



Light Source Information Leaflet

GENERAL

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|--------------------------|--|
| Type | Incandescent lamp |
| Product name | Light bulb 40 W |
| Light generation process | Electric current conducts through a filament, black body radiation |
| Application areas | Indoor lighting, decoration |
| Primary energy | Alternating current (230 V, 50 Hz) |

OPTICAL PROPERTIES

| | |
|---|---------------------------------------|
| Emission maxima | 1.16 μm |
| Centroid wavelength | 701 nm (1.76 eV) |
| Full width @ half emission maximum | - |
| Lumen equivalent | 207 $\text{lm}/\text{W}_{\text{opt}}$ |
| CIE1931 chromaticity coordinates (x, y) | 0.478; 0.414 |
| Color rendering index (R_a) | 100 |
| Correlated color temperature | 2490 K |

PHYSICAL PROPERTIES

| | |
|-------------------|--------------------------------------|
| Input Power | 40 W_{el} |
| Luminous efficacy | 5.2 $\text{lm}/\text{W}_{\text{el}}$ |

