

Product Information Sheet

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

Supplier's name or trade mark: Buster+Punch

Supplier's address: Buster and Punch Ltd, St. Peters Street 29, PE9 2PF Stamford, UK

Model identifier: RFB-011579

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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:	Yes

Product parameters

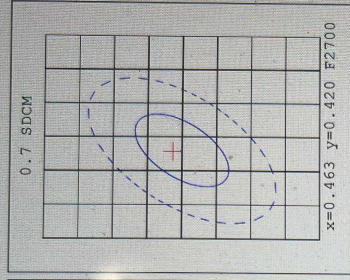
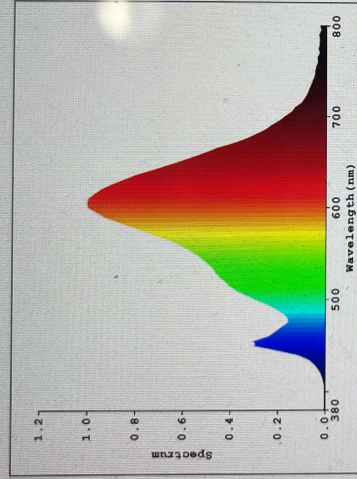
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	380 in Sphere (360°)	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	2 700
On-mode power (P_{on}), expressed in W	5,0	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 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)	0,463 0,420	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	Survival factor	1,00	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,94	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)	0,1	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4628$ $y=0.4213$ $u'=0.2597$ $v'=0.5318$
Tc=2741K Dominant WL: 582.9nm Purity=65.4% Centroid WL: 597.0nm
Ratio: R=26.6% G=71.5% B=1.9% Peak WL: 605.0nm HWL: 119.5nm
Render Index: Ra=83.1
R1 =81 R2 =91 R3 =97 R4 =82 R5 =82 R6 =91 R7 =83
R8 =58 R9 =7 R10=81 R11=82 R12=74 R13=84 R14=99 R15=72

Photo Parameters:

Flux: 383.51 lm Fe: 1.1170 W Efficacy: 77.69 lm/W

Electrical Parameters:

Luminaire: U=229.9V I=0.02438A P=4.936W PF=0.8804

Instrument Status:

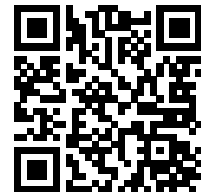
Scan Range: 380.0nm-800.0nm Interval: 5.0nm [0]
REF=9231 (R=4) $\lambda=0.110\%$ Ip=6763 (G=6, D=61)
PMT: 27.6 centigrade [118.6]

0.9

EU Buster Bulb Forked
Item Code: RFB-371578
Sample #: 1
Test Operator: KR

Manufacturer: KRHT
Test Department: KR
Humidity: 35%
Test Date: KR
Instrument: PMS-80_V1 (SN: 1001015)

Model placed on the Union market from 01/01/2022



EPREL registration number: 1110252

<https://eprel.ec.europa.eu/qr/1110252>

Supplier: Ning Pan (Manufacturer)

Website: <https://www.busterandpunch.com/>

Customer care service:

Name: Buster and Punch Ltd

Website:

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Phone: +442074070888

Address:

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