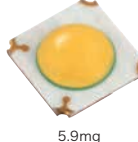
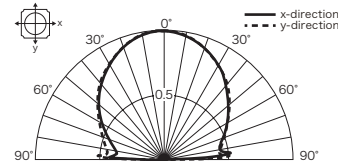
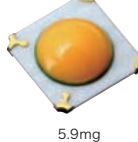
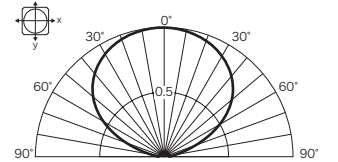
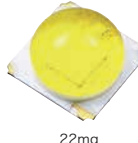


HIGH-POWER LEDs

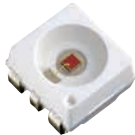
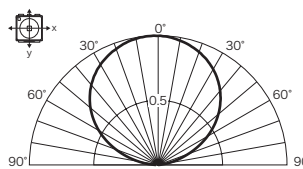
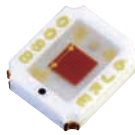
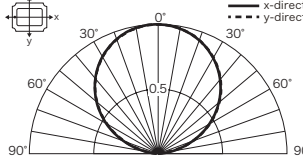
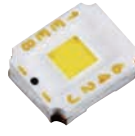
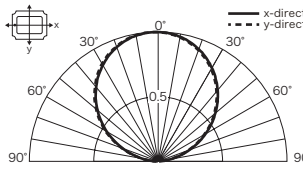
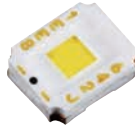
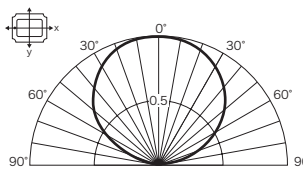
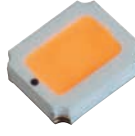
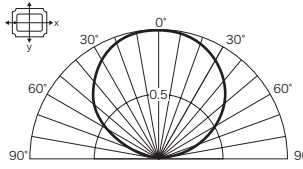
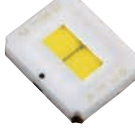
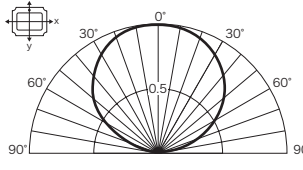
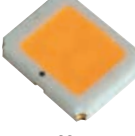
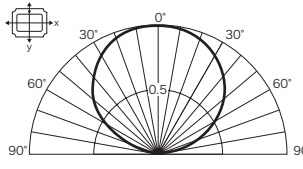
Ta=25°C

パッケージ Package	品名 Part name	電気の光学的特性 / Electro-optical characteristics										絶対最大定格 / Absolute maximum ratings						WEB		
		発光色 Emitted color	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)	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 Derating start temp.		動作温度 Operating temperature Topr		保存温度 Storage temperature Tstg	標準梱包 数量 Standard qty./Reel
				°C	°C	°C	°C	°C	°C						pcs.					
単位 (Units)			K	-		lm		V		-	deg.	-	mA	mA	mA/°C	°C	°C	°C	°C	pcs.
 L2.5 x W2.5 x H0.9 5.9mg	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	
 L2.5 x W2.5 x H0.9 5.9mg	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	
 L3.5 x W3.5 x H2.1 22mg	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

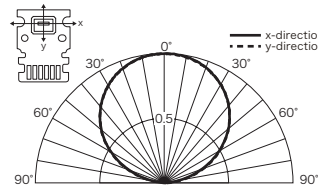
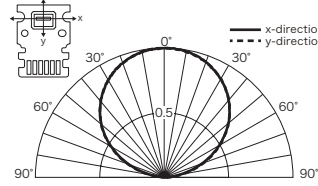
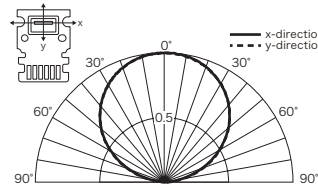
HIGH-POWER LEDs

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 λd Typ.	発光光束 Luminous flux Φ _v Min. Typ.		順電圧 Forward voltage V _F Typ. Max.		指向半値角 Half-intensity angle 2θ _{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] Rth(j-a) Typ. Max.		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 Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Typ.	Max.	Typ.	Max.				mA	°C/W		mA	mA/°C					
単位 (Units)		-		nm	lm		V		deg.	-	mA	°C/W		mA	mA/°C	°C	°C	°C	°C	°C	pcs	
 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	
 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	
 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	
 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	
 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	
 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	
 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)

HIGH-POWER LEDs

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./Box	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 Typ.	発光光束 Luminous cflux Φ _v Min. Typ.		順電圧 Forward voltage V _F Typ. Max.		指向半値角 Half-intensity angle 2θ _{1/2} (θx/θy)	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-a) Typ. Max.		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 Topr	保存温度 Storage temperature Tstg			
			x Typ.	y Typ.		Typ.	Max.	Typ.	Max.													
単位 (Units)			-		mlm	mcd		V		deg.	-	mA	°C/W		mA	mA/°C	°C	°C	°C	°C	pcs	
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]

Ta=25℃