

Product Information Sheet

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

Supplier's name or trade mark: BEMETA

Supplier's address: Zákaznická podpora, Žatčany 28, 66453 Žatčany 66453, CZ

Model identifier: 112101149W

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Double color LED 3000K/6000K		
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

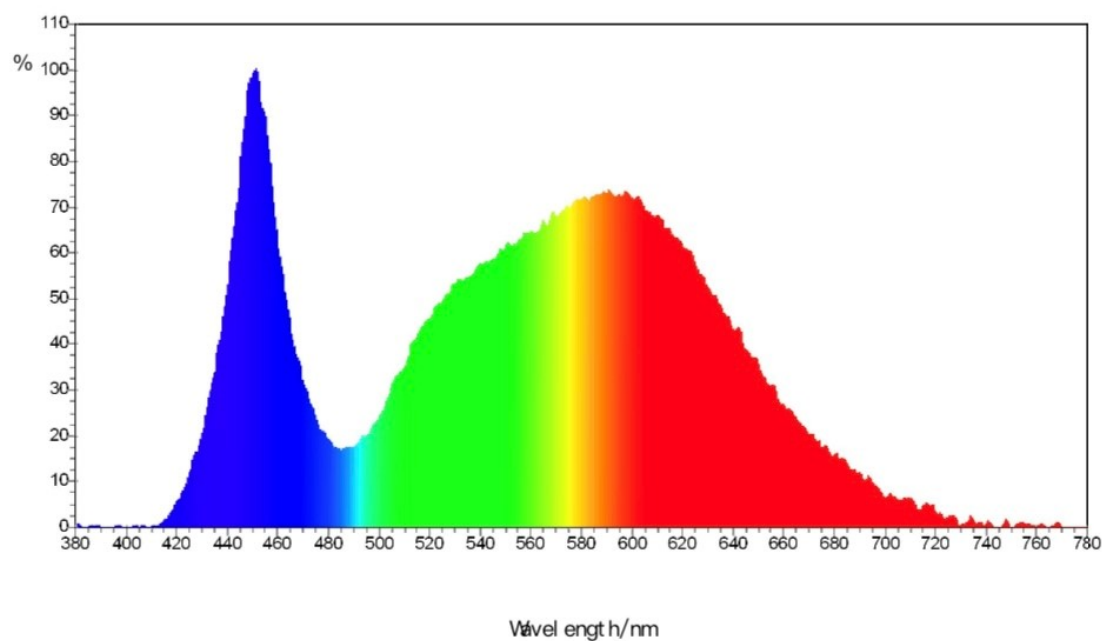
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	C
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°)	652 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	3000...6000
On-mode power (P_{on}), expressed in W	3,4	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	48
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)	0,440 0,403	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	98	Survival factor	1,00	
the lumen maintenance factor	0,96			

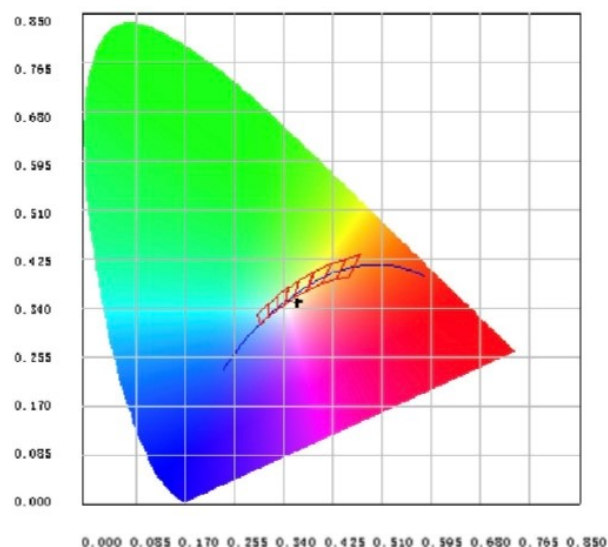
(a) : not applicable;

(b) : not applicable;



光谱参数

x: 0.3660 y: 0.3520
u: 0.2255 v: 0.3253
主波长: 585.0 nm 峰值波长: 451.5 nm
半波宽: 25.0 nm 色纯度: 0.154
相关色温: 4269 K 显色指数: 81.0
SDCM 34.05 DUV: -0.0076
R% 30.7 G% 43.7 B% 25.6
R1: 81.6 R2: 87.5 R3: 89.2
R4: 78.8 R5: 79.2 R6: 79.7
R7: 85.0 R8: 66.6 R9: 9.3
R10: 66.6 R11: 72.6 R12: 53.9
R13: 82.4 R14: 93.5 R15: 78.4



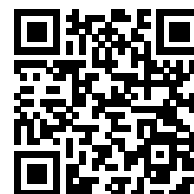
光电参数

光通量: 651.844 lm 光效率: 77.251 lm/w 光功率: 7.26 mw
测试电流: 704.2 mA 正向电压: 11.98 V 功率: 8.438 w 功率因数:

备注:

2835-120 双色 R161

Model placed on the Union market from 11/03/2019



EPREL registration number: 1426477

<https://eprel.ec.europa.eu/qr/1426477>

Supplier: BEMETA DESIGN s.r.o. (Manufacturer)

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Customer care service:

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