

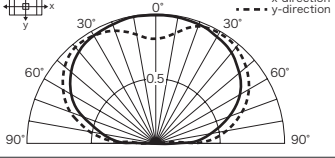
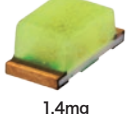

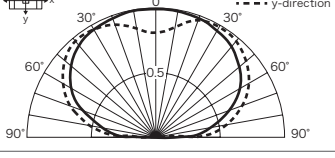

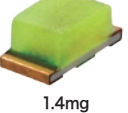

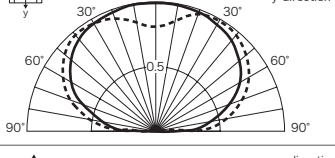
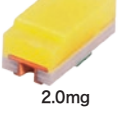

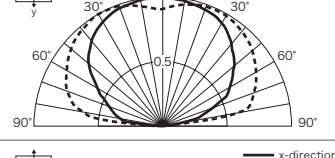

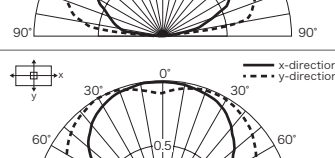
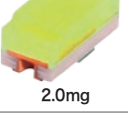

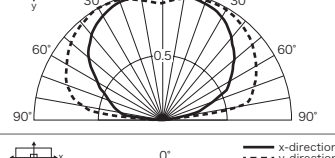

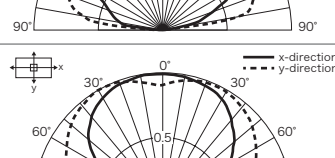



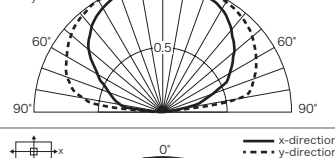

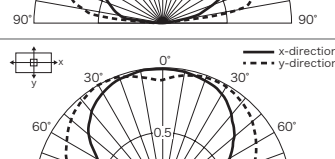
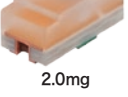

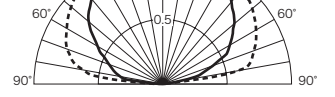


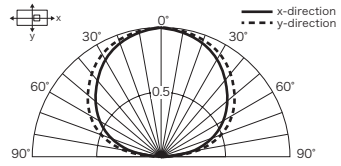




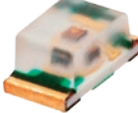

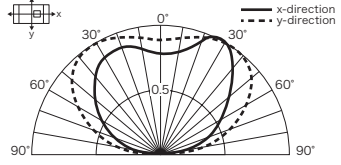






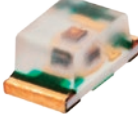

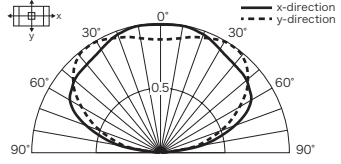







SINGLE-COLOR LEDs

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 <sup>-1</sup>		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity Iv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ <sub>1/2</sub> (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current If	順電流 Forward current If	順電流低減率 Forward current decrease rate ΔIf Derating start temp.		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Typ.	Typ.	V	deg.					mA	mA				
L1.6 x W0.8 x H0.7  1.4mg	VXGW1151CDS-3BZD3		0.291	0.308	-	82	112	3.0	3.5	160 / 168		10	20	0.80	85	-40~+100	-40~+110	4,000	
L1.6 x W0.8 x H0.7  1.4mg	VXGW1151CCS-3BYZ2		0.293	0.281	-	68	92	3.0	3.5	160 / 168		10	20	0.80	85	-40~+100	-40~+110	4,000	
L1.6 x W0.8 x H0.7  1.4mg	VXGW1151CA3S-3BXV2		0.165	0.122	-	56	70	3.0	3.5	160 / 168		10	20	0.80	85	-40~+100	-40~+110	4,000	
L1.6 x W0.8 x H0.7  2.0mg	VXKW115ACDS-3CYC3		0.279	0.290	-	680	800	2.9	3.4	133 / 163		20	25	1.00	85	-40~+100	-40~+110	4,000	
	VXJW115ACDS-3C5L3		0.316	0.316	-	220	300	3.1	3.9	133 / 163		20	25	1.00	85	-40~+100	-40~+110	4,000	
L1.6 x W0.8 x H0.7  2.0mg	VXKW115ACCS		0.200	0.268	-	470	740	2.9	3.4	133 / 163		20	25	1.00	85	-40~+100	-40~+110	4,000	
	VXJW115ACCS		0.200	0.268	-	150	300	3.1	3.9	133 / 163		20	25	1.00	85	-40~+100	-40~+110	4,000	
L1.6 x W0.8 x H0.7  2.0mg	VXKW115ACA3S-3CXK8		0.208	0.198	-	560	700	2.9	3.4	133 / 163		20	25	1.00	85	-40~+100	-40~+110	4,000	
	VXJW115ACA3S-3C3W2		0.173	0.143	-	150	200	3.1	3.9	133 / 163		20	25	1.00	85	-40~+100	-40~+110	4,000	
L1.6 x W0.8 x H0.7  2.0mg	VXKB111ACS-3C43B		-	-	468	180	250	3.0	3.4	133 / 163		20	25	1.00	85	-40~+100	-40~+110	4,000	

