

Supplier name  
Supplier address  
Production description  
Tesco model no.

TESCO STORES LTD.,  
WELWYN GARDEN CITY AL7 1GA,  
TESCO LED 50W GU10 6PK COOL WHITE  
TG50C6



TYPE OF LIGHT SOURCE	LED light source
Lighting technology used	LED
Non-directional or directional	DLS
Light source cap-type (or other electric interface)	GU10
Mains or non-mains	MLS
Connected light source (CLS) - Yes/No	No
Colour-tuneable light source - Yes/ No	No
High luminance light source - Yes/ No	No
Anti-glare shield - Yes/ No	No
Dimmable	Non-Dimmable
<b>GENERAL PRODUCT PARAMETERS</b>	
Energy consumption in on-mode (KWh/1000h)	4
Energy efficiency class	E
Useful luminous flux (lm) (φuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	345lm in a narrow cone
Beam angle correspondence	36°
Correlated colour temperature type	Single value
Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	4000K
On-mode power (Pon), expressed in W	3.4
Standby power (Psb), expressed in W and rounded to the second decimal	NA
Networked standby power (Pnet) for CLS, expressed in W and rounded to the second decimal	NA
Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Colour rendering index range (Minimum)	80
Colour rendering index range (Maximum)	90
Outer dimensions (Height) (millimetre)	54
Outer dimensions (Width) (millimetre)	50
Outer dimensions (Depth) (millimetre)	50
Spectral power distribution in the range 250 nm to 800 nm, at full-load	
Claim of equivalent power	Yes
If yes, equivalent power (W)	50
Chromaticity coordinate (x)	0.382
Chromaticity coordinate (y)	0.380
<b>GENERAL PRODUCT PARAMETERS</b>	
Peak luminous intensity (cd)	747
Beam angle in degrees, or the range of beam angles that can be set	36°
<b>Parameters for LED and OLED light sources</b>	
R9 colour rendering index value	0
Survival factor	0.9
the lumen maintenance factor	0.96
<b>Parameters for LED and OLED light sources</b>	
Displacement factor (cos φ1)	NA
Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	NA
If yes then replacement claim (W)	NA
Flicker metric (Pst LM)	1
Stroboscopic effect metric (SVM)	0.4