

Product Information Sheet

Supplier's name or trademark: **Centrica Hive Limited**
 Supplier's address: **Millstream, Maidenhead Road, Windsor, Berkshire, SL4 5GD, UK**
 Model identifier: **TWGU10Bulb03UK**

Type of light source

Lighting technology used	LED	Non-directional or directional	Directional
Light source cap-type (or other electric interface)	GU10	Mains or non-mains	MLS
Connected light source (CLS)	Yes	Colour-tuneable light source	Yes
Envelope	No	High luminance light source	No
Anti-glare shield	No	Dimmable	Yes

General product parameters

Energy consumption in on-mode (kWh/ 1000 h)	5.0	Energy Efficiency Class	F
Useful luminous flux (Φ_{use})	350	Beam angle correspondence	Narrow cone (90°)
Correlated colour temperature to the nearest 100K, or the range of correlated colour temperature rounded to the nearest 100K, that can be set			2700K-6500K
On-mode power (P_{on}) expressed in W	4.8	Standby power (P_{sb}) expressed in W	0.5
Networked standby power for CLS (P_{net}) expressed in W	0.5	Colour rendering index	80
Colour rendering index range (Minimum)	/	Colour rendering index range (Maximum)	/
Outer dimensions (Height)	54	Outer dimensions (Width)	50
Outer dimensions (Depth)	50		
Claim of equivalent power	Yes	Equivalent power (W)	50
Chromaticity coordinate (x)	0.458	Chromaticity coordinate (y)	0.410

Parameters for directional light sources

Peak luminous intensity (cd)	540	Beam angle	42
Beam angle range (Minimum)	36	Beam angle range (Maximum)	48

Parameters for LED and OLED light sources

R9 Colour rendering index	0.1	Survival factor	0.9
Lumen maintenance factor	0.96		

Parameters for LED and OLED mains light sources

Displacement factor ($\cos \phi_1$)	0.7	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	No	Replacement claim (W)	/
Flicker metric (Pst LM)	1	Stroboscopic effect metric (SVM)	0.4

Spectral power distribution in the range 250 nm to 800 nm, at full-load

