

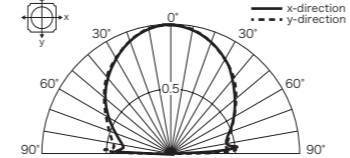






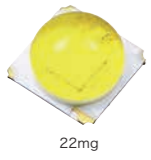

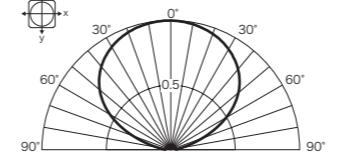




■ HIGH-POWER LEDs

Ta=25°C

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									指向特性 Spatial distribution	絶対最大定格/Absolute maximum ratings					標準梱包 数量 Standard qty./Reel	WEB			
			色温度 Color temperature T _c Typ.	色度座標 Chromaticity coordinates ^{*1} x y Typ. Typ.		発光光束 Luminous flux Φ _v Min. Typ.		順電圧 Forward voltage V _F Typ. Max.		平均演色評価数 General color rendering index Ra Typ.	指向半値角 Half-intensity angle 2θ _{1/2} (θx/θy)		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		
				°K	-	-	lm	V	-						deg.	mA					mA	mA/°C
 <p>L2.5 x W2.5 x H0.9 5.9mg</p>	VTEW1151ASE-57Y		5,700	0.329	0.342	27	37	3.3	3.75	85	145 / 145		150	170	2	90	-40~+105	-40~+125	3,000			
	VTEW1151ASE-50Y		5,000	0.345	0.355	27	37	3.3	3.75	85	145 / 145		150	170	2	90	-40~+105	-40~+125	3,000			
	VTEW1151ASE-45Y		4,500	0.362	0.367	27	36	3.3	3.75	85	145 / 145		150	170	2	90	-40~+105	-40~+125	3,000			
	VTEW1151ASE-30Y		3,000	0.434	0.403	22	35	3.3	3.75	85	145 / 145		150	170	2	90	-40~+105	-40~+125	3,000			
 <p>L2.5 x W2.5 x H0.9 5.9mg</p>	GTEW1151ASE-20Y-12		2,000	0.5266	0.4133	8	15	3.1	3.6	-	145 / 145		80	170	2	90	-40~+85	-40~+100	3,000			
 <p>L3.5 x W3.5 x H2.1 22mg</p>	GBHW1106ASE-65X		6,500	0.313	0.329	100	156	2.85	3.25	70	120 / 120			350	1,000	24	110	-30~+85	-30~+100		500	
	GBHW1106ASE-50X		5,000	0.345	0.355	100	160	2.85	3.25	70	120 / 120			350	1,000	24	110	-30~+85	-30~+100		500	

*1 CIE1931に基づく/In accordance with CIE1931

SURFACE MOUNT LEDs

THROUGH-HOLE LEDs / LED NUMERIC DISPLAYs

IR LEDs / PHOTO DETECTORS / OPTICAL SENSORS

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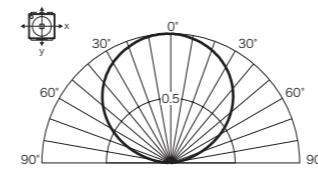
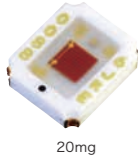

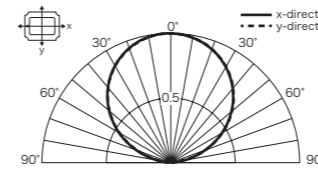

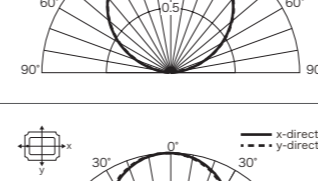


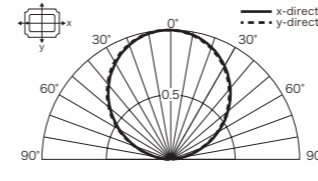
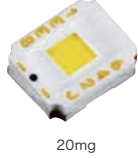

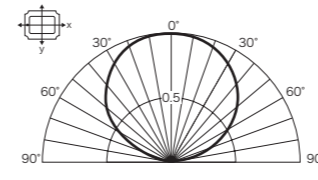

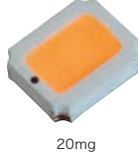

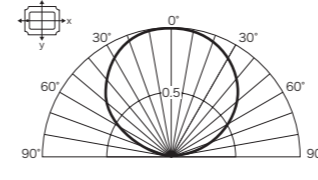
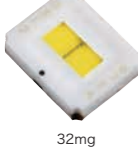

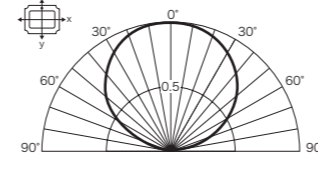
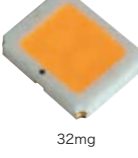

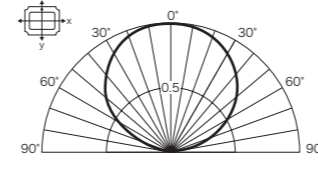
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■ HIGH-POWER LEDs

