



Light Source Information Leaflet

GENERAL

Type	Self-Ballasted Mercury Lamp
Product name	Philips ML100 W
Light generation process	Hg discharge
Application areas	
Primary energy	Alternating current (230 V, 50 Hz)

OPTICAL PROPERTIES

Emission maxima	363 nm (3.42 eV), 403 nm (3.08 eV), 435 nm (2.85 eV), 544 nm (2.28 eV)
Centroid wavelength	637 nm (1.95 eV)
Full width @ half emission maximum	lines
Lumen equivalent	161 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.432; 0.393
Color rendering index (R _a)	67
Correlated color temperature	2900 K

PHYSICAL PROPERTIES

Input Power	100 W _{el}
Luminous efficacy	5.6 lm/W _{el}

