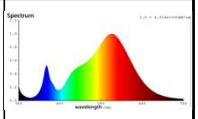
Product information

1. Supplier's name or trade mark： Etman International ASA
2. Supplier's address :Fossveien 61, Tengs, 4373 Egersund, Norway
3. Model identifier： ETLEDBEDUSB3KMW
4. Type of light source:

Lighting technology used	LED	Non-directional or directional	DLS
		Connected light source （CLS)	
Light source cap-type (or other electric interface)	Terminal	--	
Mains or non-mains	MLS	Connected light source （CLS)	NO
Colour-tunable light source	No	luminance-HLLS in cd/mm2 (only for HLLS)	-
High luminance light source	No	Envelope	No
Anti-glare shield	No	Dimmable	Yes
Product parameters			
Parameter	Value	Parameter	Value
General product parameters			
Energy consumption in on-mode (KWh/1000h)	3W	The calculations performed with the parameters, including the determination of the energy efficiency class;	G
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°)	200lm in a narrow cone	Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set	3000K
On-mode power （Pon), expressed in W	3,0	Standby power (Psb), expressed in W and rounded to the second decimal	-
Networked standby power (Pnet) for CLS, expressed in W and rounded to the second decimal	No	Colour rende ring index ,rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts , if any (millimeter)	Height:200mm	Spectral power distribution in the range 250nm to 800nm, at full-load	
	Width:115mm		
	Depth:307mm		
Claim of equivalent power (c)	No	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,434 0,403
Parameters for directional light sources			
Peak luminous intersity (cd)	307 cd	Beam angle in degrees , or the range of beam angles that can be set	50°
Parameters for LED and OLED light sources			
R9 colour rende ring index value	16	Survival factor	0,90
the lumen main tenance factor			
Parameters for LED and OLED mains light sources			
Displacement factor (cosφ1)	0,90	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	No	IF yes, then replacement claim (W)	-
Flicker metric (Pst LM)	0,4	Stroboscopic effect metric (SVM)	0,4

ANNEX VI

Technical documentation

The technical documentation referred to in point 1(d) of Article 3 shall include:

(a) the name and address of the supplier :

Etman International ASA

Gamle Eigerøyveien 87, 4373 Egersund, Norway

(b) supplier’s model identifier : ETLEDBEDUSB3KMW

(c) the model identifier of all equivalent models already placed on the market : None

(d) identification and signature of the person empowered to bind the supplier : Corporate James

(e) the declared and measured values for the following technical parameters:

(1) useful luminous flux (Φuse) in lm : 200 lm

(2) colour rendering index (CRI) : CRI80

(3) on-mode power (P on) in W : 3W

(4) beam angle in degrees for directional light sources (DLS) : None

(5) correlated colour temperature (CCT) in K for FL and HID light sources : 3000K

(6) 'standby power (Psb) in W, including when it is zero : 0W

(7) networked standby power (Pnet) inW for connected light sources (CLS) : None

(8) displacement factor (cos φ1) for LED and OLED mains light sources : 0.9

(9) colour consistency in MacAdam ellipse steps for LED and OLED light sources :SDCM≤5

(10) luminance-HLLS in cd/mm^2 (only for HLLS) : None

(11) flicker metric (PstLM) for LED and OLED light sources :0.4

(12) stroboscopic effect metric (SVM) for LED and OLED light sources :0.4

(13) excitation pur ity, only for CTLS, for the following colours and dominant wavelength within the given range: Colour Dominant wave-length range Blue 440 nm — 490 nm : None

Green 520 nm — 570 nm Red 610nm —670nm : None

(f) the calculations performed with the parameters, including the determination of the energy efficiency class

η tm=(200/3）*1.176 =78.4 < 85, belong to G class.

(g) references to the harmonised standards applied or other standards used : EU 2019/2020 & EU 2019/2015 & EU 2021/340& EU 2021/341

(h) testing conditions if not described sufficiently in point (g) : None

(i) the reference control settings, and instructions on how they can be implemented, where applicable : None

(j) instructions on how to remove lighting control parts and/or non-lighting parts, if any, or how to switch them off or minimise their power consumption during light source testing :None

(k) specific precautions that shall be taken when the model is assembled, installed, maintained or tested :None