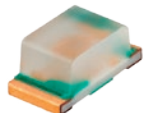

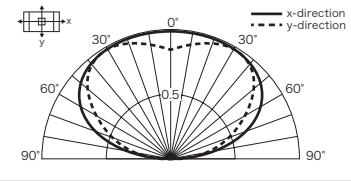

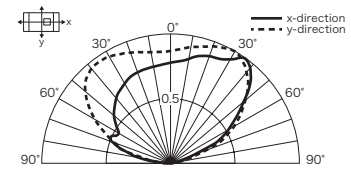








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※1 CIE1931に基づく/In accordance with CIE1931

SINGLE-COLOR 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 <sup>-1</sup>		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity Iv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ <sub>1/2</sub> (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current If	順電流 Forward current If	順電流低減率 Forward current decrease rate ΔIf		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Typ.	Typ.	Typ.	Max.					mA/°C	°C				
単位 (Units)			-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.	
 L1.0 x W0.5 x H0.25 0.29mg	FHD1105P		-	-	570	6.3	9	1.9	2.4	130 / 150		5	20	0.27	25	-40~+85	-40~+100	10,000	
	FHY1105P		-	-	590	22.5	32	1.9	2.4	130 / 150		5	20	0.27	25	-40~+85	-40~+100	10,000	
	FHA1105P		-	-	604	28	40	1.9	2.4	130 / 150		5	20	0.27	25	-40~+85	-40~+100	10,000	
	FHR1105P		-	-	623	22.5	32	1.9	2.4	130 / 150		5	20	0.27	25	-40~+85	-40~+100	10,000	
 L1.6 x W0.8 x H0.7 1.4mg	VFHL1111C-4B23C		-	-	562	12	18	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHD1111C-3B72B		-	-	572	33	43	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHY1111C-3BX2D		-	-	590	56	75	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHA1111C-3BZ2C		-	-	605	82	110	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHV1111C-3BY2B		-	-	615	68	91	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHR1111C-3BY2A		-	-	626	68	91	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
 L1.6 x W0.8 x H0.7 1.4mg	VJDY1111C-4C54C		-	-	589	220	330	2.1	2.5	140 / 140		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VJDA1111C-4C72C		-	-	606	330	470	2.1	2.5	140 / 140		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VJDV1111C-4C74A		-	-	616	330	470	2.1	2.5	140 / 140		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VJDR1111C-4C52A		-	-	626	220	330	2.1	2.5	140 / 140		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VJDR1111C-4C21C		-	-	635	120	180	2.1	2.5	140 / 140		20	30	1.00	75	-40~+100	-40~+105	4,000	

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 ※1 CIE1931に基づく/In accordance with CIE1931

SINGLE-COLOR LEDs

パッケージ Package	品名 Part name	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	
		発光色 Emitted color	色度座標 Chromaticity coordinates <sup>-1</sup>		ドミナント発光波長 Dominant wavelength $\lambda_d$ Typ.	発光光度 Luminous intensity		順電圧 Forward voltage		指向半値角 Half-intensity angle $2\theta_{1/2}$ ( $\theta_x/\theta_y$ )	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		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Min.	Typ.	Typ.	Max.					$\Delta I_F$	Derating start temp. °C				
単位 (Units)		-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.		
 L1.6 x W0.8 x H0.7 1.4mg	XPG1111C		-	-	526	120	170	2.9	3.2	140 / 140		5	20	0.26	25	-40~+85	-40~+100	4,000	
	YBG1101C-M YPY1101C-2005-M YPY1101C-M		-	-	562	4.3	12	2.0	2.5	110 / 130		20	30	0.43	25	-40~+85	-40~+100	4,000	
FY1101C-2005-M FY1101C-M		-	-	569	4	8	2.0	2.4	120 / 130	5		30	0.43	25	-40~+85	-40~+100	4,000		
FA1101C-2005-M FA1101C-M		-	-	571	19.8	35	2.1	2.5	120 / 130	20		30	0.43	25	-40~+85	-40~+100	4,000		
FR1101C-2005-M FR1101C-M		-	-	590	10	20	1.9	2.4	130 / 130	5		30	0.43	25	-40~+85	-40~+100	4,000		
FA1101C-2005-M FA1101C-M		-	-	590	35	65	1.9	2.4	130 / 130	20		30	0.43	25	-40~+85	-40~+100	4,000		
FA1101C-2005-M FA1101C-M		-	-	605	10	25	1.9	2.4	130 / 130	5		30	0.43	25	-40~+85	-40~+100	4,000		
FA1101C-2005-M FA1101C-M		-	-	605	35	90	2.0	2.4	130 / 130	20		30	0.43	25	-40~+85	-40~+100	4,000		
FR1101C-2005-M FR1101C-M		-	-	623	10	20	1.9	2.4	130 / 130	5		30	0.43	25	-40~+85	-40~+100	4,000		
FR1101C-2005-M FR1101C-M		-	-	626	35	80	2.0	2.4	130 / 130	20		30	0.43	25	-40~+85	-40~+100	4,000		

