

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: CPB-141506

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

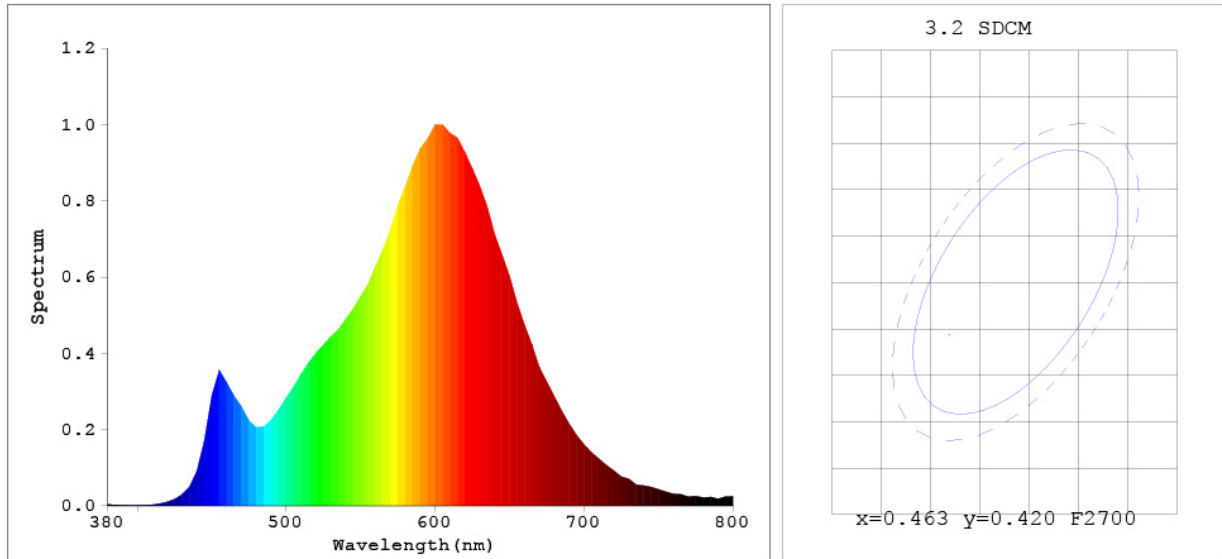
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	420 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	82
Outer dimensions without separate control gear, lighting control	Height	100	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	58	
	Depth	58	
			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	5	Survival factor	1,00
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_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)	0,9

(a)-: not applicable;

(b)-: not applicable;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4572$ $y=0.4154$ $u'=0.2587$ $v'=0.5288$
Tc=2775K Dominant WL:Ld=583.2nm Purity=61.9% Centroid WL:595.0nm
Ratio:R=26.2% G=71.6% B=2.2% Peak WL:Lp=600.0nm HWL:116.0nm
Render Index:Ra=81.6
R1 =80 R2 =92 R3 =94 R4 =78 R5 =80 R6 =91 R7 =81
R8 =56 R9 =3 R10=82 R11=77 R12=73 R13=83 R14=97 R15=72

Photo Parameters:

Flux: 415.13 lm Fe: 1.2704 W Efficacy:85.60 lm/W
LEVEL: WHITE:ANSI_2700K

Electrical Parameters:

Luminaire: U=221.2V I=0.02608A P=4.849W PF=0.8409

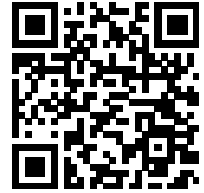
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=31706(G=6,D=85)
REF=17320(R=4) %=0.250% PMT: 32.9 centigrade [57.9]

Product Type:CPB-141506
Number:06
Temperature:25.3 deg
Test Operator:01
Software:V2.00.100

Manufacturer:
Test Department:TTC
Humidity:65.0%
Test Date:2021-08-18 09:35:59
Instrument:PMS-80_V1 (SN:1010017)

Model placed on the Union market from 30/10/2020



EPREL registration number: 920408

<https://eprel.ec.europa.eu/qr/920408>

Supplier: Ning Pan (Manufacturer)

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

Customer care service:

Name: Buster and Punch Ltd

Website:

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