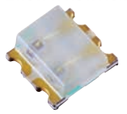
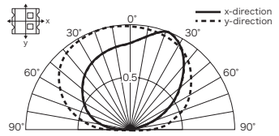
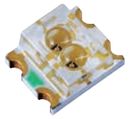
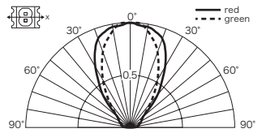
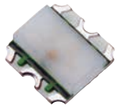
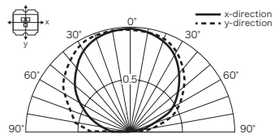
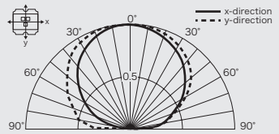
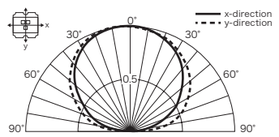
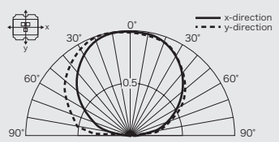
MULTICOLOR LEDs

RoHS2 Pb-free HEAT

Ta=25℃

パッケージ Package	品名 Part name	電気的光学的特性／Electro-optical characteristics										絶対最大定格／Absolute maximum ratings					標準梱包数量 Standard qty./Reel	WEB
		発光色 Emitted color	色度座標 Chromaticity coordinates※1		ドミナント発光波長 Dominant wavelength λd	発光光度 Luminous intensity I_V		順電圧 Forward voltage V_F		指向半値角 Half-intensity angle $2\theta_{1/2}$	指向特性 Spatial distribution	選別電流 Sorting current I_F	順電流 Forward current I_F	順電流低減率 Forward current reduction rate ΔI_F		動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg		
			Typ.	Typ.	Typ.	Min.	Typ.	Typ.	Max.	(θx/θy)					Derating start temp.				
単位 (Units)			x	y	nm	mcd		V		deg.	-	mA	mA	mA/℃	℃	℃	℃	pcs.	
L1.6 x W1.5 x H0.7  3mg	FRYPY1211C-0005		–	–	570	6.3	12	1.95	2.4	115 / 140		5	15	0.21	25	–40～+85	–40～+100	4,000	
			–	–	626	14	30	1.85	2.4										
L3.0 x W2.5 x H0.96  13mg	DRD1204W		–	–	572	70	130	2.0	2.4	θx 60		20	30	0.43	25	–40～+85	–40～+100	2,500	
			–	–	626	100	184	2.0	2.4	θx 70									
L2.04 x W2.04 x H0.6  3.4mg	ARGB1313HS		–	–	473	–	180	3.1	3.8	125 / 145		12	30 20※2	0.750 0.500※2	60	–40～+85	–40～+100	4,000	
			–	–	527	–	850	3.2	3.8			22	30 25※2	0.750 0.625※2	60				
			–	–	622	–	450	2.1	2.8			26	30 30※2	0.750 0.750※2	60				
			0.300	0.320	–	–	1,350	–	–			Blue : 12 Green : 22 Red : 26	Blue : 20 Green : 25 Red : 30	–	–				

※製品画像は代表的なものです／The pictures illustrate representative products.
※1 CIE1931に基づく／In accordance with CIE1931
※2 2色または3色点灯時／When two or three LEDs with different colors are illuminated

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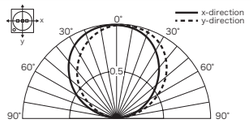
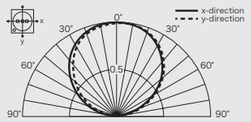
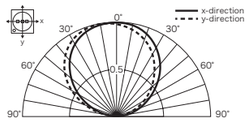
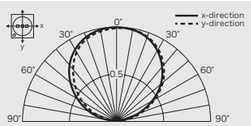
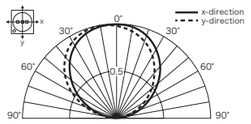
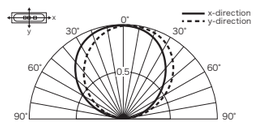
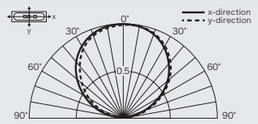
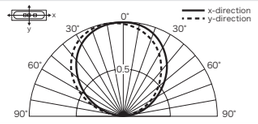
			Typ.	Typ.	Typ.	Min.	Typ.	Typ.	Max.	(θx/θy)								
単位 (Units)			x	y	nm	mcd		V		deg.	-	mA	mA	mA/℃	℃	℃	℃	pcs.	
L3.0 x W2.8 x H0.6 10mg	CRGB1314ASE		–	–	469	–	300	3.1	3.7	120 / 120		14	30 15※2	0.750 0.375※2	60	–40～+85	–40～+100	4,000	
			–	–	532	–	2,080	3.2	3.9			23	30 25※2	0.750 0.625※2	60				
			–	–	622	–	820	2.1	2.8			22	30 30※2	0.750 0.750※2	60				
			0.300	0.320	–	–	3,100	–	–		–	Blue : 14 Green : 23 Red : 22	Blue : 15 Green : 25 Red : 30	–	–				
L3.0 x W2.8 x H0.6 10mg	CRGB1314ASE-500		–	–	469	100	300	3.1	3.7	120 / 120		14	25 20※2	0.65 0.50※2	80	–40～+100	–40～+120	4,000	
			–	–	532	1,500	2,080	3.2	3.9			23	25 25※2	0.65 0.65※2	80				
			–	–	622	560	820	2.1	2.8			22	30 30※2	0.75 0.75※2	80				
			0.300	0.320	–	2,060	3,100	–	–		–	Blue : 14 Green : 23 Red : 22	Blue : 20 Green : 25 Red : 30	–	–				
L1.15 x W4.5 x H1.35 11.5mg	CRGB1318FSE		–	–	470	–	260	3.0	3.7	120 / 120		14	30 15※2	0.750 0.375※2	60	–40～+85	–40～+100	2,500	
			–	–	529	–	1,750	3.1	3.8			20	30 25※2	0.750 0.625※2	60				
			–	–	622	–	750	2.2	2.9			24	30 30※2	0.750 0.750※2	60				
			0.300	0.320	–	–	2,600	–	–		–	Blue : 14 Green : 20 Red : 24	Blue :15 Green : 25 Red : 30	–	–				

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