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ULTRAVIOLET

INFRARED & SENSORS

VISIBLE LIGHT

INFORMATION

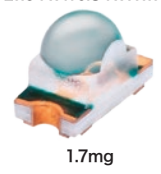

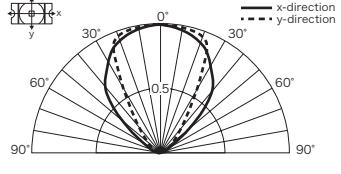










ULTRAVIOLET

INFRARED & SENSORS

VISIBLE LIGHT

INFORMATION

SINGLE-COLOR LEDs

パッケージ Package	品名 Part name	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	
		発光色 Emitted color	色度座標 Chromaticity coordinates <sup>*1</sup>		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity Iv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ <sub>1/2</sub> (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current If	順電流 Forward current If	順電流低減率 Forward current decrease rate ΔIf Derating start temp.		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		mcd	V	mA	mA/°C					°C	°C				
単位 (Units)		-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.		
 <p>L1.64 x W0.84 x H1.15 1.7mg</p>	VFHL1104P-4B63C		-	-	562	27	40	1.9	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHD1104P-4BY2B		-	-	573	68	100	1.9	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHY1104P-4C42D		-	-	589	180	250	1.9	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDY1104P-4CY3C		-	-	589	680	1,000	2.1	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHA1104P-4C42C		-	-	606	180	250	1.9	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDA1104P-4D12C		-	-	606	1,000	1,500	2.1	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHV1104P-4C62B		-	-	616	270	420	1.9	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDV1104P-4D13A		-	-	615	1,000	1,500	2.1	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHR1104P-4C42A		-	-	626	180	250	1.9	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDR1104P-4CZ2A		-	-	626	820	1,200	2.1	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDR1104P-4C81C		-	-	635	390	560	2.1	2.5	80 / 65		20	30	1.00	75	-40~+100	-40~+105	3,000	

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ULTRAVIOLET

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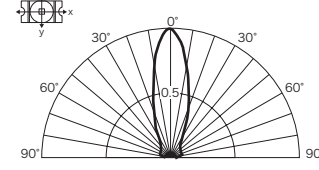
VISIBLE LIGHT

VISIBLE LIGHT

INFORMATION

INFORMATION

SINGLE-COLOR LEDs

パッケージ Package	品名 Part name	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	
		発光色 Emitted color	色度座標 Chromaticity coordinates <sup>*1</sup>		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity Iv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ <sub>1/2</sub> (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current If	順電流 Forward current If	順電流低減率 Forward current decrease rate ΔIf Derating start temp.		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Typ.	Typ.	Typ.	Max.					mA/°C	°C				
単位 (Units)		-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.		
 <p>L1.64 x W0.84 x H1.26 1.7mg</p>	VFHL1116P-4BX3C		-	-	562	56	82	1.9	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHD1116P-4C32B		-	-	573	150	220	1.9	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFJD1116P-4C62B		-	-	573	270	390	1.9	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHY1116P-4C82D		-	-	589	390	560	1.9	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDY1116P-4D33C		-	-	589	1,500	2,200	2.1	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHA1116P-4C82C		-	-	606	390	560	1.9	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDA1116P-4D52C		-	-	606	2,200	3,300	2.1	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDV1116P-4D43A		-	-	615	1,800	2,700	2.1	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VFHR1116P-4C82A		-	-	626	390	560	1.9	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDR1116P-4D32A		-	-	626	1,500	2,200	2.1	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	
	VJDR1116P-4CZ1C		-	-	635	820	1,500	2.1	2.5	35 / 35		20	30	1.00	75	-40~+100	-40~+105	3,000	

