

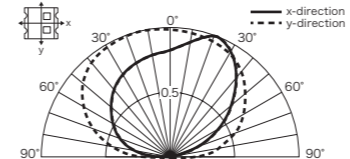




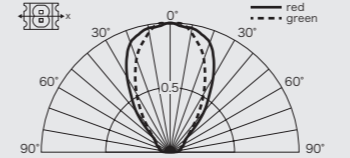

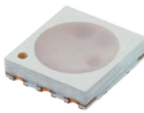

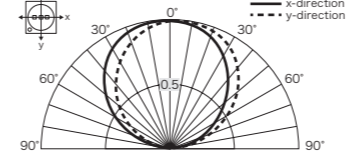






MULTICOLOR LEDs

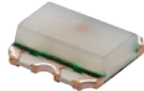
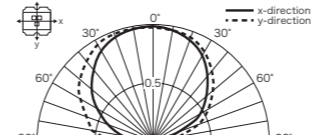
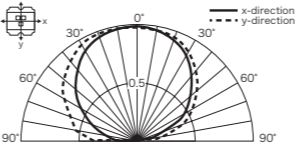
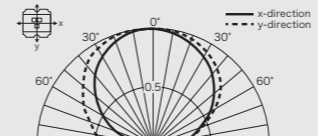
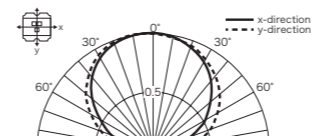

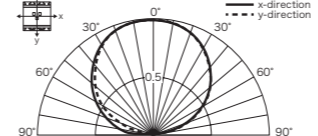

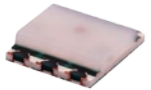
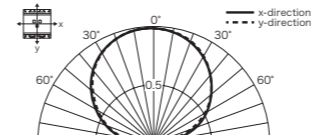

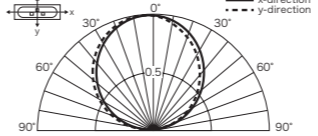

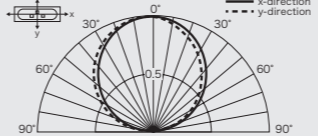
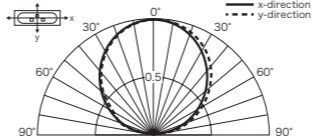
パッケージ Package	品名 Part name	発光色 Emitted color	電気的光学的特性/Electro-optical characteristics								指向半値角 Half-intensity angle 2θ _{1/2} (θx/θy)	指向特性 Spatial distribution	絶対最大定格/Absolute maximum ratings					標準梱包 数量 Standard qty./Reel	WEB		
			色度座標 Chromaticity coordinates ^{*1} x y Typ. Typ.		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity I _v Min. Typ.		順電圧 Forward voltage V _F Typ. Max.		選別電流 Sorting current I _F			順電流 Forward current I _F	順電流低減率 Forward current decrease rate ΔI _F Derating start temp.		動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg				
単位 (Units)			-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	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 H1.5 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	
 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			4,000			
			-	-	532	1,500	2,080	3.2	3.9												
			-	-	622	560	820	2.1	2.8												
			0.300	0.320	-	2,060	3,100	-	-												
												Blue : 14 Green : 23 Red : 22	Blue : 20 Green : 25 Red : 30	-	-						

*製品画像は代表的なものです/All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.

*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

MULTICOLOR LEDs

パッケージ Package	品名 Part name	発光色 Emitted color	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		
			色度座標 Chromaticity coordinates ^{*1}		ドミナント発光波長 Dominant wavelength λ_d	発光光度 Luminous intensity		順電圧 Forward voltage V_F		指向半値角 Half-intensity angle $2\theta_{1/2}$ (θ_x/θ_y)	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 decrease rate ΔI_F			動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg
単位 (Units)			-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.
L2.04 x W2.04 x H0.6  3.4mg ARGB1313HS	Blue	-	-	473	-	180	3.1	3.8	125 / 145		12	30 20 ^{#2}	0.750 0.500 ^{#2}	60	-40~+85	-40~+100	4,000	
	Green	-	-	527	-	850	3.2	3.8			22	30 25 ^{#2}	0.750 0.625 ^{#2}	60				
	Red	-	-	622	-	450	2.1	2.8			26	30 30 ^{#2}	0.750 0.750 ^{#2}	60				
	White	0.300	0.320	-	-	1,350	-	-		-	Blue : 12 Green : 22 Red : 26	Blue : 20 Green : 25 Red : 30	-	-				
L3.0 x W2.8 x H0.7  9.4mg ARGB131CWSE-10	Blue	-	-	467	-	250	3.0	3.8	120 / 120		14	30 20 ^{#2}	0.750 0.500 ^{#2}	60	-40~+85	-40~+100	4,000	
	Green	-	-	527	-	2,000	2.7	3.5	120 / 120		18	30 25 ^{#2}	0.750 0.625 ^{#2}	60				
	Red	-	-	621	-	850	2.1	2.8	120 / 120		26	30 30 ^{#2}	0.750 0.750 ^{#2}	60				
	White	0.300	0.320	-	-	3,000	-	-	-	Blue : 14 Green : 18 Red : 26	Blue : 20 Green : 25 Red : 30	-	-					
L1.1 x W4.5 x H1.5  14mg ARGB131DFSE-10	Blue	-	-	467	-	250	3.0	3.8	110 / 110		15	30 20 ^{#2}	0.750 0.500 ^{#2}	60	-40~+85	-40~+100	2,500	
	Green	-	-	527	-	2,000	2.7	3.5	110 / 110		17	30 25 ^{#2}	0.750 0.625 ^{#2}	60				
	Red	-	-	621	-	900	2.1	2.8	110 / 110		26	30 30 ^{#2}	0.750 0.750 ^{#2}	60				
	White	0.300	0.320	-	-	3,050	-	-	-	Blue : 15 Green : 17 Red : 26	Blue : 20 Green : 25 Red : 30	-	-					

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