

# Product Information Sheet

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

**Supplier's name or trade mark:** LOOM Design

**Supplier's address:** Main Office, Lilleringvej 30, 8462 Aarhus Harlev, DK

**Model identifier:** 825-001

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	CLS		
Mains or non-mains:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	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	12	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°)	484 in Wide cone (120°)	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	12,0	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	0,00	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	93
Outer dimensions without separate control gear, lighting control	Height	190	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	35	
	Depth	35	
			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)	0,459 0,413
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	60	Survival factor	0,96
the lumen maintenance factor	0,90		

(a) : not applicable;

(b) : not applicable;

**Lightsource Test Report**

**Product Information**

Product Category: UFO SP1  
Product Number: 176

Product Type: UFO SP1 可称球 S  
Submitted Unit: MERLONG

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.4638$   $y=0.4118$   $u(u')=0.2645$   $v=0.3523$   $v'=0.5284$   
 CCT:  $T_c=2654K$  ( $duv=0.00011$ ) Color Ratio:  $R=0.267$   $G=0.711$   $B=0.022$   
 Peak Wavelength: 633.1nm Half Bandwidth: 143.5nm  
 Dominant Wavelength: 584.4nm Color Purity: 0.628  
 CRI:  $R_a=92.0$  TM30:  $R_f=92$   $R_g=100$   
 R1 =92 R2 =96 R3 =98 R4 =93 R5 =92 R6 =96 R7 =90 R8 =79  
 R9 =54 R10=90 R11=94 R12=86 R13=93 R14=98 R15=87  
 Color Quality Scales:  $Q_a=90.0$   $Q_f=92.3$   $Q_g=92.7$   $Q_h=95.3$   
 Q1 =86 Q2 =55 Q3 =90 Q4 =90 Q5 =91 Q6 =91 Q7 =90 Q8 =91  
 Q9 =96 Q10=93 Q11=93 Q12=92 Q13=91 Q14=85 Q15=85



**Photometric Parameters**

Luminous Flux: 484.20 lm Efficiency: 33.21 lm/W Radiant Power: 1.706 W  
 EEF: 0.34 Energy Efficiency Class: B (EU 874-2012)

**Electric Parameters**

Voltage: 220.00V Current: 0.0770A Power: 14.58W  
 Power Factor: 0.8640 Frequency: 49.99Hz

**Test Information**

Scan Range: 380-800:1nm Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 411  
 Max of Signal: 43875 (3394) CCD Integration Time: 349.31 ms

Condition: Tx:29.6°C, Tl:28.9°C, R.H.:60%  
 Test Lab:  
 Operator: yg

Test Device: Inventime CMS-2S (Plus)  
 Test Time: 2022-08-10 15:53:44  
 Inspector: