

SCHOTT LLS – LED Light Source

Longer Life, Lower Energy Consumption

The SCHOTT LLS offers several advantages over other types of fiber optic light sources used in machine vision applications, including:

- § Long life-time (50,000 hours)
- § Fits all COLDVision light guides
- § Fast strobing capabilities (maximum 1 kHz pulse rate, maximum pulse width 1msec, duty 1/10)
- § Low power consumption (less than 15 watts)
- § Better immunity to vibration and shock
- § Instantaneous switching
- § Small footprint and worldwide universally compatible power supply with interchangeable plugs
- § RoHS compliant
- § CE and ELT Approved



Characteristics

Dimensions	Length 197 mm (7.75 in) Width 129 mm (5.08 in) Height 63 mm (2.48 in)
Weight	862 grams (1.9 lbs)
Operating Temperature	-20° C (4° F) to 40° C (104° F)
Color Temperature - White	6000 K

SCHOTT LLS Technical Information

Part Number	Color	Wavelength (nm) (+/- bandwidth 20 nm)	Light Output
A20950	Red	625	65 lm
A20950.1	White	-	130 lm
A20950.2	Green	525	100 lm
A20950.4	Blue	470	40 lm
A20950.5	UV	390	0.35 lm (Out of Light Source)

Hybrid Solution Pairs LEDs with Fiber Optics

The LLS offers users 4 different types of control interfaces – a continuous intensity control knob, USB 2.0, RS-232 or analog 0-5 Volt.

The auto-sensing inputs eliminate the need to switch manually between the modes. The unit also features a user control lock-out via the USB and RS-232 SCHOTT supplied software.



Part number A20950



Screen shot of the supplied RS-232 control software



Rear View shows (from L to R): universal power input, multi-port input, USB 2.0 input, RS-232 input

For more information please contact:

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