Product Information Sheet

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

Supplier's name or trade mark: ORI	ON
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Supplier's address: Qualitätssicherung, Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LED 16c 16W SMD(80pcs) 596x4,8mm Band 3000K

Type of light source:

LED	Non-directional or directional:	NDLS
LED module		
NMLS	Connected light source (CLS):	No
No	Envelope:	-
No		
No	Dimmable:	Yes
	LED module NMLS No No	NMLS Connected light source (CLS): No Envelope: No

Product parameters

Product parameters							
Parameter		Value	alue Parameter				
General product parameters:							
Energy consur mode (kWh/10 up to the neare	00 h), rounded	14	Energy efficiency class	F			
dicating if it refe a sphere (360º)	s flux (фuse), ineers to the flux in, in a wide cone arrow cone (90º)	1 600 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 pow pressed in W	ver (P _{on}), ex-	13,8	Standby power (P _{sb}), expressed in W and rounded to the sec- ond decimal	0,00			
Networked standby power (P _{net}) for CLS, expressed in W and rounded to the second decimal		-	Colour rendering in- dex, rounded to the nearest integer, or the range of CRI-val- ues that can be set	80			
Outer dimen-	Height	596	Spectral power dis-	See image			
sions without	Width	5	tribution in the	in last page			
separate con- trol gear, light- ing control	Depth	1	range 250 nm to 800 nm, at full-load				

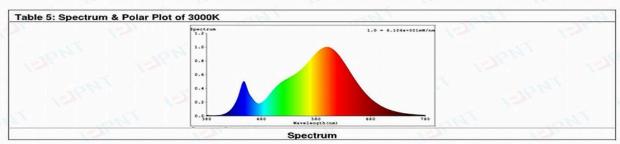
parts and non- lighting con- trol parts, if any (millime- tre)						
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-			
		Chromaticity coordi-	0,440			
		nates (x and y)	0,403			
Parameters for LED and OLED light sources:						
R9 colour rendering index value	4	Survival factor	0,90			
the lumen maintenance factor	0,96					

(a)'-': not applicable; (b)'-': not applicable;

Report No.: PNT-CP22AU6422ERP

Sample No.	Initial Фuse (Im)	3600H Фuse (lm)	Х _{ІМЕМІN} % at 3600H	Survival factor at 3600H	Measured beam angle (°)	Measured Imax (cd)	Measured light output within π sr
1#	3214.0	3101.5	96.5%	Yes	314	1010	. 181
2#	3220.4	3091.6	96.0%	Yes	-	\ -	
3#	3205.8	3103.2	96.8%	Yes		-	· ·
4#	3202.2	3086.9	96.4%	Yes	167	- 16	
5#	3255.1	3150.9	96.8%	Yes		-/	. \
6#	3249.8	3136.1	96.5%	Yes	- ~	-	
7#	3226.9	3107.5	96.3%	Yes	-1/-	-	16.
8#	3262.8	3158.4	96.8%	Yes	1.5	- 1	
9#	3231.8	3115.5	96.4%	Yes	W	- 22	
10#	3225.0	3118.6	96.7%	Yes			
Average	3229.4	3117.0	96.5%	Yes			
Required		V	≥ 96%	≥ 90%	. 1100	1600	

Table 4 for model QP-TG30W _LED driver								
Sample No.	Measured voltage(V)	Measured current (mA)	Input wattage (W)	Output wattage (W)	Energy efficiency	Pno (W)	Psb (W)	Pnet (W)
1#	229.9	153.5	32.5	29.5	90.8%	0.382		[]
2#	230.1	155.4	33.1	29.5	89.1%	0.379		
3#	230.1	152.2	32.4	29.6	91.2%	0.376	\	
Average	230.1	153.7	32.7	29.5	90.4%	0.379	()	
Required					≥81.8%	≤0.5	≤0.5	≤0.5



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