

Surface Mount LED

1.ELEMENT APPEARANCE

Model No.	Material		Lighting Color	Resin Color
RT-1412HR26K4T-Z	R	AlGaInP	Red	Water Clear
	B	InGaN/ITO	Blue	

2.ELECTRO-OPTICAL CHARACTERISTICS AT Ta=25°C

Characteristic	Symbol	Condition	Min.	Typ.	Max.	Unit	
Luminous intensity	I _v	IF=20mA	R	120	150	180	mcd
			B	140	175	210	
Forward voltage	V _F	IF=20mA	R	1.6	2.0	2.4	V
			B	2.8	3.3	4.0	
Reverse current	I _R	V _R = 4V				μ A	
Peak emission wavelength	λ _p	IF=20mA	R		632	nm	
			B		466		
Dominant wavelength	λ _d	IF=20mA	R		624	nm	
			B		470		
Spectral line half width	Δλ	IF=20mA	R		20	nm	
			B		30		
Viewing angle	2θ 1/2	IF=20mA		120		deg.	

※ 亮度誤差値±10% mcd、VF 誤差値±0.05V、波長誤差値±1nm

3.DIMENSIONS UNIT :m/m

