



ENERG

COREL ITALY

ST70 6K

A

B

C

D

E

F

G

F

63

kWh/1000h



2019/2015

Product Information Sheet

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

Supplier's name or trade mark: COREL ITALY

Supplier's address: Amministrazione, Triumplina 28, 25123 Brescia Brescia BS, IT

Model identifier: ST70 6K

Type of light source:

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

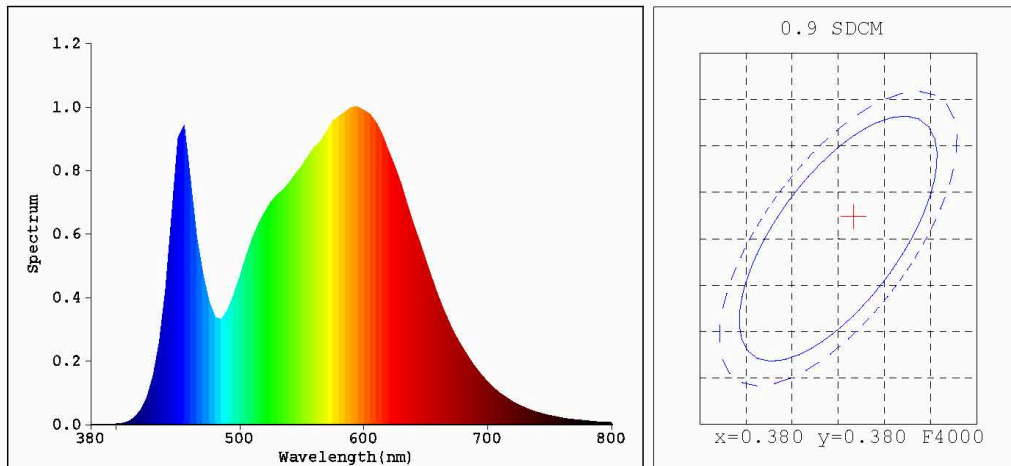
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	63	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	7 400 in Wide cone (120°)	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	6 500
On-mode power (P_{on}), expressed in W	63,0	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)	0,380 0,380	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	4	Survival factor	1,00	
the lumen maintenance factor	0,96			

(a) : not applicable;

(b) : not applicable;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3817$ $y=0.3824/u'=0.2237$ $v'=0.5042$
Tc=4007K Dominant WL:Ld=577.9nm Purity=29.3% Centroid WL:569.0nm
Ratio:R=19.6% G=77.0% B=3.4% Peak WL:Lp=595.0nm HWL:148.9nm
Render Index:Ra=82.8
R1 =81 R2 =89 R3 =96 R4 =81 R5 =81 R6 =85 R7 =86
R8 =64 R9 =7 R10=75 R11=79 R12=61 R13=83 R14=98 R15=74

Photo Parameters:

Flux: 6086.9 lm Fe: 18.394 W Efficacy:86.30 lm/W
LEVEL: WHITE:ANSI_4000K

Electrical Parameters:

Luminaire: U=231.5V I=0.3415A P=70.53W PF=0.8922

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=19239 (G=3,D=51)
REF=36483 (R=3) %=-0.341% PMT: 27.9 centigrade [150.0]

Product Type:MDT-6003-SMD70
Number:200
Temperature:25.3 deg
Test Operator:
Software:V2.00.100

Manufacturer:
Test Department:
Humidity:65.0%
Test Date:2021-09-11 09:35:54
Instrument:PMS-80_V1 (SN:1007012)