

Product Information Sheet

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

Supplier's name or trade mark: Emos

Supplier's address: Emos spol. s.r.o., Lipnická 2844 Přerov 75002 Česká Republika

Model identifier: ZQ5185

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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

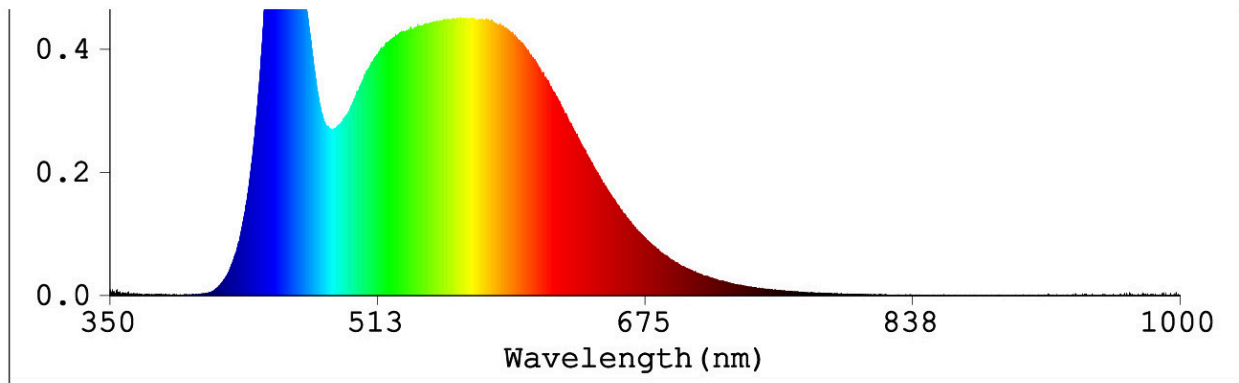
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	19	Energy efficiency class	E
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°)	2 452 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	6 500
On-mode power (P_{on}), expressed in W	19,0	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	143	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	67	
	Depth	67	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	150
		Chromaticity coordinates (x and y)	0,313 0,313
Parameters for LED and OLED light sources:			
R9 colour rendering index value	14	Survival factor	0,90
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,95	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)	0,2	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

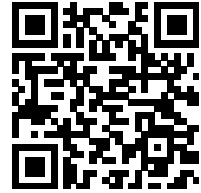
(b)-: not applicable;



Color Parameters:

Chromaticity Coordinate: $x=0.3132$ $y=0.3305/u'=0.19$
 CCT=6469K (Duv=0.0037) Dominant WL: $L_d = 489.9\text{nm}$ Puri:
 Ratio: R=13.7% G=80.1% B=6.2% Peak WL: $L_p = 455.3\text{nm}$
 Render Index: $R_a = 85.0$ CRT=78.4 $\Delta u_R = 78.5$

Model placed on the Union market from 18/11/2022



EPREL registration number: 1122406

<https://eprel.ec.europa.eu/qr/1122406>

Supplier: Emos spol. s r.o. (Manufacturer)

Website: www.emos.eu

Customer care service:

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