

Product Information Sheet

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

Supplier's name or trade mark: ENOVALITE

Supplier's address: ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: ELED700402

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD2835		
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:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	Energy efficiency class	D
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°)	150 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	2700...6500
On-mode power (P_{on}), expressed in W	1,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
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	80
Outer dimensions without separate control gear, lighting control	Height	73	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	73	
	Depth	1	
			See image in last page

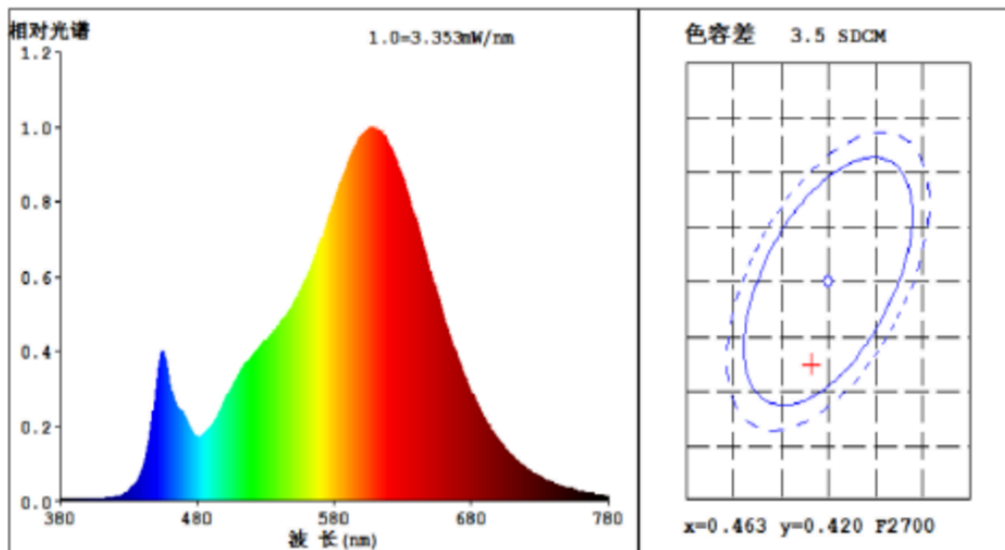
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,463 0,420	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	80	Survival factor	-	
the lumen maintenance factor	-			

(a) : not applicable;

(b) : not applicable;



Attachment 1: Photometric test record



颜色参数:

色品坐标: $x=0.4612$ $y=0.4124$ / $u'=0.2626$ $v'=0.5282$ 相关色温: CCT=2695K (色差 $Duv=0.0005$) 主波长: $\lambda_d=584.0nm$ 色纯度: Purity=62.2%色比: R=25.4% G=72.3% B=2.3% 峰值波长: $\lambda_p=608.8nm$ 半峰带宽: FWHM=114.5nm

显色指数: Ra=83.3 CRI=78.6 AvgR=78.3

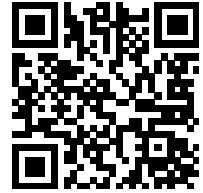
R1 =82 R2 =93 R3 =95 R4 =81 R5 =83 R6 =93 R7 =81

R8 =58 R9 =11 R10=85 R11=81 R12=76 R13=85 R14=98 R15=74

光度参数:

光通量 $\phi_v = 151.0$ lm 光效: 149.33 lm/W 辐射通量 $\phi_e = 467.2$ mW

Model placed on the Union market from 15/09/2024



EPREL registration number: 2074487

<https://eprel.ec.europa.eu/qr/2074487>

Supplier: ENOVATEK GmbH (Importer)

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