

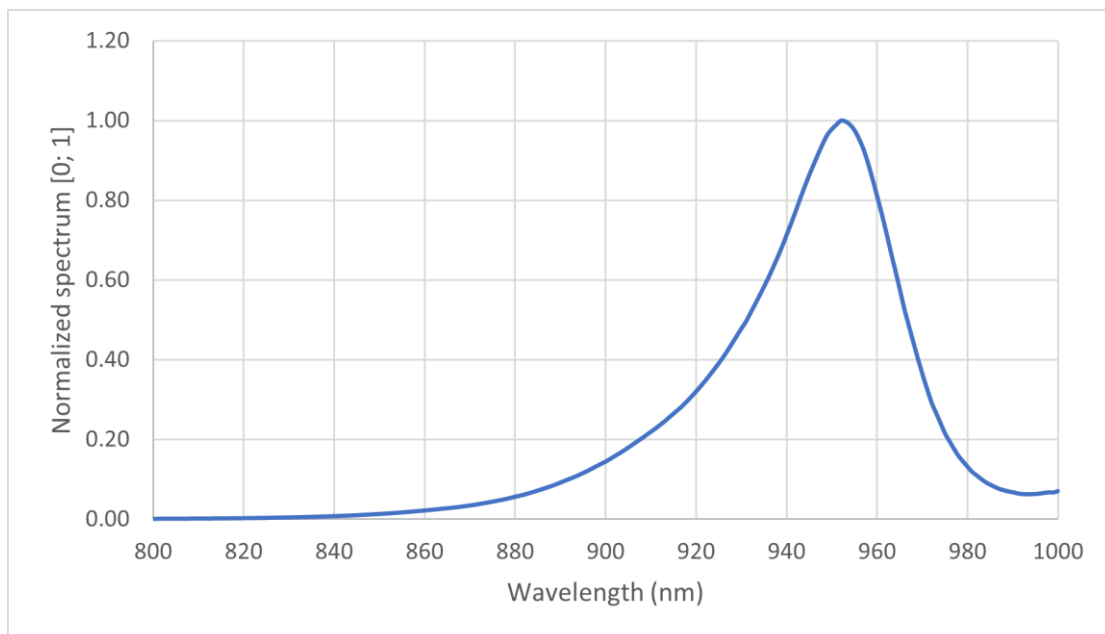
Infrared flare light source for Flare setup FLARE_IR94_001



General specifications	
DXOMARK Image Labs reference	FLARE_IR94_001
Dimensions	L 135 x W 33 x H 295 mm
Material	Aluminum
Color	Black
Weight	1.2 kg
HS Code	9405.91.9000
Country of origin	FRANCE

Description
The infrared Flare light source for Flare setup is designed to be used on the motorized rotary bench (COMPASS_001). It will be used to measure flare artifacts in cameras following DXOMARK protocols by enabling a light source to rotate around a device under test. This infrared light source enables to get a peak wavelength at 952 nm.

Light source specifications	
Light type	Collimated high-power LED
Peak wavelength	952 nm
Irradiance on the DUT front lens (Light source to front lens distance = 30 cm)	>43 W/m ²
Apparent diameter of the light source (width)	0.9°
Light beam diameter on the device under test at measurement position	22 mm
Virtual picture distance	Focus to infinity
Input	100-240 VAC, 50/60 Hz, 1.3 A
Output	24 V, 3.75 A, 90 W Max
LED lifetime	50000 h



Spectrum of the light source