

Product Information Sheet

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

Supplier's name or trade mark: ChiliTec GmbH

Supplier's address: Technik, Bäckerberg 12, 38165 Lehre, DE

Model identifier: 23292

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Wire		
Mains or non-mains:	MLS	Connected light source (CLS):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Nein	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	5	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°)	400 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	2 900
On-mode power (P_{on}), expressed in W	5,0	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	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,400 0,300
Parameters for directional light sources:			
Peak luminous intensity (cd)	1	Beam angle in degrees, or the range of beam angles that can be set	38
Parameters for LED and OLED light sources:			
R9 colour rendering index value	-5	Survival factor	0,50
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	7
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)	0,9	Stroboscopic effect metric (SVM)	0,5

(a) : not applicable;

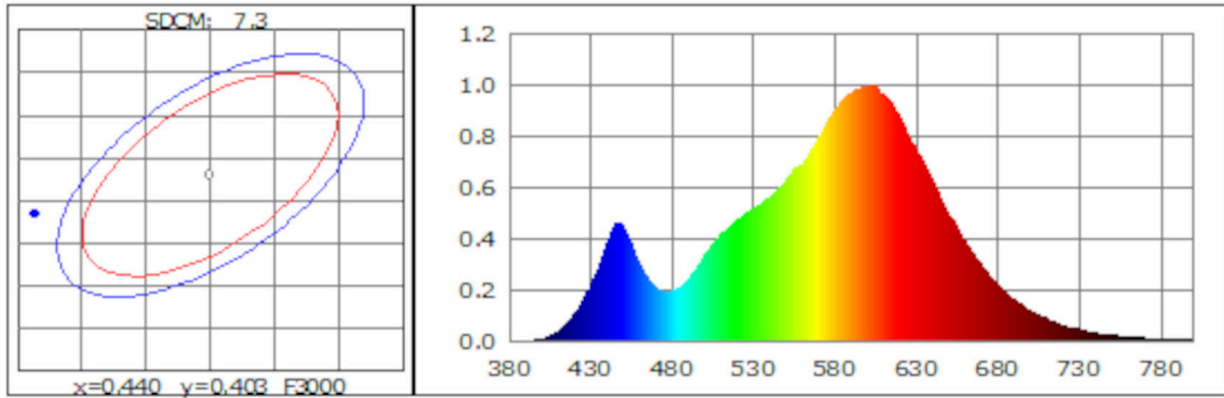
(b) : not applicable;

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4264$ $y=0.3984$ $u(u')=0.2462$ $v=0.3450$ $v'=0.5176$
CCT: $T_c=3139K$ ($duv=-0.00073$) Color Ratio: $R=0.235$ $G=0.742$ $B=0.023$
Peak Wavelength: 605nm Half Bandwidth: 125.0nm
Dominant Wavelength: 583.5nm Color Purity: 0.476

Rendering Index: $R_a=80.3$

R1 =78	R2 =89	R3 =96	R4 =79	R5 =79	R6 =86	R7 =81	R8 =55
R9 =-5	R10=75	R11=78	R12=72	R13=80	R14=98	R15=70	



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Supplier's name or trade mark: ChiliTec GmbH

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Model identifier: 23293

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Wire		
Mains or non-mains:	MLS	Connected light source (CLS):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Nein	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	5	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°)	400 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	4 200
On-mode power (P_{on}), expressed in W	5,0	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	73
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,300 0,300	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1	Beam angle in degrees, or the range of beam angles that can be set	38	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	-24	Survival factor	0,50	
the lumen maintenance factor	0,70			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	8	
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)	0,9	Stroboscopic effect metric (SVM)	0,5	

(a) '-': not applicable;

(b) '-': not applicable;

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3628$ $y=0.3688$ $u(u')=0.2166$ $v=0.3303$ $v'=0.4954$
CCT: $T_c=4466K$ ($duv=0.00182$) Color Ratio: $R=0.170$ $G=0.806$ $B=0.024$
Peak Wavelength: 445nm Half Bandwidth: 32.1nm
Dominant Wavelength: 576.8nm Color Purity: 0.195
Rendering Index: $R_a=72.7$
R1 =71 R2 =77 R3 =83 R4 =74 R5 =71 R6 =70 R7 =80 R8 =57
R9 =-24 R10=46 R11=72 R12=50 R13=71 R14=90 R15=64

