

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** Denver

**Supplier's address:** Denver A/S, Omega 5A, 8382 Hinnerup, DK

**Model identifier:** LBF-405

## 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):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Only with specific dimmers

## Product parameters

Parameter	Value	Parameter	Value
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
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°)	470 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	1800...3000
On-mode power ( $P_{on}$ ), expressed in W	4,8	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,40
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	0,34	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	81
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			125

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	125	range 250 nm to 800 nm, at full-load	
Claim of equivalent power <sup>(a)</sup>		Yes	If yes, equivalent power (W)	40
			Chromaticity coordinates (x and y)	0,463 0,420
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		0	Survival factor	1,00
the lumen maintenance factor		0,93		
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )		0,99	Colour consistency in McAdam ellipses	3
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)		0,6	Stroboscopic effect metric (SVM)	0,1

(a)-: not applicable;

(b)-: not applicable;

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Spectral power distribution in the range 250 nm to 800 nm

