Product Information Sheet

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

Parameter Parameter Value General product parameters Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W Networked standby power Parameter Value Parameter Value Correlated Colour reflictioncy 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 On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power - Colour rendering in- Value 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 2 000 3 000 4,5 Standby power (Psb), one conded to the second decimal	commission D sources	ELEGATED REGUI	ATION (EU) 2019/2	.015 with regard to ener	gy labelling of light			
Model identifier: LF023980405 Type of light source: Lighting technology used: LED Non-directional or directional: Light source cap-type (or other electric interface) Mains or non-mains: MLS Connected light source (CLS): Colour-tuneable light source: No Envelope: - High luminance light source: No Dimmable: Only with specific dimmer Product parameters Parameter Value Parameter Value General product parameters: Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W and rounded to the nearest 100 K, that can be set On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power - Colour rendering in-	Supplier's name	or trade mark:	SPL					
Lighting technology used: Light source cap-type (or other electric interface) Mains or non-mains: Colour-tuneable light source: High luminance light source: No Anti-glare shield: Product parameters Parameter Value Parameter Value Parameter: Seneral product parameters: Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power LED Non-directional or directional or directional or directional: Non-directional: No Dimmable: Only with specific dimmer Value Seneral product parameters: Energy efficiency class 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 On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power Colour rendering in-	Supplier's addre	ess: Schiefer Ligh	ting, Potterbakkers	traat 35, 4871EP Etten-l	eur, NL			
Lighting technology used: LED Non-directional: Light source cap-type (or other electric interface) Mains or non-mains: MLS Connected light source course (CLS): Colour-tuneable light source: No Envelope: No Anti-glare shield: No Dimmable: Only with specific dimmer Product parameters Parameter Value Parameter Value Parameter: Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W On-mode power (Pon), expressed in W No No Envelope: - Product parameters Energy efficiency class 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 of correlated colour temperatures, rounded to the nearest 100 K, that can be set on the mearest 100 K, that can be set on the	Model identifie	r: LF023980405						
directional: Light source cap-type (or other electric interface) Mains or non-mains: MLS Connected light source (CLS): Colour-tuneable light source: No Envelope: - High luminance light source: No Anti-glare shield: No Dimmable: Only with spe cific dimmer Product parameters Parameter Value Parameter Value Parameter: Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W On-mode power (Pon), expressed in W Networked standby power - Colour rendering in- Energy consumption in on-mode (kWh/1000 h), rounded to the nearest 100 K, that can be set ond decimal Networked standby power - Colour rendering in-	Type of light so	urce:						
(or other electric interface) Mains or non-mains: MLS Connected light source (CLS): Colour-tuneable light source: No Envelope: No Anti-glare shield: No Dimmable: Only with specific dimmer Product parameters Parameter Value Parameter Value Parameter: Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W No Dimmable: Only with specific dimmer Value Parameter Value Parameter Value Parameter: 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 On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power - Colour rendering in-	Lighting technology used:		LED		NDLS			
Source (CLS): Colour-tuneable light source: High luminance light source: No Anti-glare shield: No Dimmable: Only with specific dimmer Product parameters Parameter Value Parameter Value Parameter: Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W Networked standby power No Dimmable: Only with specific dimmer Value Parameter Value Parameter Value Parameter Only with specific dimmer Value Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperature, rounded to the nearest 100 K, that can be set On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power - Colour rendering in-			E27					
High luminance light source: Anti-glare shield: No Dimmable: Only with specific dimmer Product parameters Parameter Value Parameter: Value General product parameters: Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W Networked standby power No Dimmable: Only with specific dimmer Value Parameter Value Parameter Correlated Colour tempery class 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 On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power Colour rendering in- 93	,		MLS		No			
Anti-glare shield: Product parameters Parameter Value Parameter Value Parameter: Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W Networked standby power Product parameters Parameter Value Parameter Value Parameter Value Correlated: Correlated: Correlated: 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 On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power - Colour rendering in- 93	Colour-tuneable	light source:	No	Envelope:	-			
Product parameters Parameter Value Parameter Value General product parameters: Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power Value Parameter Value Correlated Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperature, rounded to the nearest 100 K, that can be set On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power - Colour rendering in- 93	High luminance	light source:	No					
Parameter Value General product parameters: Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W Networked standby power Parameter Value Parameter Parameter Value Aslericanes: Energy efficiency class 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 On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power - Colour rendering in-	Anti-glare shield:		No	Dimmable:	Only with spe- cific dimmers			
Energy consumption in on- mode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), in- dicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), ex- pressed in W Networked standby power Energy efficiency class Shere (360°) Correlated colour temperature, rounded to the near- est 100 K, or the range of correlat- ed colour temper- atures, rounded to the nearest 100 K, that can be set O,000 O,00	Product parameters							
Energy consumption in onmode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W Networked standby power Sefficiency class Energy efficiency class 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 On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power Colour rendering in- Sphere (360°)	Parameter		Value	Parameter	Value			
mode (kWh/1000 h), rounded up to the nearest integer Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W Networked standby power Useful luminous flux (фuse), indicating if it refers to the flux in Sphere (360°) Sphere (360°) Sphere (360°) Sphere (360°) Sphere (360°) Temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power Colour rendering in-	General product parameters:							
dicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) On-mode power (Pon), expressed in W Networked standby power Sphere (360°) temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set On-mode power (Pon), expressed in W and rounded to the second decimal Networked standby power Colour rendering in- 93	mode (kWh/1000 h), rounded up to the nearest integer		5		G			
pressed in W and rounded to the second decimal Networked standby power - Colour rendering in- 93	dicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)		_	temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K,	2 000			
, ,	pressed in W		4,5	expressed in W and rounded to the sec-	0,00			
and rounded to the second decimal imal nearest integer, or the range of CRI-values that can be set	(P _{net}) for CLS, expressed in W and rounded to the second dec-		-	dex, rounded to the nearest integer, or the range of CRI-val-	93			
Outer dimen- Height 135 Spectral power dis- See image		Height	135					
		Width	95		in last page			
trol gear, light- nm, at full-load	separate con- trol gear, light-		95	_	Page 1 / 2			

