

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: ZQ5184

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

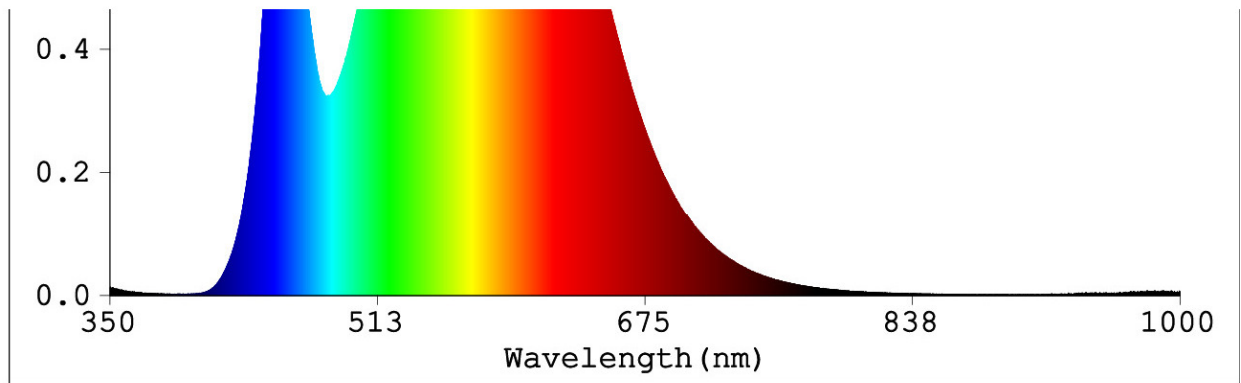
Product parameters

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	4 000
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	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)	Yes	If yes, equivalent power (W)	150	
		Chromaticity coordinates (x and y)	0,380 0,380	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	10	Survival factor	0,90	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,94	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: $x=0.3853$ $y=0.3833/u'=0.221$
 CCT=3920K (Duv=0.0016) Dominant WL: $L_d = 578.5\text{nm}$ Puri-
 Ratio: R=18.5% G=77.7% B=3.7% Peak WL: $L_p = 594.6\text{nm}$
 Render Index: $R_a = 83.4$ CRI=77.0 AvgR=76.9

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



EPREL registration number: 1122410

<https://eprel.ec.europa.eu/qr/1122410>

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

Website: www.emos.eu

Customer care service:

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