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 \*1 CIE1931に基づく / In accordance with CIE1931



ULTRAVIOLET

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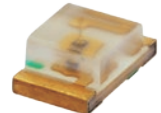

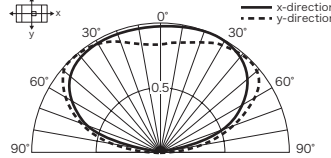





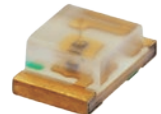

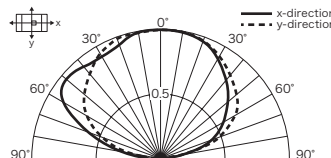


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SINGLE-COLOR LEDs

パッケージ Package	品名 Part name	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	
		発光色 Emitted color	色度座標 Chromaticity coordinates <sup>-1</sup>		ドミナント発光波長 Dominant wavelength $\lambda_d$ Typ.	発光光度 Luminous intensity		順電圧 Forward voltage		指向半値角 Half-intensity angle $2\theta_{1/2}$ ( $\theta_x/\theta_y$ )	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		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Min.	Typ.	Typ.	Max.					$\Delta I_F$	Derating start temp. °C				
単位 (Units)		-	-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.	
L2.0 x W1.25 x H0.8  2.84mg	VFHL1112H-4B13C		-	-	562	10	15	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHD1112H-3B72B		-	-	572	33	43	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHY1112H-3BY2D		-	-	590	68	91	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHA1112H-3BZ2C		-	-	605	82	110	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHV1112H-3BZ2B		-	-	615	82	110	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
	VFHR1112H-3BY2A		-	-	626	68	91	1.9	2.4	140 / 150		20	30	1.00	75	-40~+100	-40~+105	4,000	
L2.0 x W1.25 x H0.8  2.84mg	FKY1112H		-	-	588	150	270	2.1	2.6	140 / 140		20	30	0.40	25	-40~+85	-40~+100	4,000	
	FKA1112H		-	-	605	220	390	2.1	2.6	140 / 140		20	30	0.40	25	-40~+85	-40~+100	4,000	
	FKR1112H		-	-	623	150	270	2.1	2.6	140 / 140		20	30	0.40	25	-40~+85	-40~+100	4,000	

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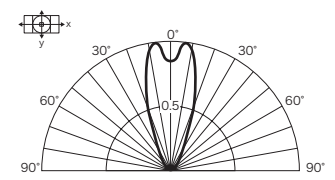


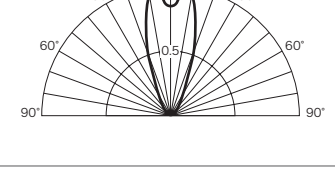

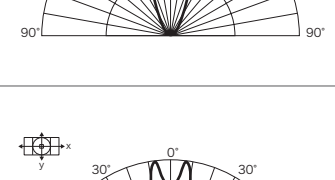


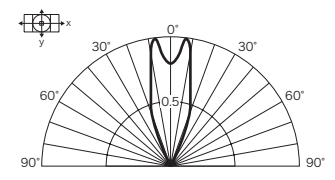


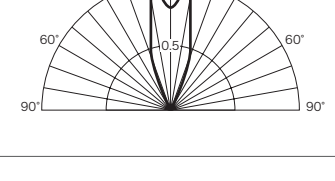

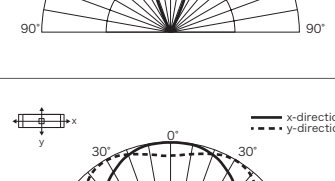


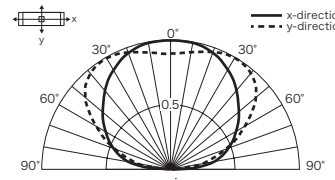


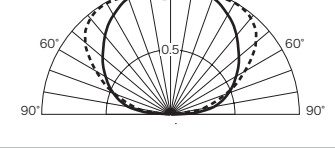

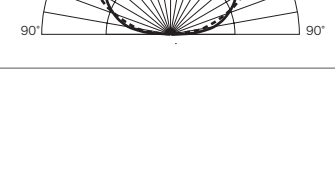
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SINGLE-COLOR LEDs

