

Product Information Sheet

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

Supplier's name or trade mark: PowerLED

Supplier's address: Sheriff Dabiri, THE EWART 3, BT2 7EP UNITED KINGDOM BELFAST NORTERN IRELAND, XI

Model identifier: RGB27K-24-120-20

Type of light source:

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

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	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°)	245 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	14,4	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	80
Outer dimensions without separate con-	Height	Spectral power distribution in the	See image in last page
	Width		

trol gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	5 000	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,460 0,410
Parameters for directional light sources:				
Peak luminous intensity (cd)		271	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		6	Survival factor	0,90
the lumen maintenance factor		0,70		

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report

Sample :
Specification : RGB27K-24-120-20
Sample No. : 6
Manufacturer : /

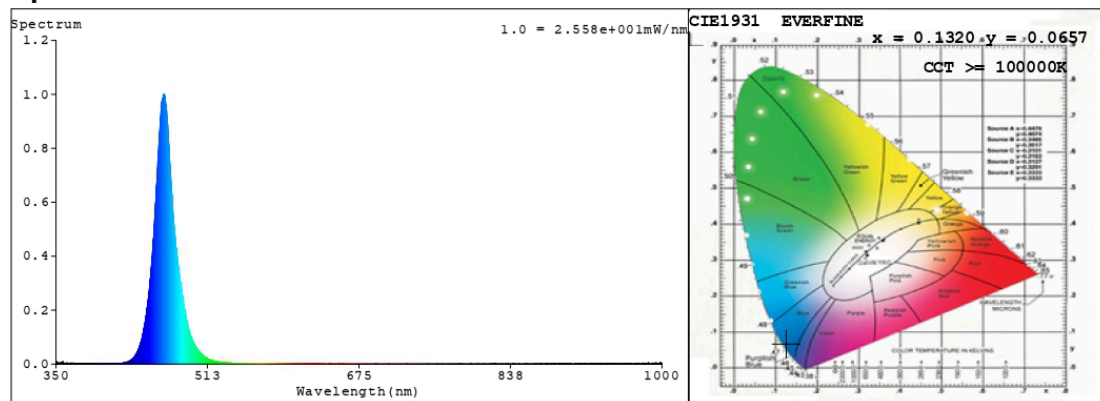
Date : 2025-08-09 10:00:23
Sam. Status : OK
Instrument : HAAS-2000(EVERFINE)
Test by : QC
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 55.0%
IP : 43125 (66%)
T : 423 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1320$ $y = 0.0657$ / $u' = 0.1498$ $v' = 0.1677$ ($duv = -1.57e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 469.6nm$ Purity = 96.6%

Peak WL: $L_p = 466nm$ FWHM: $\approx 21.5nm$ Ratio: R=0.4% G=15.9% B=83.7%

Render Index: $R_a = 0.3$ TM30: $R_f = 0$ $R_g = -78$

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 2 R6 = 0 R7 = 0

R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 0 R15 = 0

LEVEL: OUT

Photometric & Radiometric Parameters

Flux = 49.523 lm Eff. : 13.20 lm/W $\Phi_e = 692.13 mW$

Electrical parameters

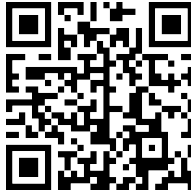
V = 24.00 V I = 0.1563 A P = 3.752 W PF = 1.000

Freq = 0.00 Hz

GBT5702

EVERFINE CORPORATION

<http://www.everfine.cn>

EPREL registration number: 2774504 Model placed on the Union market from 26/08/2025.	 https://eprel.ec.europa.eu/qr/2774504						
Complementary information (not part of the compliance assessment): Commercial name or trade designation: RGB27K-24-120-20							
Supplier: SUNPOWER GROUP HOLDINGS NI LTD (Importer)	Website: https://www.sunpowergroupholdings.com/						
Customer care service: <table border="0"> <tr> <td data-bbox="140 667 925 712">Name: Sheriff Dabiri</td> <td data-bbox="925 667 1436 712">Website:</td> </tr> <tr> <td data-bbox="140 723 925 768">Email: Logistics@sunpower-uk.com</td> <td data-bbox="925 723 1436 768">Phone: +44 118 982 3745</td> </tr> <tr> <td colspan="2" data-bbox="140 779 1436 902"> Address: THE EWART 3 BT2 7EP BELFAST </td> </tr> </table>		Name: Sheriff Dabiri	Website:	Email: Logistics@sunpower-uk.com	Phone: +44 118 982 3745	Address: THE EWART 3 BT2 7EP BELFAST	
Name: Sheriff Dabiri	Website:						
Email: Logistics@sunpower-uk.com	Phone: +44 118 982 3745						
Address: THE EWART 3 BT2 7EP BELFAST							