

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: 6243011

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	PCB connector		
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

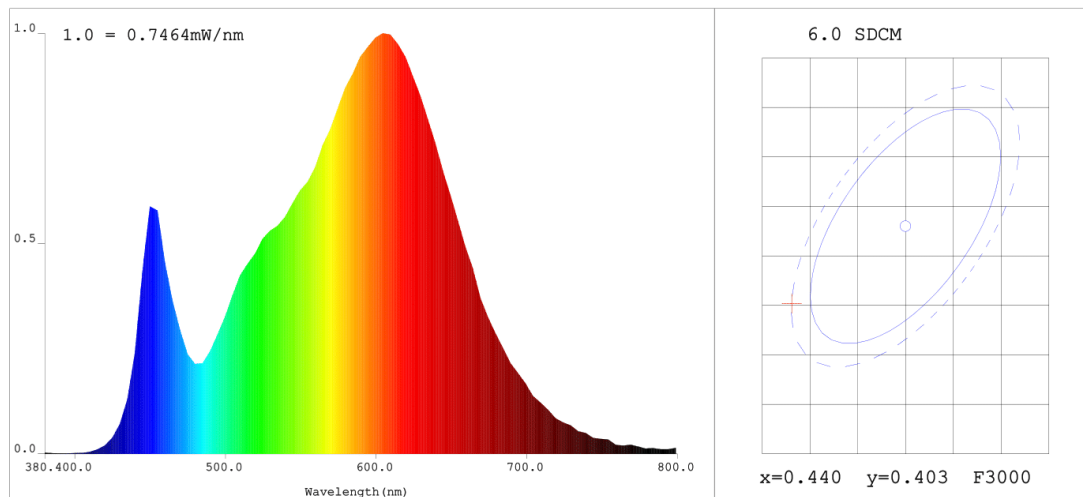
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	93 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	1,0	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	85
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,305 0,325	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	16	Survival factor	-	
the lumen maintenance factor	-			

(a) - : not applicable;

(b) - : not applicable;

SMD LED unit 6x 12V 1W G5.3 20mA
Light Source Test Report

**CIE Color Parameters:**Chromaticity Coordinate: $x=0.4281$ $y=0.3952$ / $u'=0.2487$ $v'=0.5165$ ($duv=-2.33e-003$)CCT: $T_c=3081K$ Pr_{cp} WaveL: $\lambda=583.4nm$ Purity=47.1%Peak WaveL: $\lambda=605nm$ Half Width: $\Delta\lambda=135.9nm$ Ratio: R=22.9% G=74.3% B=2.8%

Average Wave: 588nm

Rendering Index: $R_a=84.8$

R1 =84 R2 =93 R3 =96 R4 =83 R5 =84 R6 =91 R7 =84 R8 =63

R9 =18 R10=83 R11=83 R12=73 R13=86 R14=99 R15=78

Photo Parameters:Flux: $\Phi=37.076(lm)$ Luminous Efficacy: 79.91(lm/W) Radiant Power: $P=115.2(mW)$ **Electrical Parameters:** $U=12.10V$ $I=0.0420A$ $P=0.4640W$ $PF=0.904$

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

 $I_p = 6066(G=4, D=74)$

REF = 5498

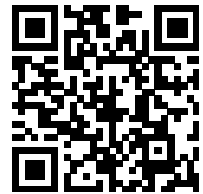
% = 0.782%

TMP(PMT) = 30.4(deg.celsius)

Product Type: 6239011.120
Instrument: PMS-50 System
Temperature: 25.0deg
Test Operator: Jane

Manufacturer: Eurolite
Test Department: Eurolite
Humidity: 65.0%
Test Date: 2017-04-18 11:28

Model placed on the Union market from 04/01/2021



EPREL registration number: 678626

<https://eprel.ec.europa.eu/qr/678626>

Supplier: Techmar Beheer B.V. (Importer)

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

Customer care service:

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