

Supplier name
Supplier address
Prouction description
Tesco model no.

TESCO STORES LTD.,
WELWYN GARDEN CITY AL7 1GA,
TESCO LED CLASSIC 40W ES 2PK
TA40EW2



TYPE OF LIGHT SOURCE	LED light source
Lighting technology used	LED
Non-directional or directional	NDLS
Light source cap-type (or other electric interface)	ES
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
GENERAL PRODUCT PARAMETERS	
Energy consumption in on-mode (KWh/1000h)	5
Energy efficiency class	E
Useful luminous flux (lm) (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	470lm in a sphere
Beam angle correspondence	200°
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	2700K
On-mode power (Pon), expressed in W	4.2
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)	110
Outer dimensions (Width) (millimetre)	60
Outer dimensions (Depth) (millimetre)	60
Spectral power distribution in the range 250 nm to 800 nm, at full-load	
Claim of equivalent power	Yes
If yes, equivalent power (W)	40
Chromaticity coordinate (x)	0.458
Chromaticity coordinate (y)	0.410
GENERAL PRODUCT PARAMETERS	
Peak luminous intensity (cd)	NA
Beam angle in degrees, or the range of beam angles that can be set	NA
Parameters for LED and OLED light sources	
R9 colour rendering index value	0
Survival factor	0.9
the lumen maintenance factor	0.96
Parameters for LED and OLED light sources	
Displacement factor (cos ϕ_1)	NA
Colour consistency in MacAdam 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