Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C.

Table S1. CIE chromaticity coordinates (*x*, *y*), CCT (K) and quantum efficiency (QE) of Ca_2PO_4Cl:0.07Eu^{2+}, *y*Mn^{2+} (λ_{ex}=365 nm)

Samples	CIE coordinates (*x*, *y*)	CCT (K)	QE (%)
Ca_2PO_4Cl:0.07Eu^{2+}	(0.1488, 0.0624)	25189	61.3
Ca_2PO_4Cl:0.07Eu^{2+}, 0.01Mn^{2+}	(0.2002, 0.1176)	15976	53.6
Ca_2PO_4Cl:0.07Eu^{2+}, 0.05Mn^{2+}	(0.2269, 0.2056)	10325	56.1
Ca_2PO_4Cl:0.07Eu^{2+}, 0.1Mn^{2+}	(0.2512, 0.2316)	6708	57.2
Ca_2PO_4Cl:0.07Eu^{2+}, 0.2Mn^{2+}	(0.3102, 0.3096)	4296	59.6
Ca_2PO_4Cl:0.07Eu^{2+}, 0.3Mn^{2+}	(0.3306, 0.3193)	3916	58.5
Ca_2PO_4Cl:0.07Eu^{2+}, 0.4Mn^{2+}	(0.3519, 0.3199)	3197	55.7
Ca_2PO_4Cl:0.4Mn^{2+}	(0.5869, 0.4016)	1688	13.9