

Product Information Sheet

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

Supplier's name or trade mark: EL BULGARIA

Supplier's address: Nikola, Karlovsko shose 46A, 4000 Plovdiv Plovdiv Plovdiv, BG

Model identifier: 4001t/520

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):	Yes
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	26	Energy efficiency class	G
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°)	1 500 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	3 000 or 4 000 or 6 000
On-mode power (P_{on}), expressed in W	26,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,99
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,00	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	79
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,322 0,351	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	1	Survival factor	1,00	
the lumen maintenance factor	0,94			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,93	Colour consistency in McAdam ellipses	5	
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)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

SPECTRUM TEST REPORT



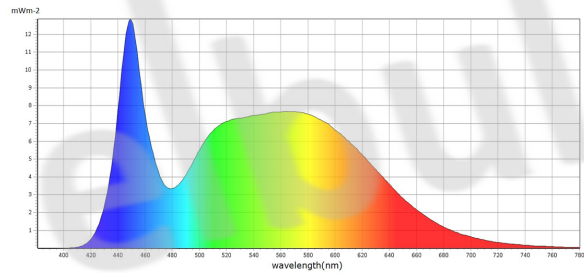
Information

User :	Measure Time :21:01:32
Model NO. : MK350N PREMIUM	Light Source :4001I-520
Memo : 4001I-520	

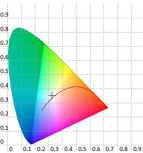
BASIC

I-Time	: 20000 us
x	: 0.3225
y	: 0.3519
CCT	: 5922
LUX	: 493.8

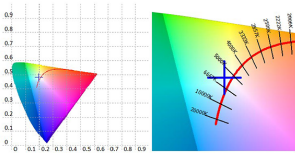
Spectrum



CIE1931



CIE1976



Company: Elbulgarla

Address:

Postcode/Town: 4000

Test location:

Date :2023/03/31

Phone number

SPECTRUM TEST REPORT



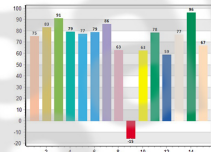
Information

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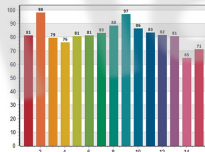
BASIC

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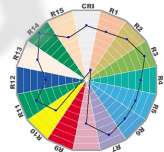
CRI: 79.26



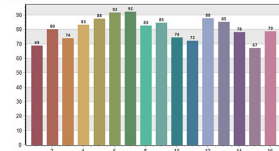
CQS: 80.43



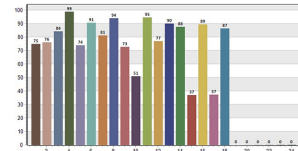
CRI-2



TM30: 82.49



TLCI: 64.06



CRI values, only R1-R8 are used to calculate final CRI

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
75.2	83.2	85.1	79.2	77.5	78.8	89.2	82.8	15.5	82.7	78.4	58.8	76.7	86.3	85.8

TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
88.8	85.2	79.0	88.2	87.6	81.6	82.3	83.7	84.7	74.3	72.9	87.8	83.3	79.2	87.2	79.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.3	88.2	75.5	76.1	80.5	81.4	83.1	86.5	86.9	86.5	83.3	81.7	80.8	84.8	73.1

Company: Elbulgarla

Address:

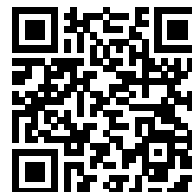
Postcode/Town: 4000

Test location:

Date :2023/03/31

Phone number

Model placed on the Union market from 08/04/2024



EPREL registration number: 1993343

<https://eprel.ec.europa.eu/qr/1993343>

Supplier: EL BULGARIA Ltd. (Importer)

Website: www.elbg.net

Customer care service:

Name: Nikola

Website: www.elbg.net/bg

Email: elbulgaria@gmail.com

Phone: 00359 889881303

Address:

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4000 Plovdiv
Bulgaria