パッケージ Package	品名 Part name	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	
		発光色 Emitted color	色度座標 Chromaticity coordinates <sup>-1</sup>		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity Iv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ <sub>1/2</sub> (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current If	順電流 Forward current If	順電流低減率 Forward current decrease rate ΔIf Derating start temp.		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Typ.	Typ.	Typ.	Max.					mA/°C	°C				
単位 (Units)		-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.		
 L3.2 x W1.6 x H1.85 7.81mg	VFJD1105W-5C63A		-	-	572	270	430	1.9	2.4	40 / 40		20	30	1.00	75	-40~+100	-40~+105	2,000	
	VFJY1105W-4C92D		-	-	589	470	680	1.9	2.4	40 / 40		20	30	1.00	75	-40~+100	-40~+105	2,000	
	VFR1105W-6C9		-	-	626	470	820	1.9	2.4	40 / 40		20	30	1.00	75	-40~+100	-40~+120	2,000	
 L3.2 x W1.6 x H1.85 7.81mg	FKY1105W		-	-	589	1,000	2,200	2.2	2.6	35 / 35		20	30	1.00	75	-40~+100	-40~+105	2,000	
	FKA1105W		-	-	605	1,500	3,300	2.2	2.6	35 / 35		20	30	1.00	75	-40~+100	-40~+105	2,000	
	FKR1105W		-	-	624	1,000	2,200	2.2	2.6	35 / 35		20	30	1.00	75	-40~+100	-40~+105	2,000	
 L2.1 x W1.0 x H0.6 2.1mg	YPY1113F-1215		-	-	572	6.3	10	1.9	2.4	140 / 150		5	15	0.21	25	-40~+85	-40~+100	4,000	
	FKY1113F		-	-	589	150	270	2.1	2.6	140 / 130		20	30	0.40	25	-40~+85	-40~+100	4,000	
	FKR1113F		-	-	625	150	275	2.1	2.6	140 / 130		20	30	0.40	25	-40~+85	-40~+100	4,000	

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 ※1 CIE1931に基づく/In accordance with CIE1931

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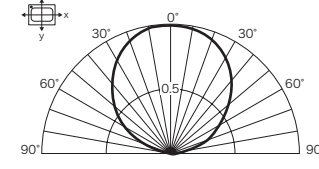




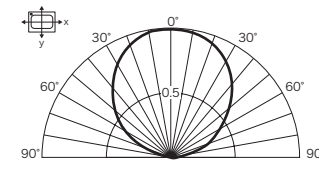



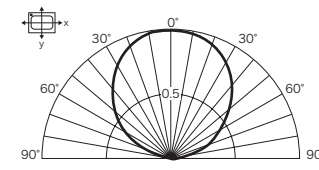



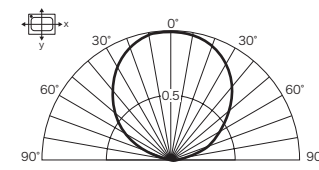



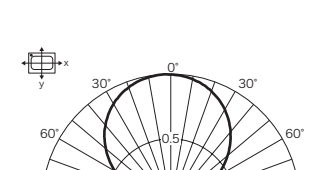




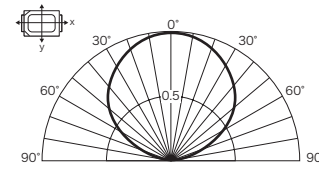
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SINGLE-COLOR LEDs

