



Light Source Information Leaflet

GENERAL

Type	LED 850 nm
Product name	HT-P178IRPQ
Light Generation Process	Electroluminescence of aluminium gallium arsenide
Application areas	Security cameras, anti-theft alarm systems
Primary energy	Direct Current 1.6V 350 mA

OPTICAL PROPERTIES

Emission maxima	852 nm (\pm 1.46 eV)
Centroid wavelength	845 nm (\pm 1.47 eV)
Full width @ half emission maximum	43 nm
Lumen equivalent	-
CIE1931 chromaticity coordinates (x, y)	0.687, 0.313
Color rendering index (R _a)	-
Correlated color temperature	< 1000 K

PHYSICAL PROPERTIES

Input power *	900 mW _{el}
Optical output power*	130 mW _{opt}

* Product description from the manufacturer

