Product Information Sheet

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

Supplier's name or trade mark: GRAU

Supplier's address: Support, Siemensstrasse 35b, 25462 Rellingen Pinneberg, DE

Model identifier: GRAU LED M1

Type of light source:

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

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)	1 102 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	2 700
On-mode power (P_{on}), expressed in W	11,3	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, lighting control — Height	31	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	31		
Depth	4		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,451 0,396
Parameters for LED and OLED light sources:				
R9 colour rendering index value		50	Survival factor	1,00
the lumen maintenance factor		0,98		

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

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

Light Measurement Report: GRAU LED M1 - BR 03 1604

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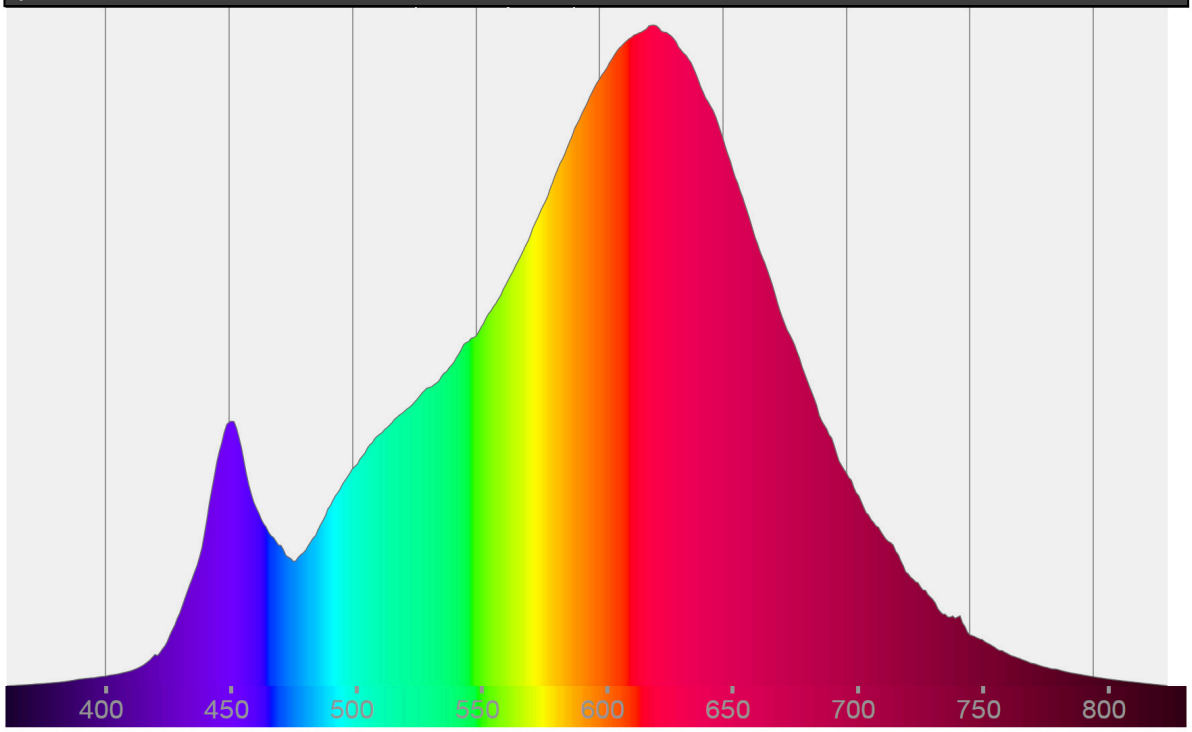
Spectral Power Distribution



EPREL registration number: 2067754 Model placed on the Union market from 17/11/2022.	https://eprel.ec.europa.eu/qr/2067754

Supplier: Grau GmbH (Manufacturer) **Website:** www.grau.art

Customer care service:

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