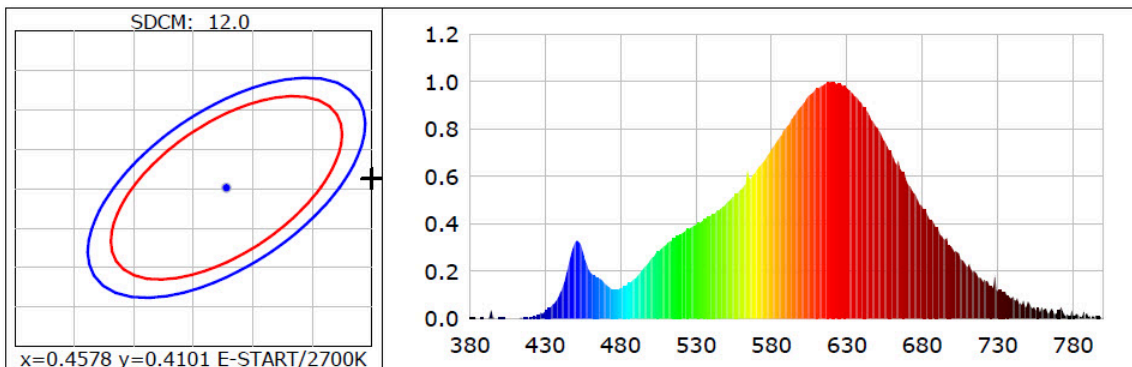
Lightsource Test Report

Product Information

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4773$ $y=0.4113$ $u(u')=0.2735$ $v=0.3535$ $v'=0.5302$
 CCT: $T_c=2478K$ ($duv=-0.00086$) Color Ratio: $R=0.282$ $G=0.698$ $B=0.020$
 Peak Wavelength: 618.9nm Half Bandwidth: 124.4nm
 Dominant Wavelength: 585.7nm Color Purity: 0.667
 CRI: $R_a=89.5$ TM30: $R_f=88$, $R_g=100$
 $R_1=89$ $R_2=95$ $R_3=98$ $R_4=89$ $R_5=90$ $R_6=96$ $R_7=86$ $R_8=72$
 $R_9=42$ $R_{10}=90$ $R_{11}=91$ $R_{12}=86$ $R_{13}=91$ $R_{14}=100$ $R_{15}=83$
 Color Quality Scale: $Q_a=86.8$, $Q_f=89.8$, $Q_p=91.7$, $Q_g=93.8$
 $Q_1=82$ $Q_2=93$ $Q_3=88$ $Q_4=87$ $Q_5=89$ $Q_6=88$ $Q_7=87$ $Q_8=87$
 $Q_9=94$ $Q_{10}=91$ $Q_{11}=90$ $Q_{12}=88$ $Q_{13}=87$ $Q_{14}=81$ $Q_{15}=81$



Photometric Parameters

Luminous Flux: 275.43 lm Efficiency: 28.51 lm/W Radiant Power: 0.956 W
 EEI: 0.34 Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 220.70V Current: 0.0830A Power: 9.66W
 Power Factor: 0.5190 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Min
 Max of Signal: 43553 (3581)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4 π
 CCD Integration Time: 4048.04 ms