

# 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 12,6a 12,6W SMD(63pcs) D600x7,5mm

## 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

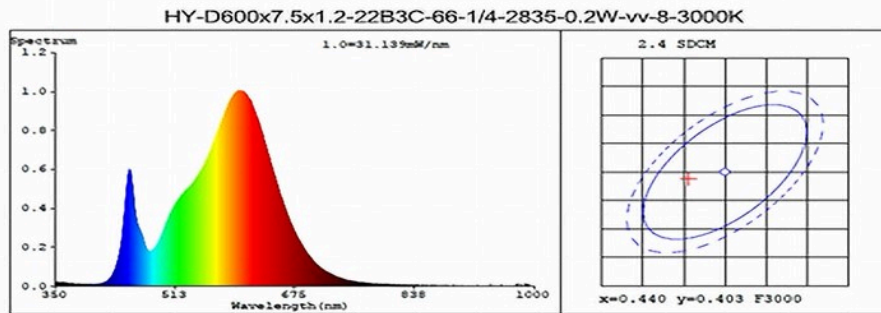
## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	D
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 500 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	10,0	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	472	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	8	
	Depth	1	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,440 0,403
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	0	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4356$   $y=0.4017$   $u'=0.2507$   $v'=0.5203$   
 CCT=3004K (Duv=-0.0008) Dominant WL:Ld =583.1nm Purity=51.3%  
 Ratio:R=22.7% G=74.8% B=2.5% Peak WL:Lp=601.9nm FWHM=121.7nm  
 Render Index:Ra=81.0  
 R1 =79 R2 =90 R3 =96 R4 =79 R5 =80 R6 =88 R7 =81  
 R8 =55 R9 =0 R10=78 R11=78 R12=69 R13=82 R14=98 R15=71

**Photo Parameters:**

Flux = 1543 lm Eff. : 165.08 lm/W Fe = 4.514 W

**Electrical parameters:**

V = 8.9032 V I = 1.050 A P = 9.347 W PF = 1.000

WHITE:ANSI\_3000K