

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 8e 8W COB 13x13mm(6mm) 3000K

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

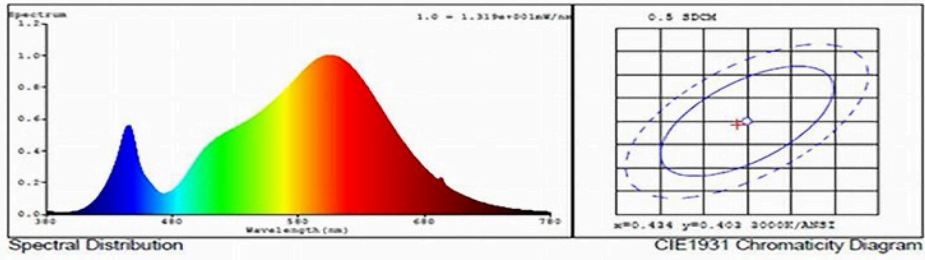
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	660 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	6,0	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	13	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	13	
	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)	0,434 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	13	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

1304-6W-8W (3000K)



Colorimetric Parameters
Chromaticity Coordinate: $x = 0.4328$ $y = 0.4023$ / $u' = 0.2486$ $v' = 0.5201$ ($duv = -1.10e-04$)
CCT= 3057K Prcp WL: Ld=582.6nm Purity=50.7%
Peak WL: Lp=606nm FWHM: =139.1nm Ratio:R=22.7% G=75.0% B=2.3%

Render Index: Ra = 83.5
R1 =82 R2 =89 R3 =96 R4 =84 R5 =82 R6 =87 R7 =85
R8 =63 R9 =13 R10=75 R11=84 R12=74 R13=83 R14=97 R15=75
WHITE:ANSI_3000K

Photometric & Radiometric Parameters
Flux = 691.22 lm Eff. : 120.66 lm/W Fe = 2.1346 W

Electrical parameters
V = 38.22 V I = 0.1499 A P = 5.729 W PF = 1.000