パッケージ Package	品名 Part name	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
		発光色 Emitted color	色度座標 Chromaticity coordinates <sup>*1</sup>		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity Iv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ <sub>1/2</sub> (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current If	順電流 Forward current If	順電流低減率 Forward current decrease rate ΔIf		動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg		
			x Typ.	y Typ.		Typ.	Typ.	Typ.	Max.					mA/°C	°C				
単位 (Units)		-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.		
L2.2 x W1.7 x H0.75  8.2mg	VXGW1152GDS-3C3J3		0.293	0.281	-	150	210	3.1	3.5	115 / 115		10	20	0.57	85	-40~+100	-40~+120	3,000	
	VXKW1152GDS-3D2Z2		0.243	0.237	-	1,200	1,950	2.9	3.5	115 / 115		30	40	1.14	85	-40~+100	-40~+120	3,000	
	VCTW1152GDS		0.2975	0.3028	-	2,200	3,500	2.8	3.2	115 / 115		30	40	1.14	85	-40~+100	-40~+120	3,000	
L2.2 x W1.7 x H0.75  8.2mg	VXGW1152GCS		0.200	0.267	-	68	94	3.1	3.5	115 / 115		10	20	0.57	85	-40~+100	-40~+120	3,000	
	VXKW1152GCS		0.200	0.267	-	1,000	2,150	2.9	3.5	115 / 115		30	40	1.14	85	-40~+100	-40~+120	3,000	
L2.2 x W1.7 x H0.75  8.2mg	VXGW1152GA3S		0.190	0.170	-	47	63	3.1	3.5	115 / 115		10	20	0.57	85	-40~+100	-40~+120	3,000	
	VXKW1152GA3S		0.190	0.170	-	680	1,690	2.9	3.5	115 / 115		30	40	1.14	85	-40~+100	-40~+120	3,000	
L2.2 x W1.7 x H0.75  8.2mg	VXLB1112GS		-	-	470	470	700	2.8	3.3	115 / 115		30	40	1.60	85	-40~+100	-40~+110	3,000	
	VCSG1112GS		-	-	525	1,000	1,400	2.8	3.2	115 / 115		20	30	1.20	85	-40~+100	-40~+110	3,000	
L2.2 x W1.7 x H0.75  8.2mg	VFSY1112GS-3CY2D		-	-	590	680	900	2.0	2.8	115 / 115		20	70	2.80	85	-40~+100	-40~+110	3,000	
	VFSV1112GS-3CY2A		-	-	613	680	1,000	2.0	2.8	115 / 115		20	70	2.80	85	-40~+100	-40~+110	3,000	
	VFSR1112GS-3CX2A		-	-	624	560	700	2.0	2.8	115 / 115		20	70	2.80	85	-40~+100	-40~+110	3,000	
L2.17 x W1.4 x H1.3  8mg	VXGW1158LDS-3C1Z2		0.284	0.280	-	100	140	3.1	3.5	115 / 115		10	20	0.57	85	-40~+100	-40~+120	3,000	

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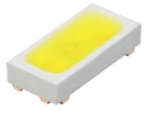

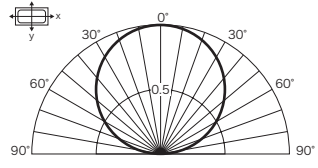



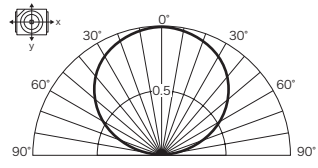


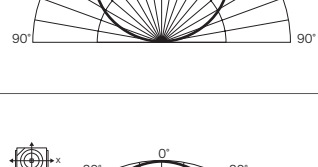


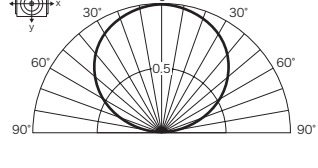



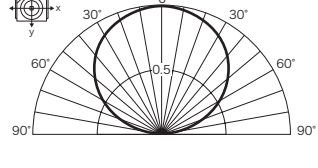
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SINGLE-COLOR LEDs

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 <sup>*1</sup>		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity Iv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ <sub>1/2</sub> (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current If	順電流 Forward current If	順電流低減率 Forward current decrease rate ΔIf Derating start temp.		動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Typ.	Typ.	V	deg.					mA	mA				
単位 (Units)			-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	°C	pcs.
L3.0 x W1.4 x H0.67  7.4mg	VXLW1155GDS-3D7K3		0.304	0.298	-	3,300	4,000	2.8	3.3	115 / 115		30	170	5.67	95	-40~+100	-40~+120	3,000	
L3.5 x W2.8 x H1.9  33mg	VXGW1154LDS		0.292	0.294	-	120	170	3.1	3.5	115 / 115		10	20	0.57	85	-40~+100	-40~+120	2,000	
	VXKW1154LDS-3D4L3		0.316	0.356	-	1,800	2,550	2.9	3.5	115 / 115		30	40	1.14	85	-40~+100	-40~+120	2,000	
L3.5 x W2.8 x H1.9  33mg	VXKW1154LCS		0.200	0.267	-	1,200	2,550	2.9	3.5	115 / 115		30	40	1.14	85	-40~+100	-40~+120	2,000	
L3.5 x W2.8 x H1.9  33mg	VXKW1154LA3S		0.190	0.170	-	680	1,690	2.9	3.5	115 / 115		30	40	1.14	85	-40~+100	-40~+120	2,000	

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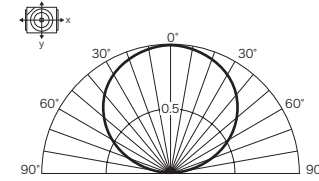
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SINGLE-COLOR LEDs

