

# 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-371578

## 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

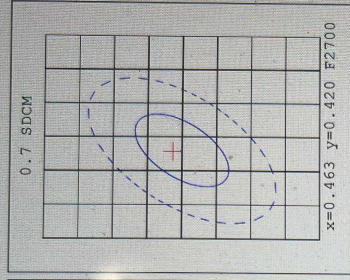
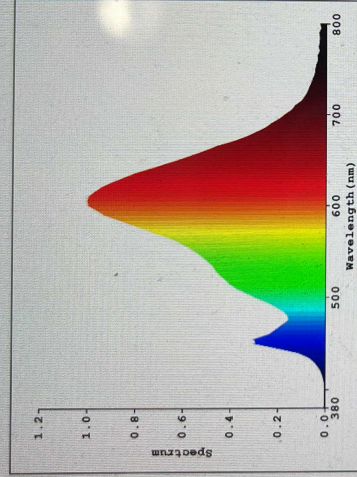
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a 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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,463 0,420	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	80	Survival factor	1,00	
the lumen maintenance factor	0,96			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	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:  $\lambda_d=582.9\text{nm}$  Purity=65.4% Centroid WL:  $597.0\text{nm}$   
Ratio: R=26.6% G=71.5% B=1.9% Peak WL:  $\lambda_p=605.0\text{nm}$  HWL:  $119.5\text{nm}$   
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:  $383.51\text{lm}$  Fe:  $1.1170\text{W}$  Efficacy:  $77.69\text{lm/W}$

## Electrical Parameters:

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

## Instrument Status:

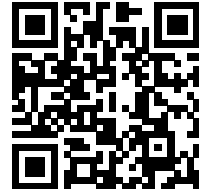
Scan Range:  $380.0\text{nm}-800.0\text{nm}$  Interval:  $5.0\text{nm}[0]$  Ip=6763(G=6,D=61)  
REF=9231(R=4)  $\%0.110\%$  PMT: 27.6 centigrade [118.6]

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:** 1110233

<https://eprel.ec.europa.eu/qr/1110233>

**Supplier:** Ning Pan (Manufacturer)

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

**Customer care service:**

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