Ta=25°C

パッケージ Package	品名 Part name	電気的光学的特性/Electro-optical characteristics										熱的特性/ Thermal 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 λ_d Typ.	発光光束 Luminous flux Φ_v		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	熱抵抗 [ジャンクション-はんだ付け位置] Thermal resistance [Junction - soldering point] $R_{th(j-s)}$		順電流 Forward current I_F	順電流低減率 Forward current reduction rate ΔI_F Derating start temp.	ジャンクション温度 Junction temperature T_j	動作温度 Operating temperature T_{opr}			保存温度 Storage temperature T_{stg}	
			x Typ.	y Typ.		Min.	Typ.	Typ.	Max.				Typ.	Max.								°C/W
L3.4 x W3.3 x H1.9  43mg	HFTV1108GS		-	-	617	7.1 cd ^{#2}	8 cd ^{#2}	2.15	2.5	120 / 120		140	30.0	39.0	200	5	90	125	-40~+110	-40~+110	1,000	
L3.0 x W2.5 x H0.77  20mg	HFZV111AJTE		-	-	617	50	64	2.1	2.6	114 / 114		350	4.0	5.5	1,000	-	-	150	-40~+125	-40~+125	3,000	
	HFZR111AJTE		-	-	633	15	32	2.1	2.6	114 / 114		350	4.0	5.5	1,000	-	-	150	-40~+125	-40~+125	3,000	
L3.0 x W2.5 x H0.77  19.7mg	VBHW1149JTE-100		0.2770	0.2435	-	180	250	3.25	3.75	117 / 117		1,000	2.8	3.8	100~ 1,200	8.0	Tj 125	160	-40~+125	-40~+125	3,000	
L3.0 x W2.5 x H0.77  20mg	HCNW115AJTE		0.326	0.335	-	265	310	3.25	3.75	117 / 117		1,000	3.0	3.9	100~ 1,200	8.0	Tj 125	150	-40~+125	-40~+125	3,000	
L3.0 x W2.5 x H0.77  20mg	HCNY115AJTE		0.566	0.423	-	56	67	2.95	3.75	120 / 120		350	4.0	4.5	100~ 800	-	-	150	-40~+125	-40~+125	3,000	
L4.0 x W3.2 x H0.77  32mg	HCNW125DJTE		0.326	0.335	-	500	600	6.7	7.45	117 / 117		1,000	1.8	2.3	100~ 1,200	8.0	Tj 125	150	-40~+125	-40~+125	2,000	
L4.0 x W3.2 x H0.77  32mg	HCNY125DJTE		0.566	0.423	-	175	246	6.0	7.5	120 / 120		700	2.0	2.5	100~ 800	-	-	150	-40~+125	-40~+125	2,000	

※1 CIE1931に基づく/In accordance with CIE1931

※2 HFTV1108GS:発光光束(lm)ではなく発光光度(cd)/Luminous intensity(cd) values, not luminous flux(lm)

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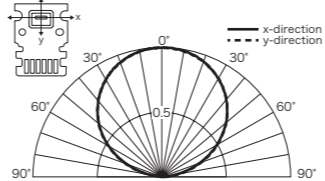



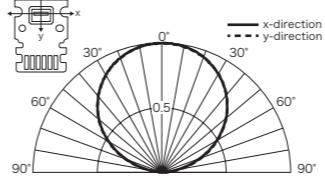


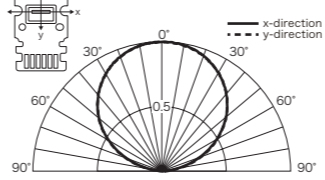
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			色度座標 Chromaticity coordinates ^{※1}		ドミナント発光波長 Dominant wavelength λ_d Typ.	発光光束 Luminous cfux Φ_v		順電圧 Forward voltage V_f		指向半値角 Half-intensity angle $2\theta_{1/2}$ (θ_x/θ_y)	指向特性 Spatial distribution	選別電流 Sorting current I_F	熱抵抗 ^{※2} [ジャンクション-はんだ付け位置] Thermal resistance [Junction - soldering point] $R_{th(j-s)}$		順電流 Forward current I_F	順電流低減率 Forward current reduction rate ΔI_F Derating start temp.	ジャンクション温度 Junction temperature T_j	動作温度 Operating temperature T_{opr}			保存温度 Storage temperature T_{stg}	
			x Typ.	y Typ.		Min.	Typ.	Typ.	Max.				Typ.	Max.								°C/W
L26.5 x W20.0 x H2.1  4.46g	BUA1036A		0.325	0.335	-	1,035	1,300	13.0	15.0	120 / 120		1,000	1.45 ^{※2}	1.90 ^{※2}	100~ 1,000	-	-	150	-40~+120	-40~+120	400	
L26.5 x W20.0 x H2.1  4.46g	BUA1038A		0.325	0.335	-	1,350	1,600	16.3	18.6	120 / 120		1,000	1.20 ^{※2}	1.60 ^{※2}	100~ 1,000	-	-	150	-40~+120	-40~+120	400	
L26.5 x W20.0 x H2.1  4.46g	BUA1052A		0.328	0.344	-	1,950	2,350	12.7	15.0	120 / 120		1,800	0.70 ^{※2}	1.12 ^{※2}	200~ 2,100	-	-	150	-40~+120	-40~+120	400	

※1 CIE1931に基づく/In accordance with CIE1931

※2 BUA10□□A: 熱抵抗[ジャンクション-Cu基板裏面]/Thermal resistance [Junction - the bottom of Cu substrate]

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