

# Product Information Sheet

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

**Supplier's name or trade mark:** MS-belysning

**Supplier's address:** AS Metall-Service/MS-Belysning, Gardermovegen 95 B, 2030 NANNESTAD, NO

**Model identifier:** 9400000051

## 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:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	680 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	2 700
On-mode power ( $P_{on}$ ), expressed in W	7,0	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	90
Outer dimensions without separate control gear, lighting control	Height	107	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	Yes	If yes, equivalent power (W)	75
		Chromaticity coordinates (x and y)	0,476 0,420
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	90	Survival factor	0,85
the lumen maintenance factor	0,96		

(a) : not applicable;

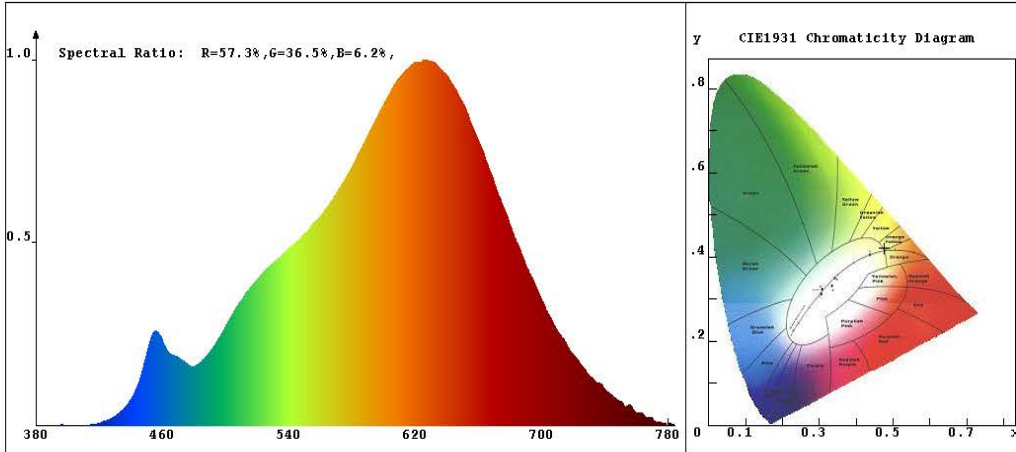
(b) : not applicable;

# LED Test Report

**Product Mark**

Product Type :A60 3SD  
 Temperature : 'C  
 Operator :  
 Remark:

Manufacturer :  
 Humidity :65%  
 Test Date :2022-04-25



**Chroma Parameters**

Chro.Coor.:x=0.4761 y=0.4209 u=0.2683 v=0.3558 duv=0.0026  
 CCT: 2564K Dominant Wave.:584.2nm Purity:69.3%  
 Flux RGB Ratio:R=27.5%,G=71.2%,B=1.2% Peak Wave:625.7nm Half Width:139.5nm

**Rendering Index:Ra= 93.3**

R1 =93 R2 =97 R3 =99 R4 =93 R5 =93 R6 =98 R7 =92 R8 =81  
 R9 =59 R10=91 R11=95 R12=84 R13=94 R14=99 R15=88

**Photo Parameters**

Flux:682.861m Effi.:104.9lm/W Radiant:2247.2mW Iv:0.0mcd  
 Efficiency:0.115 Effi Level:A+ (EU 874-2012)

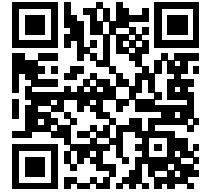
**Ele. Parameters**

Voltage:U=230.500V Current:I=0.0590A  
 Power:P=6.51W Power Factor:PF=0.478

**Instrument state**

Instrument:Hopoo HP8000S Integral Time: 200.000ms VPeak: 15080  
 VDark: 1077 Scan Range: 380-780nm Product ID: 201607129

Model placed on the Union market from 01/08/2022



**EPREL registration number:** 1302532

<https://eprel.ec.europa.eu/qr/1302532>

**Supplier:** AS METALL-SERVICE (Importer)

**Website:** [www.ms-belysning.no](http://www.ms-belysning.no)

**Customer care service:**

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