

Product Information Sheet

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

Supplier's name or trade mark: TNR IMPORT

Supplier's address: TNR IMPORT, ULBROKASS IELA 23, LV1021 RIGA, LV

Model identifier: DP-6029

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Connection by soldering		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	D
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°)	1 180 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	4 000
On-mode power (P_{on}), expressed in W	8,0	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,380 0,380	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	1	Survival factor	0,90	
the lumen maintenance factor	0,94			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,00	Colour consistency in McAdam ellipses	6	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

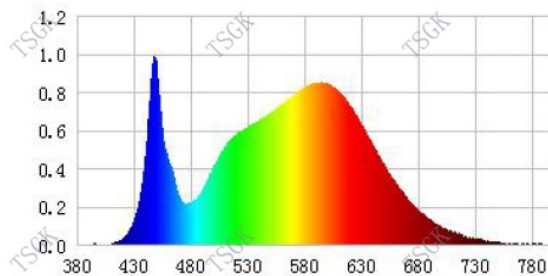
(b) '-': not applicable;

Table 3

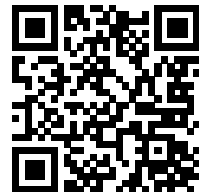
Sample No.	Initial Φ_{use} (lm)	3600H Φ_{use} (lm)	$X_{LMF,MIN}\%$ at 3600H	Survival factor at 3600H	Measured beam angle ($^{\circ}$)	Measured I_{max} (cd)	Measured light output within π sr
1#	1190.1	1131.7	95.1%	Yes	--	--	--
2#	1185.4	1128.2	95.2%	Yes	--	--	--
3#	1184.2	1125.4	95.0%	Yes	--	--	--
4#	1196.6	1135.5	94.9%	Yes	--	--	--
5#	1201.8	1141.6	95.0%	Yes	--	--	--
6#	1194.3	1134.6	95.0%	Yes	--	--	--
7#	1213.5	1153.8	95.1%	Yes	--	--	--
8#	1198.8	1138.1	94.9%	Yes	--	--	--
9#	1204.3	1144.2	95.0%	Yes	--	--	--
10#	1208.6	1147.1	94.9%	Yes	--	--	--
Average	1197.8	1138.0	95.0%	Yes	--	--	--
Required	≥ 1180	--	$\geq 94.8\%$	$\geq 90\%$	--	--	--

Table 4 for model _LED driver

Sample No.	Measured voltage(V)	Measured current (mA)	Input wattage (W)	Output wattage (W)	Energy efficiency	P _{no} (W)	P _{sb} (W)	P _{net} (W)
1#	230.0	0.143	14.8	12.0	80.9%	0.145	--	--
2#	230.0	0.142	14.7	11.9	81.0%	0.149	--	--
3#	230.0	0.144	14.9	12.0	80.5%	0.141	--	--
Average	230.0	0.143	14.8	12.0	80.8%	0.145	--	--
Required	--	--	--	--	$\geq 73.0\%$	≤ 0.5	--	--

Table 5: Spectrum & Polar Plot**Spectrum**

Model placed on the Union market from 01/08/2021



EPREL registration number: 700639

<https://eprel.ec.europa.eu/qr/700639>

Supplier: TNR IMPORT (Importer)

Website:

Customer care service:

Name: TNR IMPORT

Website:

Email: idr2@tnr.eu

Phone: +37129243478

Address:

ULBROKASS IELA 23

LV1021 RIGA

Latvia