

Product Information Sheet

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

Supplier's name or trade mark: Radium

Supplier's address: Radium Customer Service, Dr. Eugen Kersting Str. 6, 51688 Wipperfurth, DE

Model identifier: 4008597201448

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		9	Energy efficiency class	G
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°)		575 in Narrow cone (90°)	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		8,3	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	90
Outer dimensions without separate control gear, light-	Height	52	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	50		
	Depth	50		

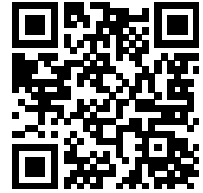
ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	80	
		Chromaticity coordinates (x and y)	0,379 0,369	
Parameters for directional light sources:				
Peak luminous intensity (cd)	840	Beam angle in degrees, or the range of beam angles that can be set	36	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	40	Survival factor	0,90	
the lumen maintenance factor	0,80			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,70	Colour consistency in McAdam ellipses	5	
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;



Model placed on the Union market from 24/01/2022



EPREL registration number: 541687

<https://eprel.ec.europa.eu/qr/541687>

Supplier: Radium Lampenwerk GmbH (Manufacturer)

Website: www.radium.de

Customer care service:

Name: Radium Customer Service

Website: www.radium.de

Email: customerservice@radium.de

Phone: +49 2267 81 1

Address:

Dr. Eugen Kersting Str. 6
51688 Wipperfürth
Germany