

# Product Information Sheet

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

**Supplier's name or trade mark:** Techmar B.V.

**Supplier's address:** Techmar B.V., Chopinstraat 10-11, 7557EH Hengelo Hengelo Overijssel, NL

**Model identifier:** 1170101

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU5.3		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

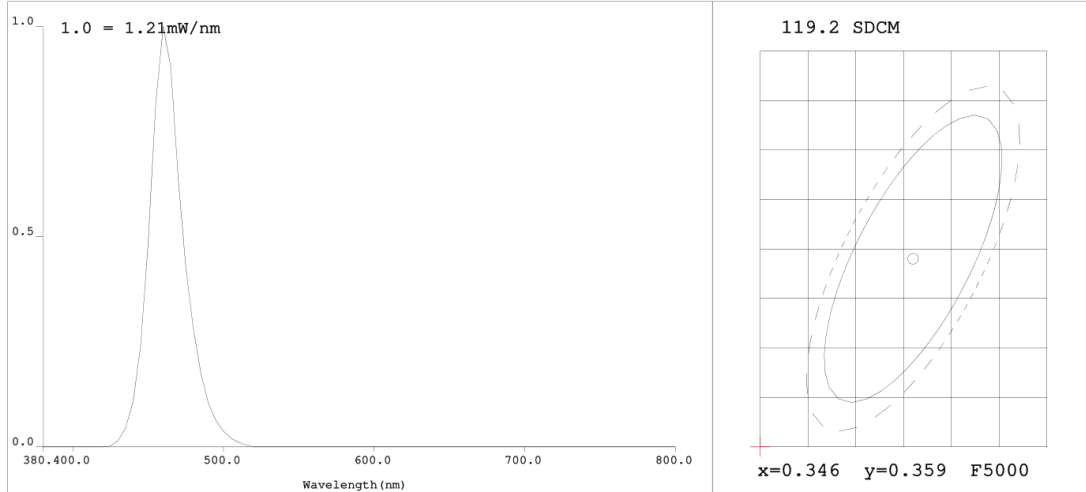
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	40 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	10 000
On-mode power ( $P_{on}$ ), expressed in W	2,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	-
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	1
Outer dimensions without separate control gear, lighting control	Height	15	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	40	
	Depth	40	
			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)	0,346 0,359
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	9	Beam angle in degrees, or the range of beam angles that can be set	90
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	0	Survival factor	-
the lumen maintenance factor	-		

(a) : not applicable;

(b) : not applicable;

**1170101**  
**Light Source Test Report**



**CIE Color Parameters:**

Chromaticity Coordinate:  $x=0.1381$   $y=0.0459$   $u'=0.1686$   $v'=0.1262$  ( $duv=1.82e-001$ )

CCT:  $T_c \geq 100000K$  Prcp WaveL:  $\lambda_d=465.4nm$  Purity=98.3%

Peak WaveL:  $\lambda_p=460nm$  Half Width:  $\Delta\lambda=23.1nm$  Ratio: R=0.0% G=5.5% B=94.5%

Average Wave: 462nm

Rendering Index: Ra=0.0

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0 R8 =0

R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

**Photo Parameters:**

Flux:  $\Phi=1.8098(lm)$  Luminous Efficacy: 8.54(lm/W) Radiant Power: P=32.59(mW)

**Electrical Parameters:**

U=12.22V I=0.0220A P=0.2120W PF=0.787

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

Ip = 699(G=1,D=55)

REF = 398

% = 0.000%

TMP (PMT) = 21.9(deg.celsius)

Product Type: 1170101 AC 05

Instrument: PMS-50 System

Temperature: 25.0deg

Test Operator: Damin

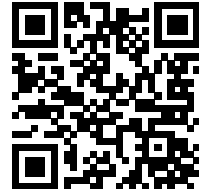
Manufacturer: EVERFINE

Test Department: Everfine

Humidity: 65.0%

Test Date: 2021-10-19 13:43

Model placed on the Union market from 01/01/2010



**EPREL registration number:** 678607

<https://eprel.ec.europa.eu/qr/678607>

**Supplier:** Techmar B.V. (Importer)

**Website:** <https://www.techmar.com>

**Customer care service:**

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