Product information sheet

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

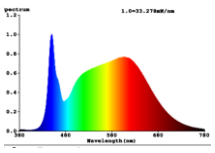
Supplier's name or trade mark:	Besteco
Supplier's address:	Besteco S.R.O, Uvalska 34, Prague 10, Czech Republic
Model identifier:	MLSK0606-H
Type of light source:	LED

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	No cap-type		
Mains or non-mains:	NMLS	Connected light source (CLS):	no
Colour-tuneable light source:	no	Envelope:	no
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/1 000 h), **rounded up to the nearest integer**	10.5	Energy efficiency class	D
Useful luminous flux (Φuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1594 lm 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	4000K
On-mode power (P_{on}), expressed in W	10.5	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0.00
Networked standby power (P_{net}) for CLS, expressed in Wand rounded to the second decimal	–	Colour rendering index, rounded to the nearest integer, or the range of CRI- values that can be set	87.1
Outer dimensions (-) (-) without separate control gear, lighting control parts and non- lighting control parts, if any (millimetre) — Height	1700	Spectral power distribution in the range 250 nm to 800 nm, at full-load	
Width	8mm		
Depth	5mm		
Claim of equivalent power (-)	no	If yes, equivalent power (W)	no
		Chromaticity coordinates (x and y)	0,3740 0,3755

Parameters for directional light sources:

Peak luminous intensity (cd)	_	Beam angle in degrees, or the range of beam angles that can be	120

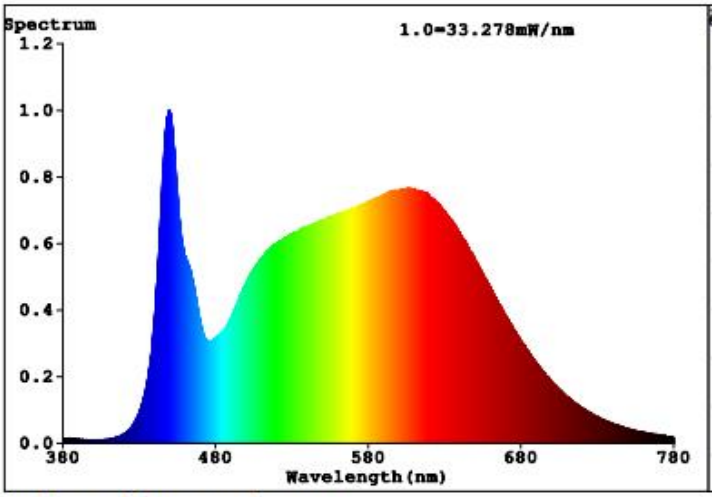
Parameters for LED and OLED light sources:

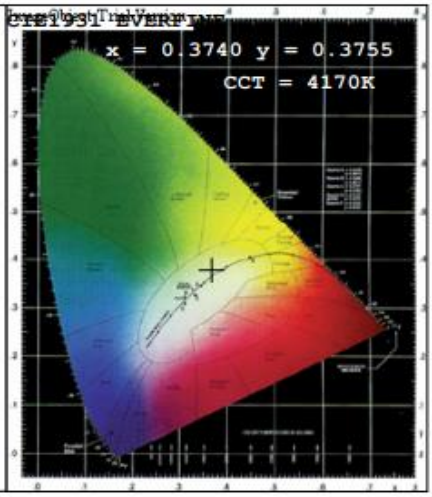
R9 colour rendering index value	53	Survival factor	≥0.9
the lumen maintenance factor	≥0.96		

Parameters for LED and OLED mains light sources:

displacement factor (cos φ1)	_	Colour consistency in McAdam ellipses	_
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	_	If yes then replacement claim (W)	_
Flicker metric (Pst LM)	_	Stroboscopic effect metric (SVM)	_

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3740 y=0.3755/u'=0.2214 v'=0.5001

CCT=4170K(Duv=0.0013) Dominant WL:Ld =577.6nm WL:Lc = --nm Purity=24.9%

Ratio:R=18.9% G=76.9% B=4.2% Peak WL:Lp=449.8nm FWHM=22.5nm

Render Index:Ra=91.1 CRI=87.1

R1 =91	R2 =94	R3 =96	R4 =91	R5 =90	R6 =91	R7 =93	
R8 =82	R9 =53	R10=86	R11=92	R12=70	R13=92	R14=98	R15=87

Photo Parameters:

Flux = 1594 lm Eff. : 156.70 lm/W Fe = 5.251 W

Electrical parameters:

V = 11.995 V I = 0.8483 A P = 10.18 W PF = 1.000

LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 701 ms Ip = 40468 (62%)

GBT5702