ing control parts and non- lighting con- trol parts, if any (millime- tre)							
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-			
			Chromaticity coordi-	0,520			
			nates (x and y)	0,415			
Parameters for LED and OLED light sources:							
R9 colour rendering index value		81	Survival factor	0,96			
the lumen maintenance factor		0,96					
Parameters for LED and OLED mains light sources:							
displacement factor (cos φ1)		0,85	Colour consistency in McAdam ellipses	6			
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		_(b)	If yes then replace- ment claim (W)	_			
Flicker metric (Pst LM)		0,1	Stroboscopic effect metric (SVM)	0,3			

(a)_{'-'} : not applicable;

(b)_{'-'} : not applicable;



SPL Spectrum Test Report

Sample : Date : 2021-04-22 11:13:02

Specification: LF023980405 Sam. Status:

Sample No. : LF023980405 01 Instrument : HaasSuite(EVERFINE)

Manufacturer : Test by : Schiefer
Assessor : damin

Test Condition

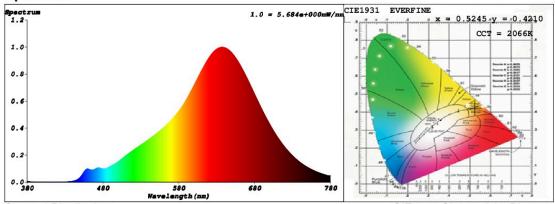
 Temprature
 : 25.3Deg
 RH
 : 65.0%

 WL Range
 : 380nm-780nm
 IP
 : 52753 (80%)

 Test Mode
 : Fast Test
 T
 : 85 ms

Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.5245 y = 0.4210 / u' = 0.2996 v' = 0.5410 (duv=2.14e-03)

CCT= 2066K Prcp WL: Ld=587.7nm Purity=83.8%

Peak WL: Lp=638nm FWHM: =117.3nm Ratio:R=33.8% G=64.7% B=1.5%

Render Index: Ra = 95.1

R1 =96 R2 =99 R3 =99 R4 =96 R5 =97 R6 =97 R7 =92

R8 = 85 R9 = 70 R10 = 96 R11 = 97 R12 = 92 R13 = 97 R14 = 98 R15 = 91

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 189.61 lm Eff.: 0.00 lm/W Fe = 791.84 mW

Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0

Schiefer Professional Lighting

www.spl-lighting.com