パッケージ Package	品名 Part name	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		
		発光色 Emitted color	色度座標 Chromaticity coordinates <sup>*1</sup>		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity Iv Min. Typ.		順電圧 Forward voltage Vf Typ. Max.		指向半値角 Half-intensity angle 2θ <sub>1/2</sub> (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current If	順電流 Forward current If	順電流低減率 Forward current decrease rate ΔIf Derating start temp.				動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg
			x Typ.	y Typ.		Typ.	Typ.	Typ.	Max.					mA/°C	°C				
単位 (Units)		-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.		
 <p>L3.5 x W2.8 x H1.9 33mg</p>	VXJB1104LSE		-	-	464	82	170	3.0	3.5	120 / 120	-	20	30	0.86	85	-40~+100	-40~+120	2,000	
	VFHG1104LS		-	-	561	18	25	2.0	2.5	120 / 120	-	20	30	0.86	85	-40~+100	-40~+120	2,000	
	VFJP1104LS		-	-	572	82	120	2.0	2.5	120 / 120	-	20	30	0.86	85	-40~+100	-40~+120	2,000	
	VFHY1104LS		-	-	589	120	170	2.0	2.5	120 / 120	-	20	30	0.86	85	-40~+100	-40~+120	2,000	
	VFJY1104LS		-	-	589	180	255	2.0	2.5	120 / 120	-	20	30	0.86	85	-40~+100	-40~+120	2,000	
	VFGY1104LS		-	-	589	470	645	2.2	2.6	120 / 120	-	50	70	1.43	71	-40~+100	-40~+120	2,000	
	VFSY1104LS		-	-	592	1,500	2,000	2.2	2.8	120 / 120	-	50	70	1.56	75	-40~+100	-40~+120	2,000	
	VFHA1104LS		-	-	606	120	170	2.0	2.5	120 / 120	-	20	30	0.86	85	-40~+100	-40~+120	2,000	
	VFGA1104LS		-	-	606	680	910	2.2	2.6	120 / 120	-	50	70	1.43	71	-40~+100	-40~+120	2,000	
	VFGV1104LS		-	-	616	680	940	2.2	2.6	120 / 120	-	50	70	1.43	71	-40~+100	-40~+120	2,000	
	VFSV1104LS		-	-	616	1,500	2,000	2.2	2.8	120 / 120	-	50	70	1.56	75	-40~+100	-40~+120	2,000	
	VFHR1104LS		-	-	626	100	140	2.0	2.5	120 / 120	-	20	30	0.86	85	-40~+100	-40~+120	2,000	
	VFJR1104LS		-	-	632	150	210	2.0	2.5	120 / 120	-	20	30	0.86	85	-40~+100	-40~+120	2,000	
	VFSR1104LS		-	-	626	1,500	2,000	2.2	2.8	120 / 120	-	50	70	1.56	75	-40~+100	-40~+120	2,000	



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SINGLE-COLOR 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								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 <sup>1)</sup>		ドミナント発光波長 Dominant wavelength $\lambda_d$	発光光束 Luminous flux $\Phi_v$		順電圧 Forward voltage $V_f$		指向半値角 Half-intensity angle $2\theta_{1/2}$ ( $\theta_x/\theta_y$ )	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 - solder point] $R_{th(j-s)}$		順電流 Forward current $I_F$	順電流低減率 Forward current decrease rate $\Delta I_F$	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.								Typ.
単位 (Units)			-		nm	lm		V		deg.	-	mA	°C/W		mA	mA/°C	°C	°C	°C	pcs.		
L3.0 x W1.4 x H0.67  7.4mg	BXLW1155GDS-3B5K3		0.304	0.298	-	22	30	3.0	3.5	115 / 115		80	40	-	170	5.67	95	125	-40~+100	-40~+120	3,000	
L3.2 x W1.4 x H0.58  7.7mg	BXMW115HGSE-100		0.290	0.275	-	26.1	36	2.9	3.1	115 / 115		80	15.0	-	170	11.33	110(Ts)	125	-40~+100	-40~+120	3,000	
	BXMW115HGSE-200		0.290	0.275	-	34.8	50	3.0	3.2	115 / 115		120	15.0	-	170	11.33	110(Ts)	125	-40~+100	-40~+120	3,000	
L3.2 x W1.4 x H0.58  7.7mg	BXMW115HGSE-300 (*Only for Back light application)		0.277	0.260	-	26.1	31.5	2.9	3.1	115 / 115		80	15.0	-	170	11.33	110(Ts)	125	-40~+100	-40~+120	3,000	
	BXMW115HGSE-400 (*Only for Back light application)		0.277	0.260	-	38.3	44.5	3.0	3.2	115 / 115		120	15.0	-	170	11.33	110(Ts)	125	-40~+100	-40~+120	3,000	
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		0.277	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	71	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	620	6.5	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	

