



the best  
**OPTICALLY FUNCTIONAL MATERIALS  
 AND ORGANIC COMPOUNDS**  
 for your needs

**FABRICOLOR HOLDING, INC**

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Company offering now Inorganic luminophores with Near Infrared or visible emission at IR excitation power  $1\text{W}/\text{cm}^2$  and also with laser (965nm) or UV excitation (365nm).

All of them have stable parameters during 100000 Hours and withing temperature range -60 to +70 deg C.

FHI CODE	CHEMICAL CONTENT	EXCITATION RANGE, nm	EMISSION RANGE, nm	EMISSION COLOR
900L	Y2O2S:RARE EATH	1500-1600	800-1020	COLORLESS
900L2	Y2O2S:RARE EATH	1500-1600	800-1200	COLORLESS
900L3	Y2O2S:RARE EATH	1500-1600	800-1020	COLORLESS
6601L	Y2O3:RARE EATH	900-980	640-680	RED
6602L	YOCi:RARE EATH	900-980	640-680	RED
6605L	Y2O3:RARE EATH	900-980	640-680	RED
960W	Y2O2S:Yb,Er,Tm	960-970	MIXED	WHITE
1500EM	RARE EATH	960	1500	COLORLESS
470L	Y2O2S:RARE EATH	900-980	460-480	BLUE
480FL	RARE EATH	365, 965	460-480	BLUE
5503L	RARE EATH	900-1070	540-560	GREEN
5501L	La2O2S:RARE EATH	900-1070	540-560	GREEN
5502L	Y2O2S:RARE EATH	900-1070	540-560	GREEN
620FL	RARE EATH	365, 965	640-680	RED
630FL	RARE EATH	365, 965	640-680	RED
650FL	RARE EATH	365, 965	640-680	RED
490PL	RARE EATH	365, 965	460-490	TURQUOISE
590-630EL	RARE EATH	500-10000Hz	590-630	ORANGE-LILAC
840-980	RARE EATH	365	840-980	COLORLESS