

OLED發光材料

技術特色

工研院材化所自有專利之磷光發光材料，可應用於蒸鍍製程及溶液製程。

ITRI/MCL's proprietary phosphorescent materials can be used in the vacuum evaporation process or in solution process.

技術規格

品名	EL Spectra Peak(nm)	Power Efficacy (lm/W)	Current Efficacy (cd/A)	Device Lifetime (hrs)	
				LT95%	LT50%
IGD5201	520,(0.32,0.64)	72	77	2,862	>150,000
IGD5301	532,(0.37,0.61)	72	80	8,140	>300,000
IGD5402	537,(0.39,0.60)	65	70	20,352	> 700,000
IYD5601	564,(0.50,0.50)	64	69	10,278	> 450,000
IYD5701	568,(0.52,0.48)	59	51	12,188	> 450,000
IOD5802	580,(0.54,0.46)	59	64	17,476	> 600,000
IRD6001	604,(0.62,0.38)	20	26	3,868	> 200,000

OLED are produced with ITRI/MCL's materials



產業應用

- ◆ OLED Display
- ◆ OLED Lighting



工業技術研究院
Industrial Technology
Research Institute

與我
聯絡

曾美榕 Tel : 03-5915315 Email : MRTseng@itri.org.tw
謝添壽 Tel : 03-5918234 Email : tienshou@itri.org.tw