Product Information Sheet

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

Supplier's name or trade mark: di-soric

Supplier's address: Environmental, Gielster Stück 2, 58513 Lüdenscheid, DE

Model identifier: MB-R-540-B5-K5 / 214632

Type of light source:

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

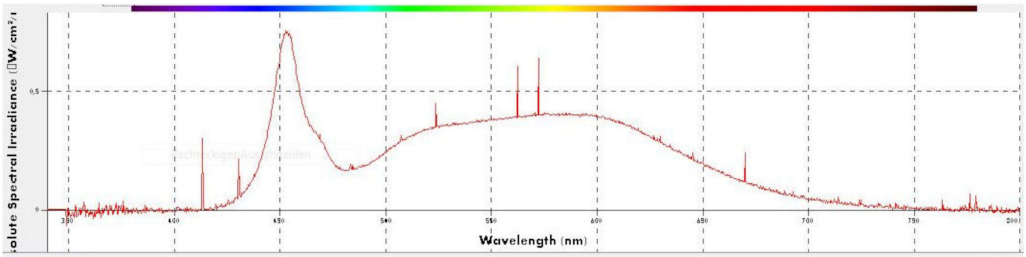
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 253 in Wide cone (120°)	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	5 000
On-mode power (P_{on}), expressed in W	12,5	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	37	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	585		
Outer dimensions without separate control gear, lighting control — Depth	46		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,430 0,400
Parameters for directional light sources:				
Peak luminous intensity (cd)		510	Beam angle in degrees, or the range of beam angles that can be set	103
Parameters for LED and OLED light sources:				
R9 colour rendering index value		10	Survival factor	1,00
the lumen maintenance factor		0,98		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;


Wavelength (nm)

Model placed on the Union market from 17/02/2025

EPREL registration number: 2266599

https://eprel.ec.europa.eu/qr/2266599

Supplier: di-soric GmbH & Co. KG (Manufacturer)

Website: https://www.di-soric.com

Customer care service:

Name: Environmental

Website: www.di-soric.com

Email: info@di-soric.com

Phone: +49 (0) 2351 / 9844-402

Address:
Gielster Stück 2
58513 Lüdenscheid
Germany