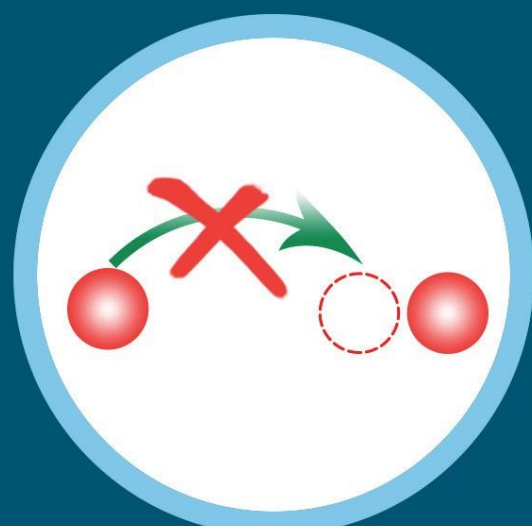




**High efficiency**



**No migration**

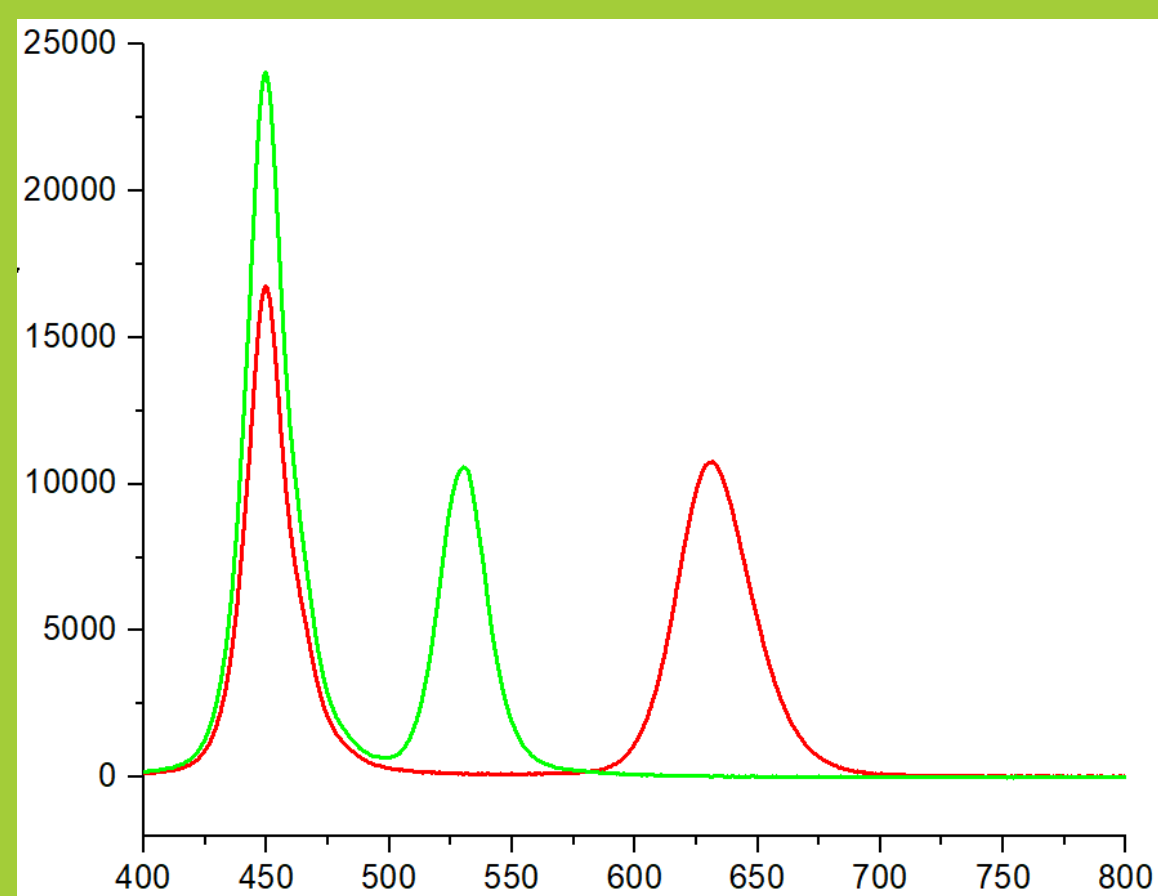
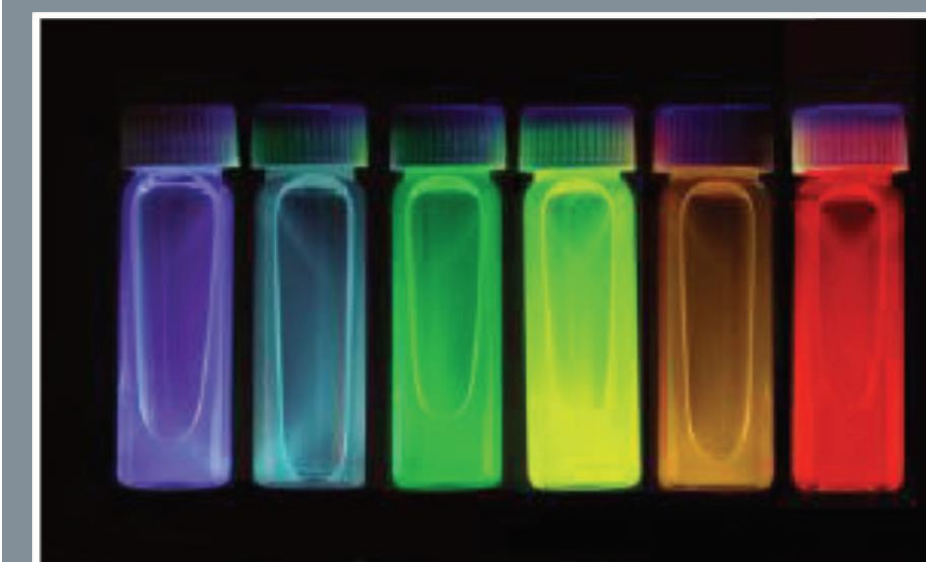
# Chembridge Quantum Dot Resin



