

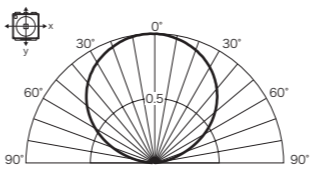
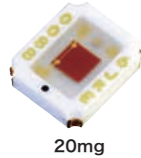

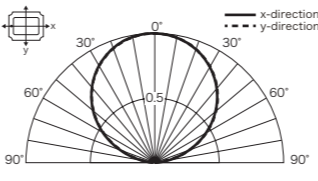



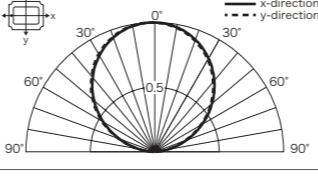
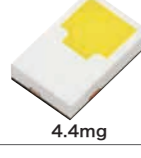
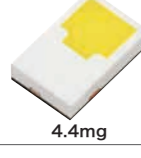

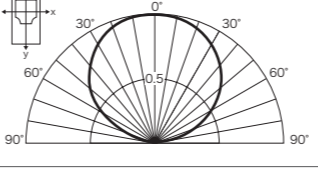

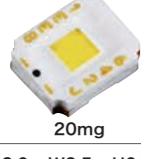

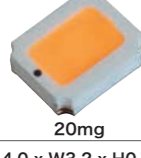
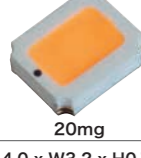

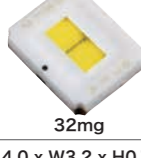
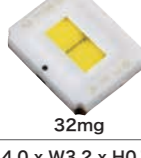

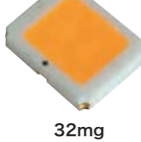
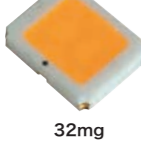

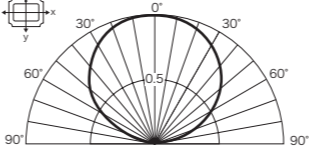


■ HIGH-POWER LEDs

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./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
単位 (Units)		-	-	nm	lm	V		deg.	-	mA	°C/W		mA	mA/°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	
 4.4mg	HCNW115CATE		0.326	0.335	-	265	310	3.2	3.75	117 / 117		1,000	2.8	3.7	100~ 1,200	8.0	Tj 125	150	-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	

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

SURFACE MOUNT LEDs

LED NUMERIC DISPLAYS

IR LEDs / PHOTODETECTORS / OPTICAL SENSORS



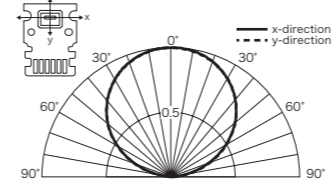



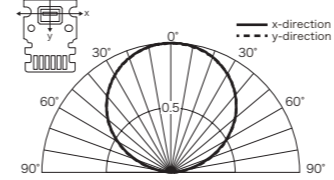


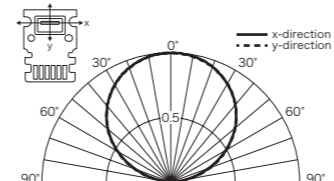
UV LEDs

INFORMATION



Ta=25°C

■ HIGH-POWER 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								指向特性 Spatial distribution	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			
			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 Φv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ _{1/2} (θx/θy)		選別電流 Sorting current If mA	熱抵抗 ^{#2} [ジャンクション-はんだ付け位置] Thermal resistance [Junction - soldering point] Rth(j-s) Typ. Max. °C/W	順電流 Forward current If mA	順電流低減率 Forward current reduction rate ΔIf Derating start temp. mA/°C	ジャンクション温度 Junction temperature Tj °C	動作温度 Operating temperature Topr °C	保存温度 Storage temperature Tstg °C					
			x Typ.	y Typ.		Typ.	Typ.	Typ.	Max.														
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		

※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 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]

SURFACE MOUNT LEDs

LED NUMERIC DISPLAYS

IR LEDs / PHOTODETECTORS / OPTICAL SENSORS

UV LEDs

INFORMATION