

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 2-1297 (LED2,5W/180lm/3000K)

Type of light source:

Lighting technology used:	other	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	3	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°)	180 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	2,5	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	5	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	5	
	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)	0,433 0,396

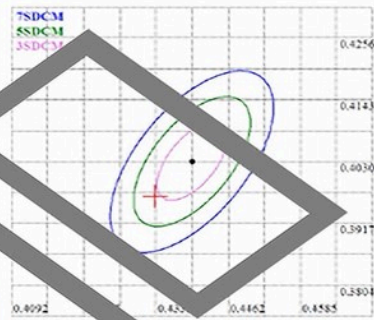
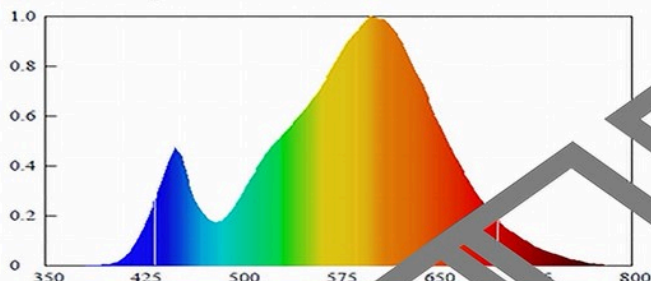
(a): not applicable;

(b): not applicable;

Attachment 3 – Measured data by integrating sphere						
	CCT	Ra	R9	x	y	SDCM
Sample number 1	2995K	81.5	8	0.4337	0.3967	3.3

Light bar_sample number 1:

光色参数 Spectroradiometric Parameters



光谱分布 Spectral Distribution

色品坐标 Chromaticity Coordinates: $x=0.4337$ $y=0.3967$ $v=0.516$ $v^*=0.516$

相关色温 Correlated Color Temperature: 2995 K

显色指数 Rendering Index: $Ra=81.5$

色纯度 Purity: 95.6

光通量 Luminous Flux: 2000.27 lm

色比 Color Ratio: $Kr=4.9\%$ $Kg=48.5\%$ $Kb=46.6\%$

色容差 Color Tolerance (SDCM): 3.3

色偏差 Chromaticity Difference: $-0.00251Duv$

主峰波长 Peak Wavelength: 582.0 nm(E)

峰值波长 Peak Wavelength: 601.2 nm

谱线带宽 Bandwidth: 130.4nm

辐射通量 Radiant Flux: 0.602 W

R1=80 R2=90 R3=96 R4=79 R5=70 R6=86 R7=83 RS=60
R9=8 R10=7 R11=77 R12=71 R13=82 R14=97 R15=74