

# 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-GO-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

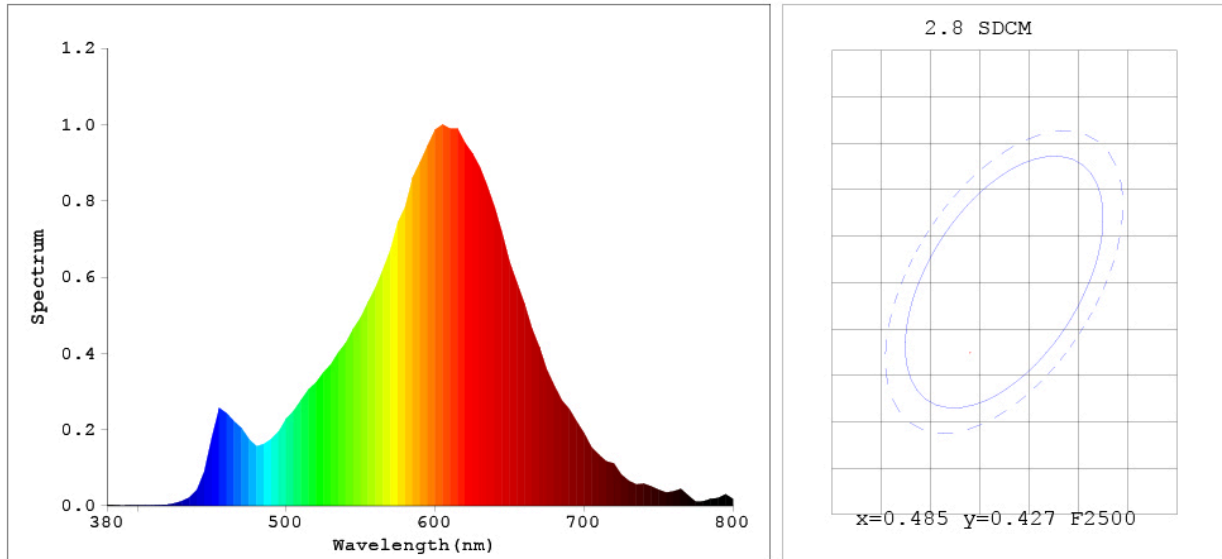
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	100 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	2 400
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	81
Outer dimensions without separate control gear, lighting control	Height	170	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	65	
	Depth	65	
			See image in last page

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)	0,485 0,427
<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 $\phi_1$ )	0,50	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:  $x=0.4821$   $y=0.4209$  /  $u'=0.2721$   $v'=0.5345$   
 Tc=2492K Dominant WL:Ld=584.7nm Purity=71.0% Centroid WL:602.0nm  
 Ratio:R=28.7% G=69.5% B=1.8% Peak WL:Lp=605.0nm HWL:111.6nm  
 Render Index:Ra=80.9  
 R1 =79 R2 =92 R3 =94 R4 =77 R5 =79 R6 =91 R7 =80  
 R8 =54 R9 =4 R10=82 R11=75 R12=73 R13=82 R14=97 R15=71

**Photo Parameters:**

Flux: 94.641 lm Fe: 0.29641 W Efficacy:43.33 lm/W  
 LEVEL: WHITE:ANSI\_2700K

**Electrical Parameters:**

Luminaire: U=221.4V I=0.01928A P=2.184W PF=0.5115

**Instrument Status:**

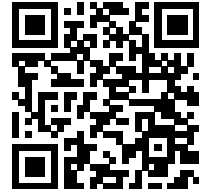
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=7222 (G=6,D=85)  
 REF=4036 (R=4) %=0.076% PMT: 32.6 centigrade [56.6]

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Product Type:BB-TD-E27-ND-GO-B  
 Number:10  
 Temperature:25.3 deg  
 Test Operator:01  
 Software:V2.00.100

Manufacturer:  
 Test Department:TTC  
 Humidity:65.0%  
 Test Date:2021-08-18 10:23:08  
 Instrument:PMS-80\_V1 (SN:1010017)

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



**EPREL registration number:** 919659

<https://eprel.ec.europa.eu/qr/919659>

**Supplier:** Ning Pan (Manufacturer)

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

**Customer care service:**

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