Product Information Sheet

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

Supplier's name or trade mark: ORION

Supplier's address: Qualitätssicherung, Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LED 11-1192

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED module		
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:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	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)	220 in Sphere (360°)	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	3 000
On-mode power (P_{on}), expressed in W	2,2	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	35	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	15		
Outer dimensions without separate control gear, lighting control — Depth	2		

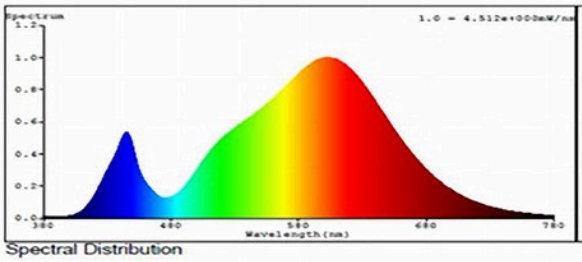
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,403
Parameters for LED and OLED light sources:				
R9 colour rendering index value		10	Survival factor	0,90
the lumen maintenance factor		0,96		

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

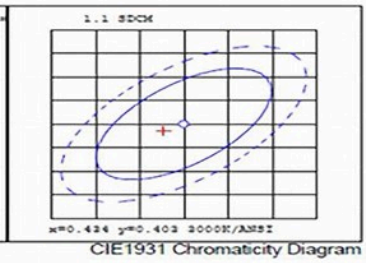
[(b)] '-' : not applicable;

Attachment 1: Photometric test record

3535-1W-3W



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4315 y = 0.4016 / u' = 0.2481 v' = 0.5196 (duv=-2.28e-04)

CCT= 3073K Prcp WL: Ld=582.6nm Purity=50.1%

Peak WL: Lp=605nm FWHM: =138.6nm Ratio:R=22.2% G=75.8% B=2.0%

Render Index: Ra = 80.5

R1 =79	R2 =86	R3 =93	R4 =80	R5 =78	R6 =82	R7 =84	
R8 =61	R9 =7	R10=68	R11=79	R12=66	R13=80	R14=96	R15=73

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 229.97 lm Eff. : 102.45 lm/W Fe = 708.57 mW

Electrical parameters

V = 3.207 V I = 0.6999 A P = 2.245 W PF = 1.000