

# 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 S3

**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:	Only with specific dimmers

## Product parameters

Parameter		Value	Parameter	Value
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		4	Energy efficiency class	F
Useful luminous flux ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)		387 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	2 300
On-mode power ( $P_{\text{on}}$ ), expressed in W		4,1	Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal	0,00
Networked standby power ( $P_{\text{net}}$ ) 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	20	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	20		
	Depth	4		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,485 0,402	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	45	Survival factor	-	
the lumen maintenance factor	-			

(a) '-': not applicable;

(b) '-': not applicable;

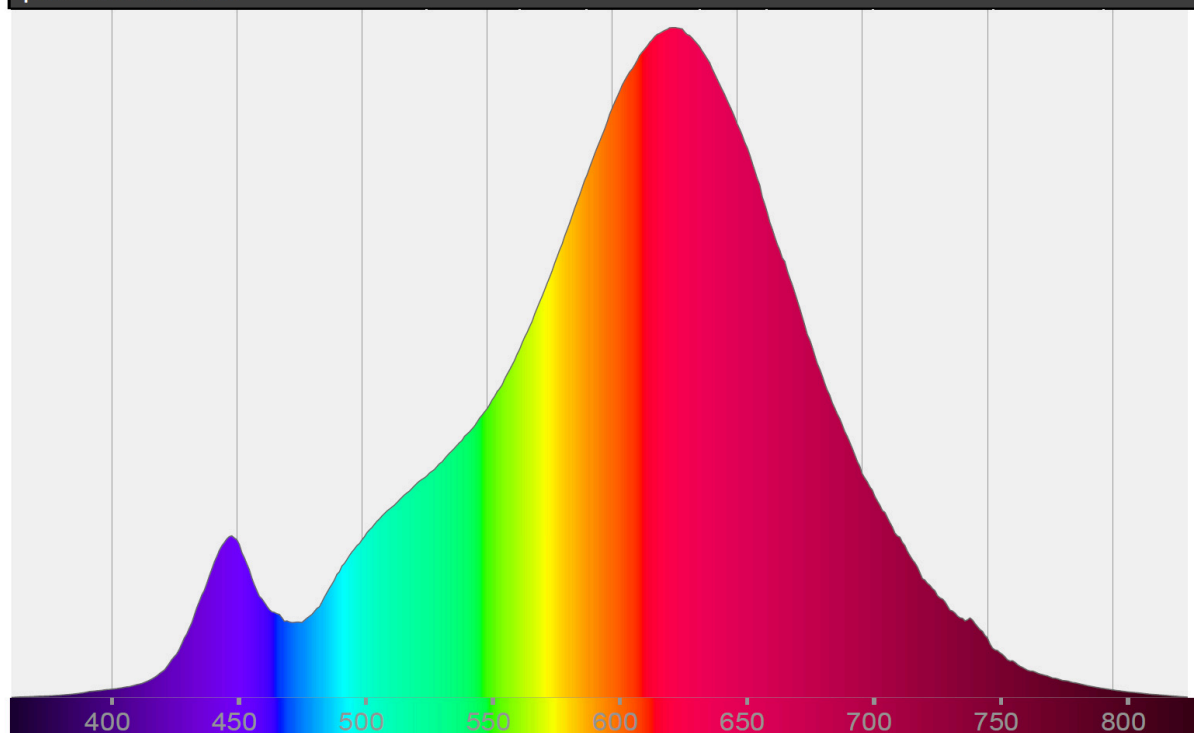
# Light Measurement Report

## GRAU LED S3 - BR 03 3090

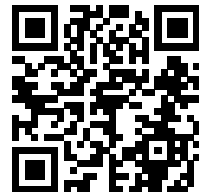


Print date: 14.06.2024

### Spectral Power Distribution



Model placed on the Union market from 01/07/2024



**EPREL registration number:** 2058960

<https://eprel.ec.europa.eu/qr/2058960>

**Supplier:** Grau GmbH (Manufacturer)

**Website:** [www.grau.art](http://www.grau.art)

**Customer care service:**

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