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ULTRAVIOLET

INFRARED & SENSORS

VISIBLE LIGHT

INFORMATION

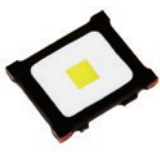

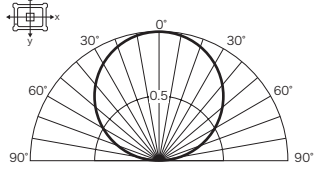


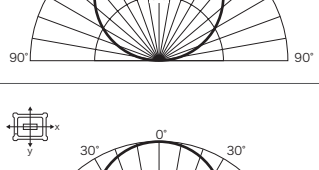

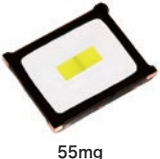

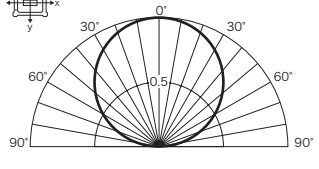


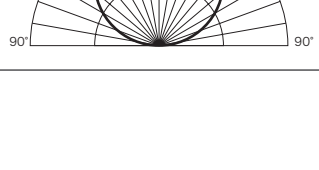

ULTRAVIOLET

INFRARED & SENSORS



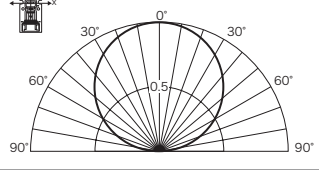



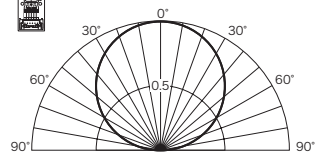

VISIBLE LIGHT

INFORMATION

SINGLE-COLOR 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./Reel	WEB	
			色度座標 Chromaticity coordinates <sup>※1</sup> x y Typ. Typ.		ドミナント発光波長 Dominant wavelength $\lambda_d$ Typ.	発光光束 Luminous flux $\Phi_v$ Min. Typ.		順電圧 Forward voltage $V_f$ Typ. Max.		指向半値角 Half-intensity angle $2\theta_{1/2}$ ( $\theta_x/\theta_y$ )		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 - solder point] $R_{th(j-b)}$ Typ. Max.	順電流 Forward current $I_F$	順電流低減率 Forward current decrease rate $\Delta I_F$ 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 $T_{stg}$				
単位 (Units)			-		nm	lm		V		deg.	-	mA	°C/W	mA	mA/°C	°C	°C	°C	pcs.			
 28.6mg	HCXW115AKSE-A (Emission size:1mm x 1mm)		0.3299	0.3436	-	285	400	3.15	3.55	117 / 117		1,000	1.6	2.8	100~ 1,500	-	-	150	-40~+125	-40~+125	2,000	
	HCXW115AKSE-B (Emission size:0.85mm x 0.85mm)		0.3299	0.3436	-	260	375	3.15	3.55	117 / 117		1,000	1.6	2.8	100~ 1,500	-	-	150	-40~+125	-40~+125	2,000	
 55mg	HCXW125DKSE-A (Emission size:2.2mm x 1mm)		0.3299	0.3436	-	610	800	6.3	7.1	117 / 117		1,000	0.9	1.3	100~ 1,500	-	-	150	-40~+125	-40~+125	2,000	
	HCXW125DKSE-B (Emission size:.2.2mm x 0.85mm)		0.3299	0.3436	-	555	735	6.3	7.1	117 / 117		1,000	0.9	1.3	100~ 1,500	-	-	150	-40~+125	-40~+125	2,000	

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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 <sup>※1</sup> x y Typ. Typ.		ドミナント発光波長 Dominant wavelength $\lambda_d$ Typ.	発光光束 Luminous flux $\Phi_v$ Min. Typ.		順電圧 Forward voltage $V_f$ Typ. Max.		指向半値角 Half-intensity angle $2\theta_{1/2}$ ( $\theta_x/\theta_y$ )		選別電流 Sorting current $I_F$	熱抵抗 [ジャンクション-基板裏面] Thermal resistance [Junction - board] $R_{th(j-b)}$ Typ. Max.	順電流 Forward current $I_F$	順電流低減率 Forward current decrease rate $\Delta I_F$ 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 $T_{stg}$				
単位 (Units)			-		nm	lm		V		deg.	-	mA	°C/W	mA	mA/°C	°C	°C	°C	pcs.			
 7g	BUA1610M-10		0.325	0.335	-	1,700	1,800	15.5	17	120 / 120		1,000	0.8	1.00	200~ 1,500	-	-	150	-40~+85	-40~+120	150	
 7g	BUA1610M-T-10		0.325	0.335	-	1,700	1,800	15.5	17	120 / 120		1,000	0.8	1.00	200~ 1,500	-	-	150	-40~+85	-40~+120	150	

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