Product Information Sheet

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

Supplier's name or trade mark: LUXULA

Supplier's address: ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: LX-62-CCT-BL

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD		
Mains or non-mains:	MLS	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	36	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 600 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	3000...6000
On-mode power (P_{on}), expressed in W	36,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
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 separate control gear, lighting control — Height	28	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	620		
Outer dimensions without separate control gear, lighting control — Depth	620		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,402 0,368
Parameters for LED and OLED light sources:				
R9 colour rendering index value		80	Survival factor	-
the lumen maintenance factor		-		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	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)	0,9

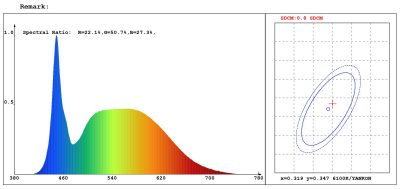
[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

LED Test Report

Product Mark

Product Type :
Manufacturer :BOHUA
Temperature :65'C
Humidity :65%
Operator :admin
Test Date :2022-10-11 11:27:13
Remark:



Chroma Parameters

Chro.Coor.:x=0.3201 y=0.3484 u=0.1958 v=0.3196 duv=0.0093
CCT: 6040K Dominant Wave.:507.5nm Purity:4.1%
Flux RGB Ratio:R=13.3%,G=83.3%,B=3.4% Peak Wave:448.5nm Half Width:17.4nm

Rendering Index:Ra= 81.7

R1 =78 R2 =86 R3 =92 R4 =82 R5 =80 R6 =82 R7 =88 R8 =66
R9 =-4 R10=68 R11=81 R12=59 R13=80 R14=96 R15=71

Photo Parameters

Flux:4035.09lm EM.:109.7lm/W Radiant:11457.6mW Iv:0.0mcd
Efficiency:0.114 EE Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=229.000V Current:I=0.1500A
Power:P=33.72W Power Factor:PF=0.977

Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 Efficacy:0.0lm/W

Instrument state

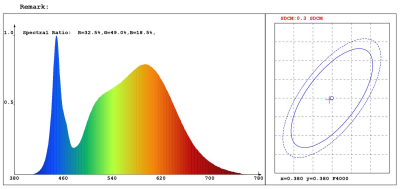
Instrument:Hopoo HP8000 Integral Time: 16.904ms VPeak: 14794
VDark: 1083 Product ID: 201306373

HPLED Fast Spectrophotometer Test Report

LED Test Report

Product Mark

Product Type :
Manufacturer :BOHUA
Temperature :65'C
Humidity :65%
Operator :admin
Test Date :2022-10-11 11:28:03
Remark:



Chroma Parameters

Chro.Coor.:x=0.3793 y=0.3795 u=0.2232 v=0.3351 duv=0.0016
CCT: 4052K Dominant Wave.:578.0nm Purity:27.7%
Flux RGB Ratio:R=18.0%,G=79.8%,B=2.2% Peak Wave:448.5nm Half Width:17.1nm

Rendering Index:Ra= 82.8

R1 =81 R2 =88 R3 =93 R4 =83 R5 =81 R6 =84 R7 =87 R8 =66
R9 =8 R10=71 R11=83 R12=60 R13=82 R14=96 R15=75

Photo Parameters

Flux:4194.83lm EM.:104.7lm/W Radiant:11696.2mW Iv:0.0mcd
Efficiency:0.109 EE Level:A++ (EU 874-2012)

Ele. Parameters

Voltage:U=229.000V Current:I=0.1500A
Power:P=33.65W Power Factor:PF=0.977

Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 Efficacy:0.0lm/W

Instrument state

Instrument:Hopoo HP8000 Integral Time: 21.416ms VPeak: 13562
VDark: 1241 Product ID: 201306373

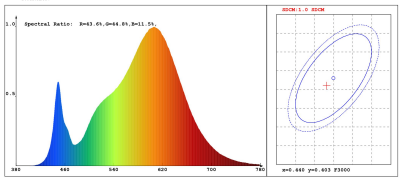
Hopoo Optoelectronics Technology CO.,LTD www.hopoo.net

HPLED Fast Spectrophotometer Test Report

LED Test Report

Product Mark

Product Type :
Manufacturer :BOHUA
Temperature :65'C
Humidity :65%
Operator :admin
Test Date :2022-10-12 16:30:05
Remark:



Chroma Parameters

Chro.Coor.:x=0.4382 y=0.4010 u=0.2527 v=0.3469 duv=-0.0014
CCT: 2953K Dominant Wave.:583.5nm Purity:51.9%
Flux RGB Ratio:R=23.4%,G=75.1%,B=1.5% Peak Wave:605.7nm Half Width:126.3nm

Rendering Index:Ra= 83.3

R1 =82 R2 =91 R3 =97 R4 =82 R5 =83 R6 =90 R7 =83 R8 =60
R9 =10 R10=79 R11=83 R12=73 R13=84 R14=99 R15=74

Photo Parameters

Flux:4107.27lm EM.:102.0lm/W Radiant:12788.7mW Iv:0.0mcd
Efficiency:0.112 EE Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=229.000V Current:I=0.1500A
Power:P=33.66W Power Factor:PF=0.977

Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 Efficacy:0.0lm/W

Instrument state

Instrument:Hopoo HP8000 Integral Time: 29.410ms VPeak: 15818
VDark: 1091 Product ID: 201306373

Hopoo Optoelectronics Technology CO.,LTD www.hopoo.net

Model placed on the Union market from 14/12/2022

EPREL registration number: 1428590

https://eprel.ec.europa.eu/qr/1428590

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

Website: www.enovatek.de

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