

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

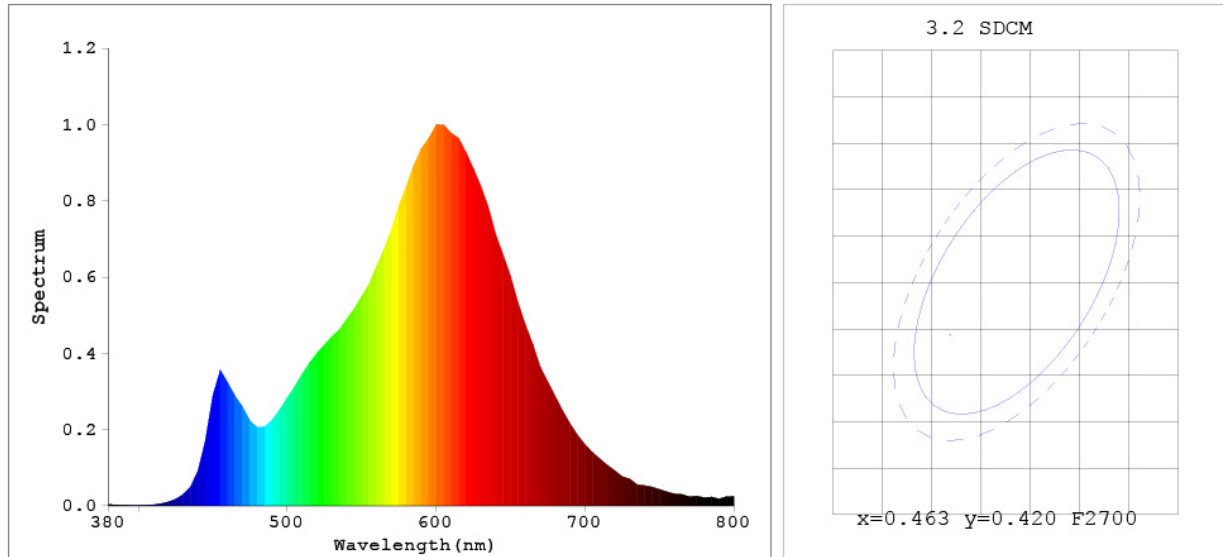
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	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 ^(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: $x=0.4572$ $y=0.4154$ $u'=0.2587$ $v'=0.5288$

$T_c=2775K$ Dominant WL: $\lambda_d=583.2nm$ Purity=61.9% Centroid WL: $595.0nm$

Ratio: R=26.2% G=71.6% B=2.2% Peak WL: $\lambda_p=600.0nm$ HWL: $116.0nm$

Render Index: $R_a=81.6$

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 $F_e: 1.2704 W$ 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:

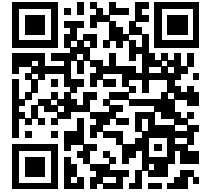
Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$
REF=17320 (R=4) $\% = 0.250\%$

$I_p=31706 (G=6, D=85)$
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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