

Product Information Sheet

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

Supplier's name or trade mark: daytime®

Supplier's address: -

Model identifier: matrix LED-Modul SLF

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	daytime® interface		
Mains or non-mains:	NMLS	Connected light source (CLS):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Nein	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	10	Energy efficiency class	F
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°)	860 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	10 000
On-mode power (P_{on}), expressed in W	-	Standby power (P_{sb}), expressed in W and rounded to the second decimal	-
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	Height	Spectral power distribution in the	See image in last page
	Width		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	50	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,283 0,185
Parameters for directional light sources:				
Peak luminous intensity (cd)		280	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		28	Survival factor	-
the lumen maintenance factor		1,00		

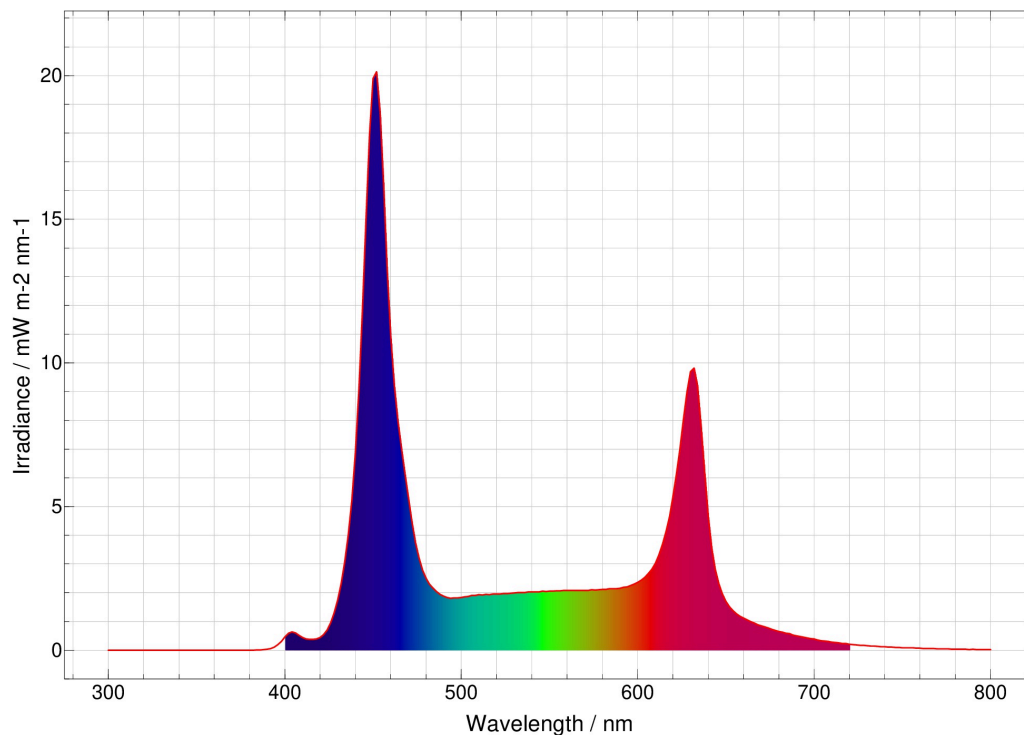
(a) '-': not applicable;

(b) '-': not applicable;

Messbedingungen:

Umgebungstemperatur: 25°C ± 1°C
Versorgungsspannung: 24V DC (konstant <0.1%)
Messentfernung: 100cm

Spektrale Lichtverteilung:



Auswertung:

Wellenlängenbereich: 400-700nm

Photosynthetische aktive Strahlung	[PAR]:	4,39 µmol/s/W
Photosynthetischer Photonfluss	[PPF]:	36,92 µmol/s
Photosynthetische Photonflussdichte	[PPFD]:	4,42 µmol/s/m ²