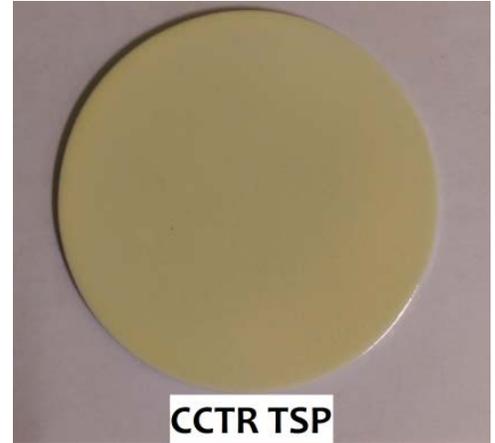


CCTR Temperature Sensitive Paint

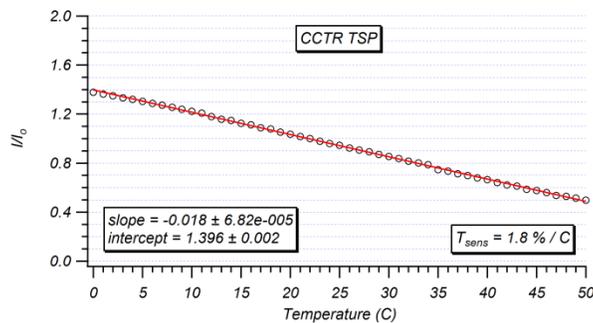
(Product ID: CCTR-XXX)

CCTR is a temperature sensitive paint in a clear coat binder. It is easy to apply with a spray gun. Peak absorption wavelength for CCTR is near 470-nm and is typically excited with ISSI's LM2X-DM-460 standard LEDs. With a peak emission around 620-nm, the excitation light can easily be separated from the emission with an optical filter. CCTR offers slightly better temperature sensitivity than UniTemp TSP.

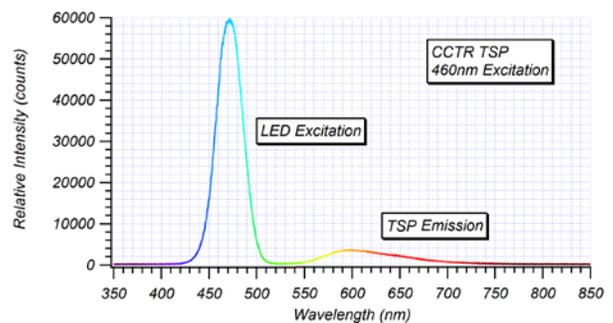


SPECIFICATIONS

Pressure sensitivity	0.0% per kPa
Temperature sensitivity	1.8% per °C
Temperature range	-10°C to 60°C
Response time	750-ms
Excitation	400-nm to 550-nm (peak 470-nm)
Emission	600-nm to 750-nm (peak 620-nm)
Photo-degradation rate	1% per hour
Shelf life	12-months
Filter	570-nm
ECCN	EAR99



Calibration of CCTR TSP



Emission spectra of CCTR TSP
Excited using LM2X-DM-460 LED