

Product Information Sheet

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

Supplier's name or trade mark: asalite

Supplier's address: Monoki Péter, Vak Bottyán 22/a, 4033 Debrecen Hajdú-Bihar, HU

Model identifier: ASAL0146

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

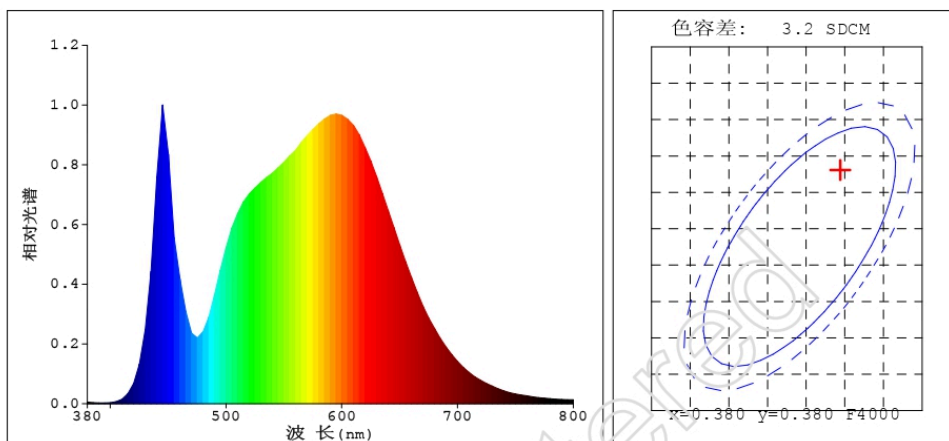
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 620 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	4 000
On-mode power (P_{on}), expressed in W	18,0	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	81
Outer dimensions without separate control gear, lighting control	Height	140	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	70	
	Depth	1	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	105
		Chromaticity coordinates (x and y)	0,379 0,382
Parameters for LED and OLED light sources:			
R9 colour rendering index value	9	Survival factor	0,90
the lumen maintenance factor	0,95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,70	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 replacement claim (W)	-
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

(b)-: not applicable;

电光源测试报告



颜色参数:

色品坐标: $x=0.3846$ $y=0.3884$
 色品坐标: $u'=0.3846$ $v'=0.3884$ ($duv=4.18e-03$)
 相关色温: $T_c=3976K$ 主波长: $\lambda_d=577.2nm$ 色纯度: $Pur=32.0\%$ 质心波长: $571.0nm$
 色比: $R=19.6\%$ $G=77.5\%$ $B=2.9\%$ 峰值波长: $\lambda_p=445.0nm$ 半宽度: $\Delta\lambda_p=21.1nm$
 显色指数: $Ra=82.9$
 R1 =81 R2 =87 R3 =93 R4 =84 R5 =81 R6 =83 R7 =87
 R8 =67 R9 =10 R10=70 R11=84 R12=65 R13=82 R14=96 R15=74

光度参数:

光通量: 2462.4 lm 辐射通量: 7.4575 W 光效: 131.5 lm/W

电参数:

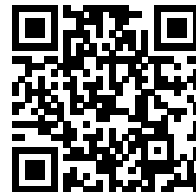
灯具电参数: $U=231.5V$ $I=0.1528A$ $P=18.73W$ $PF=0.5296$

仪器状态:

扫描范围: 380.0nm-800.0nm 扫描间隔: 5.0nm[0] 主通道峰值: $I_p=9603$ ($G=3, D=48$)
 参考通道: REF=10772 (R=3) 最大波动: $\%=-0.872\%$ 倍增管: 33.6℃ 测试装置: 32.0℃

产品型号: ASAL0146 A70 18W4000K1020C 制造厂商:
 产品编号: 2049 测试单位:
 环境温度: 25.3℃ 环境湿度: 65.0%
 测试人员: H 测试日期: 2020-06-30 16:46:16
 软件版本: V2.00.100 测试仪器: 远方PMS-50SSA_V1系统(11040002)

Model placed on the Union market from 25/06/2019



EPREL registration number: 842583

<https://eprel.ec.europa.eu/qr/842583>

Supplier: Asalite Lighting Kft. (Importer)

Website: www.asalite.com

Customer care service:

Name: Monoki Péter

Website: www.asalite.com

Email: petermonoki@asalite.com

Phone: +36704333200

Address:

Vak Bottyán 22/a

4033 Debrecen

Hungary