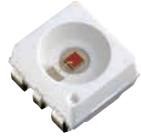

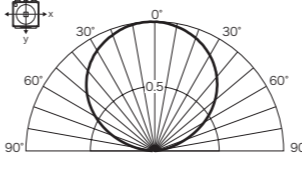
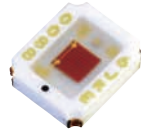

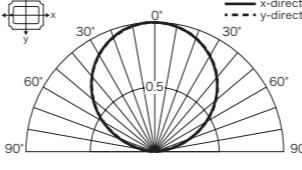

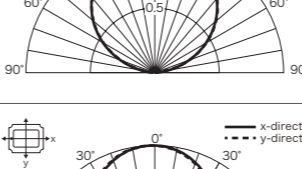


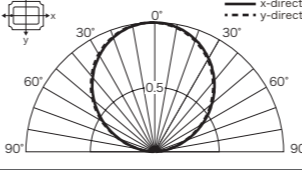
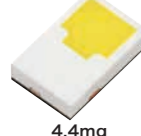

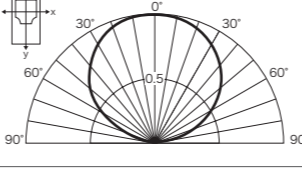

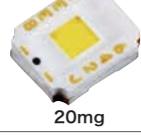

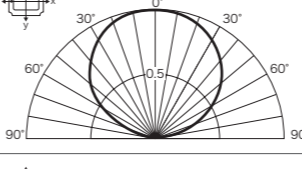
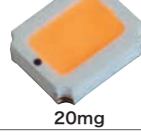

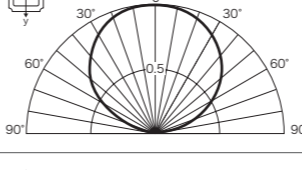
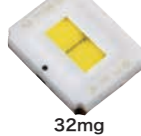

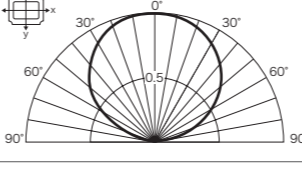
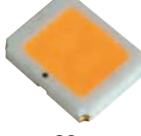

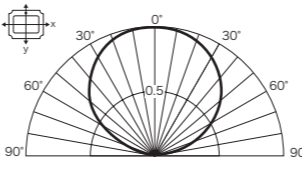


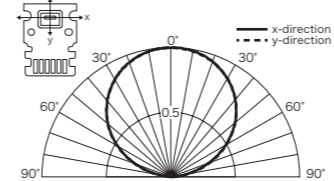



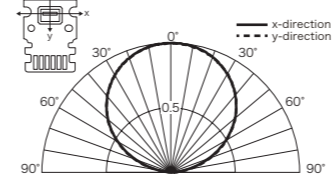


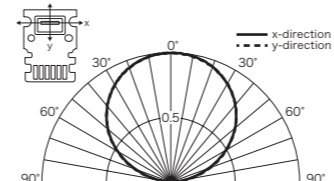


■ HIGH-POWER LEDs

| 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 | | | | | | | | 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 | | | |
|--|-----------------|---|---|-----------|--|--------------------------------------|--------------------|---------------------------------|------|--|---|-------------------------------------|---|------|------------------------------------|---|---|-------------------------------------|----------|---|---|---|
| | | | 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 | 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 | pcs | | | |
| 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 | |
| L1.28 x W2.0 x H0.57  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 |  |
| 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 | |

※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)

■ 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 | | | | | | | | | 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 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 ^{※2} 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) | | | - | | mlm | mcd | | V | | deg. | - | mA | °C/W | mA | mA/°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 | |

※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]