



Light Source Information Leaflet

GENERAL

Type	Xe Excimer DBD + YBO ₃ :Pr ³⁺
Product name	
Light generation process	high pressure Xe dielectric-barrier discharge (300 mbar), emission from generated Xe ₂ [*] excimers converted by YBO ₃ :Pr ³⁺ layer
Application areas	Disinfection, photochemistry
Primary energy	-

OPTICAL PROPERTIES

Emission maxima	261 nm (4.75 eV)
Centroid wavelength	533 nm (2.33 eV)
Full width @ half emission maximum	24 nm (261 nm); 22 nm (300 nm)
Lumen equivalent	211 lm/W _{vis}
CIE1931 chromaticity coordinates (x, y)	0.319; 0.249
Color rendering index (R _a)	-
Correlated color temperature	7136 K

PHYSICAL PROPERTIES

Input Power	-
Luminous efficacy	-

