



Light Source Information Leaflet

GENERAL

Type	Sodium vapor high pressure
Product name	Lucalox Natriumdampf Hochdrucklampe
Light generation process	High- pressure Na discharge (~100 mbar)
Application areas	Street lighting, Outdoor lighting
Primary energy	Alternating current (230 V, 50 Hz)

OPTICAL PROPERTIES

Emission maxima	568 nm (2.18 eV); 586 nm (2.12 eV); 593 nm (2.09 eV); 818 nm (1.52 eV)
Centroid wavelength	638 nm (1.94 eV)
Full width @ half emission maximum	lines
Lumen equivalent	338 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.541; 0.420
Color rendering index (R _a)	0
Correlated color temperature	1929 K

PHYSICAL PROPERTIES

Input Power	50 W _{el}
Luminous efficacy	43 lm/W _{el}

