

# 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:** BB-TD-E27-ND-CR-B

## 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:	No

## Product parameters

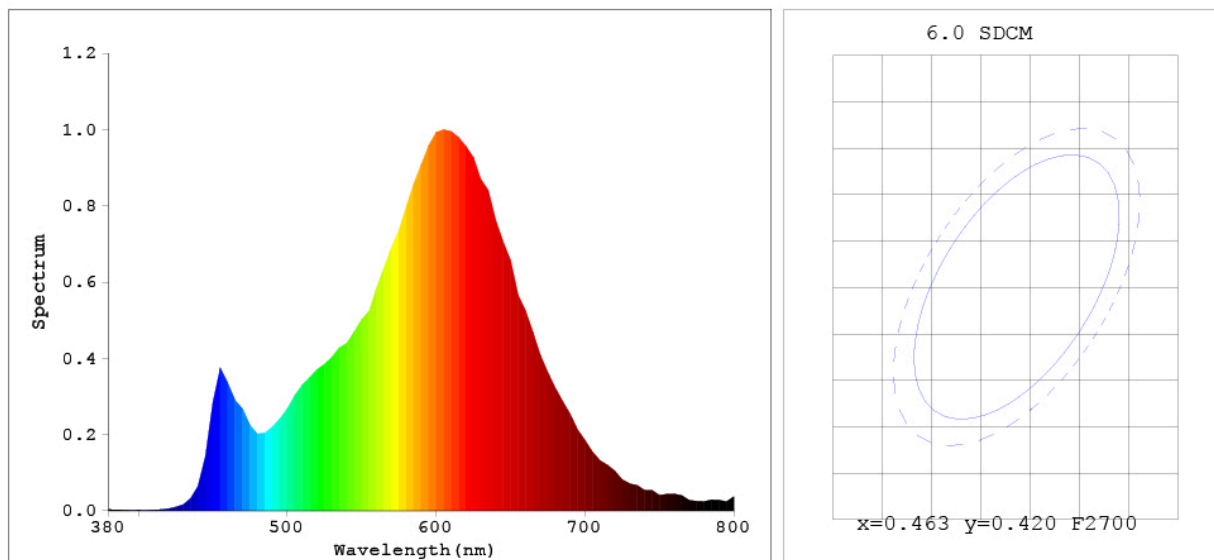
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	125 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	2,0	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	83
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	10	Survival factor	1,00	
the lumen maintenance factor	0,96			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,60	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)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

## Light Source Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4643$   $y=0.4094$   $u'=0.2659$   $v'=0.5276$

Tc=2631K Dominant WL:Ld=584.8nm Purity=62.3% Centroid WL:599.0nm

Ratio:R=27.9% G=69.8% B=2.3% Peak WL:Lp=605.0nm HWL:112.7nm

Render Index:Ra=83.2

R1 =83	R2 =95	R3 =91	R4 =80	R5 =84	R6 =95	R7 =80
R8 =58	R9 =12	R10=89	R11=81	R12=79	R13=86	R14=96
						R15=75

### Photo Parameters:

Flux: 110.46 lm Fe: 0.35231 W Efficacy:51.05 lm/W

LEVEL: WHITE:ANSI\_2700K

### Electrical Parameters:

Luminaire: U=221.2V I=0.01928A P=2.164W PF=0.5074

#### Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  
REF=4688 (R=4) %=-0.044%

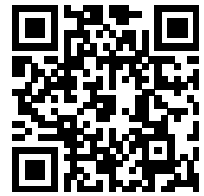
Ip=8335 (G=6,D=82)  
PMT: 32.4 centigrade [56.7]

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Product Type:BB-TD-E27-ND-CR-B  
Number:09  
Temperature:25.3 deg  
Test Operator:01  
Software:V2.00.100

Manufacturer:  
Test Department:TTC  
Humidity:65.0%  
Test Date:2021-08-18 10:17:29  
Instrument:PMS-80\_V1 (SN:1010017)

Model placed on the Union market from 30/10/2015



**EPREL registration number:** 916495

<https://eprel.ec.europa.eu/qr/916495>

**Supplier:** Ning Pan (Manufacturer)

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

**Customer care service:**

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