Use special technology to perfectly disperse quantum dot particles in resin. It has good water and gas barrier properties and maintain the luminous efficiency of quantum dots. Resin viscosity can be adjusted suitable for spray or scrape coating, applied to roll to roll process and can also be used in dispenser.

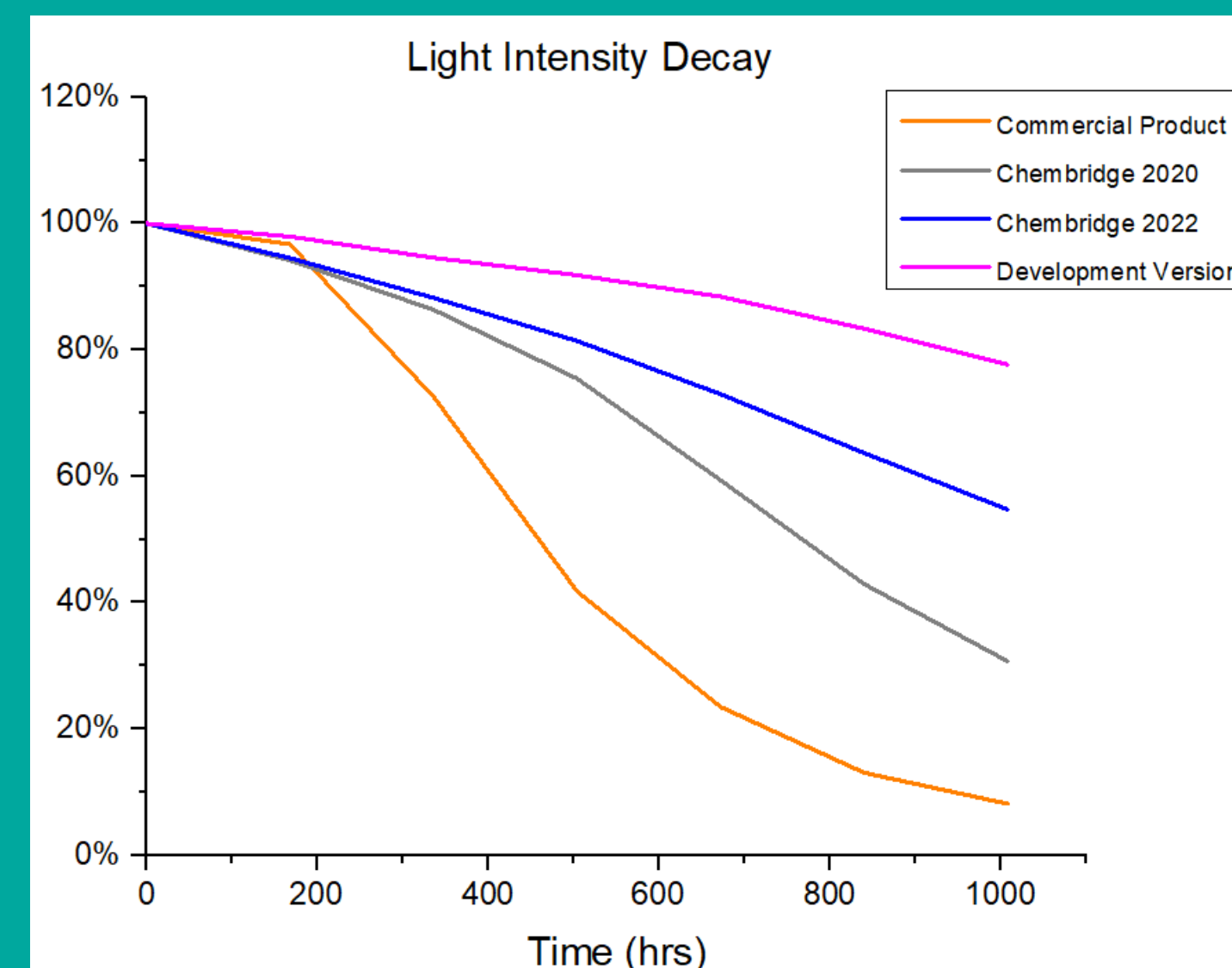
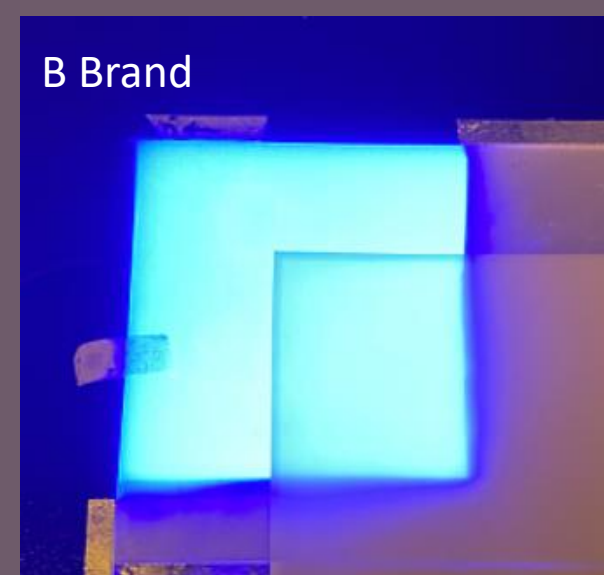


**Moisture barrier**



Product Name	Visidot-G	Visidot-R
Appearance	Viscous yellow liquid	Viscous red liquid
Viscosity	1081	972
Photoluminescence Wavelength (nm)	531	632
Full Width at Half Maximum (nm)	23	35
QD Content (wt.%)	1.00	0.50

Degradation of QD in the edge region of film



At room temperature, when the luminous intensity of the backlight with QD film reaches 1000 nits, start to measure the light intensity.