



## Light Source Information Leaflet

### GENERAL

Type	Mercury vapor lamp - medium pressure
Product name	NIQ 40/18-45000024 G7 HNG Germany
Light generation process	Medium-pressure Hg discharge (30 - 1000 hPa )
Application areas	hardening of plastic, radiation-induced reactions
Primary energy	Alternating Current (230 V, 50 Hz)

### OPTICAL PROPERTIES

Emission maxima	254 nm ( $\pm$ 4.88 eV), 405 nm ( $\pm$ 3.06 eV), 436 nm ( $\pm$ 2.84 eV), 546 nm ( $\pm$ 2.27 eV), 578 nm ( $\pm$ 2.15 eV)
Centroid wavelength	441 nm ( $\pm$ 2.81 eV)
Full width @ half emission maximum	-
Lumen equivalent	-
CIE1931 chromaticity coordinates (x, y)	-
Color rendering index (R <sub>a</sub> )	-
Color temperature	-

### PHYSICAL PROPERTIES

Input power *	40 W <sub>el</sub>
Luminous efficiency	-

\* Product description from the manufacturer

