

Product Information Sheet

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

Supplier's name or trade mark: ORION

Supplier's address: Qualitätssicherung, Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LED 11-1202

Type of light source:

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

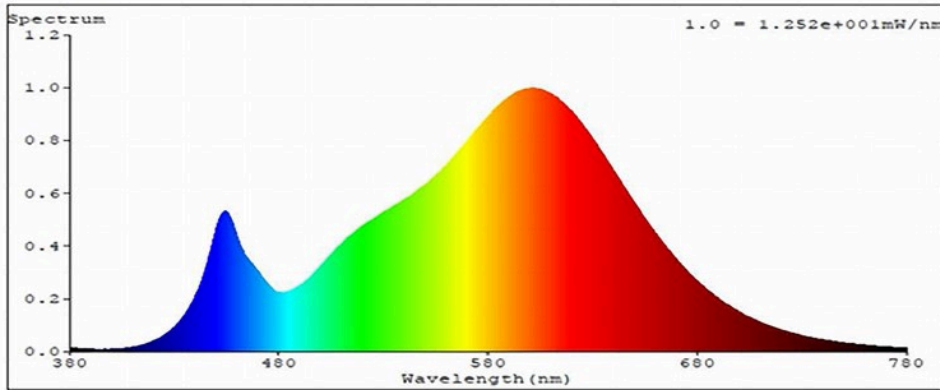
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	610 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	3 000
On-mode power (P_{on}), expressed in W	5,5	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 control gear, lighting control	Height	30	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	20	
	Depth	2	
			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)	0,440 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	5	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

C5050-3W-6W



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4305$ $y = 0.4034$ / $u' = 0.2467$ $v' = 0.5202$ ($duv=6.72e-04$)
CCT= 3107K Prcp WL: Ld=582.1nm Purity=50.3%
Peak WL: Lp=602nm FWHM: =130.9nm Ratio:R=22.1% G=75.2% B=2.8%

Render Index: Ra = 82.0

R1 =80 R2 =91 R3 =96 R4 =79 R5 =80 R6 =88 R7 =83
R8 =58 R9 =4 R10=78 R11=78 R12=70 R13=83 R14=99 R15=73
WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 631.84 lm Eff. : 114.21 lm/W Fe = 1.9115 W

Electrical parameters

V = 36.91 V I = 0.1499 A P = 5.533 W PF = 1.000