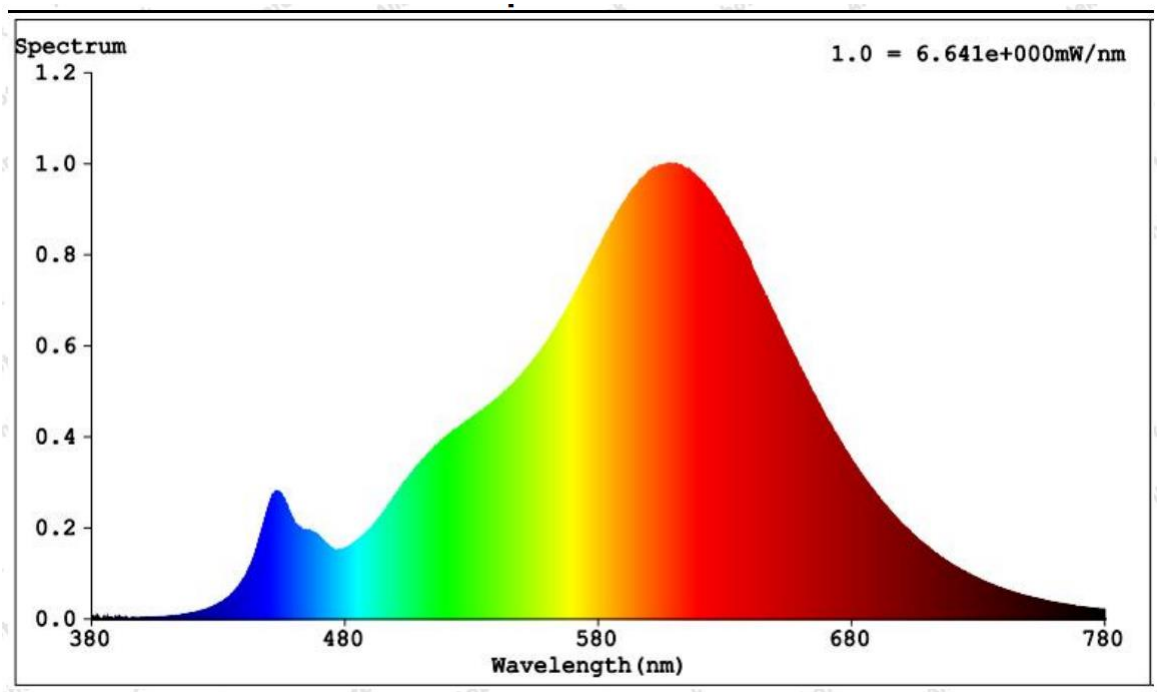
Product Information Sheet – Table 6 in Schedule 8 of SI 2021 No. 1095

| | | | | | |
|---|---|---|---|---|---|
| Supplier's name or trademark: Dowsing and Reynolds | | | | | |
| Supplier's address: Unit 7 Hunslet Trading Estate, Severn Road, Hunslet, Leeds, LS10 1BL | | | | | |
| Model identifier: Radio valve loose spiral filament LED bulb – warm glow | | | | | |
| Type of light source: T45-RDS-LED-4w-clear | | | | | |
| Lighting technology used: | LED | | Non directional or directional: | ☒NDLS ☐DLS | |
| Light source cap-type (or other electric interface) | E27 | | | | |
| Mains or non-mains: | ☒MLS ☐NMLS | | Connected light source (CLS): | ☒NO ☐YES | |
| Colour-tuneable light source: | ☒NO ☐YES | | Envelope: | No | |
| High luminance light source: | ☒NO ☐YES | | | | |
| Anti-glare shield: | ☒NO ☐YES | | Dimmable: | ☐NO ☒YES | |

**Product parameters**

| **Parameter** | **Value** | | **Parameter** | **Value** |
|---|---|---|---|---|
| General product parameters | | | | |
| Energy consumption in on-mode (kWh/1,000 h) rounded up to the nearest integer | 4 | | Energy efficiency class | G |
| Useful luminous flu ( use), indicating if it refers to the flu in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 300lm in sphere | | Correlated colour temperature, Rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100k that can be set. | 2700K |
| On-mode power ($P_{on}$), expressed in W | **4** | | Standby power ($P_{sb}$), expressed in W and rounded to the second decimal point | 0.00W |
| Networked standby power ($P_{net}$) for CLS, expressed in W and rounded to the second decimal point | - | | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set | 80 |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Height | 110 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | graphic at end of document |
| | Width | 45 | | |
| | Depth | 45 | | |
| Claim of equivalent power | N/A | | If yes, equivalent power (W) | |
| | | | Chromaticity coordinates (x and y) | x=0.463, y=0.420. |
| **Parameters for directional light sources:** | | | | |
| Peak luminous intensity (cd) | - | | Beam angle in degrees, or the range of beam angles that can be set | - |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | 13 | | Survival factor | 1.00 |
| The lumen maintenance factor | 0.93 | | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| Displacement factor (cos cp1) | 0.91 | | Colour consistency in McAdam ellipses | 5 |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage | **☒N/A ☐YES** | | If yes, then replacement claim (W) | |
| Flicker metric (Pst LM) | 0.1 | | Stroboscopic effect metric (SVM) | 0.1 |


Spectrum
1.0 = 6.641e+000mW/nm
1.2
1.0
0.8
0.6
0.4
0.2
0.0
380
480
580
680
780
Wavelength(nm)