

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

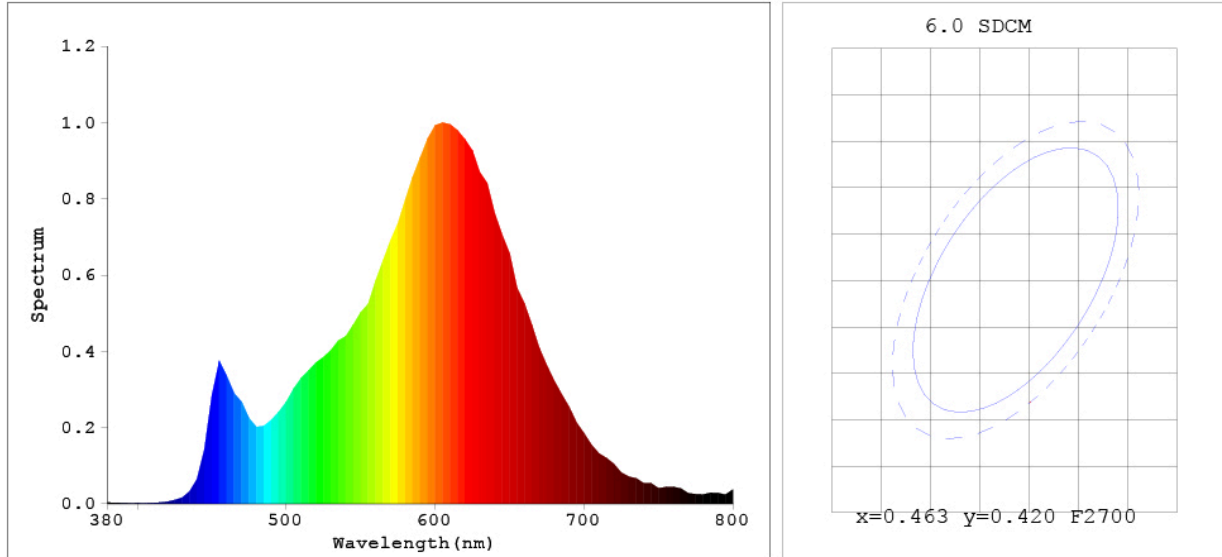
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)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

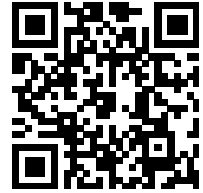
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=8335 (G=6,D=82)
REF=4688 (R=4) %=-0.044% PMT: 32.4 centigrade [56.7]

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:

Name: Buster and Punch Ltd

Website:

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