





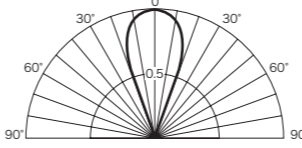

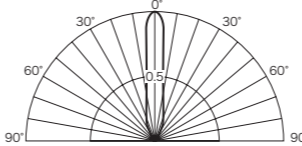

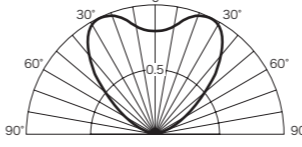


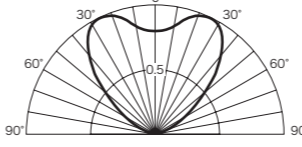

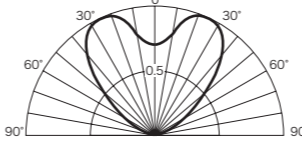




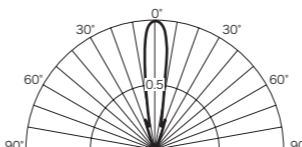





Ta=25°C

THROUGH-HOLE LEDs

パッケージ Package	品名 Part name	発光色 Emitted color	レンズ色 Lens 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./Pack	WEB
				色度座標 Chromaticity coordinates ^{*1}		ドミナント発光波長 Dominant wavelength λ_d Typ.	発光光度 Luminous intensity I_v		順電圧 Forward voltage V_f		指向半値角 Half-intensity angle $2\theta_{1/2}$ (θ_x/θ_y)		選別電流 Sorting current I_s	順電流 Forward current I_f	順電流低減率 Forward current reduction rate ΔI_f			
x	y	Min.	Typ.	Typ.	Max.		mA	mA	mA/°C	°C		°C			°C			

単位 (Units)

Φ3mm Direct mount type

 160mg	THW3801C		Water clear	0.310	0.320	-	800	1,600	2.9	3.3	40 / 40		5	10	0.133	25	-40~+85	-40~+100	200
	THB3801C		Water clear	-	-	470	600	1,200	3.0	3.5	15 / 15		5	10	0.133	25	-40~+85	-40~+100	200
	THG3801C		Water clear	-	-	530	1,400	3,500	3.0	3.5	15 / 15		5	10	0.133	25	-40~+85	-40~+100	200
 160mg	THW3809X		Water clear	0.310	0.320	-	100	200	2.9	3.3	100 / 100		5	10	0.133	25	-40~+85	-40~+100	200
	THB3809X		Water clear	-	-	470	30	75	3.0	3.5	90 / 90		5	10	0.133	25	-40~+85	-40~+100	200
	THG3809X		Water clear	-	-	530	90	180	3.0	3.5	90 / 90		5	10	0.133	25	-40~+85	-40~+100	200
 160mg	YPY3863X		Pale yellow clear	-	-	572	180	360	2.1	2.5	20 / 20		20	50	0.67	25	-40~+85	-40~+100	200
	FY3863X		Pale yellow clear	-	-	590	360	720	1.9	2.4	20 / 20		20	50	0.67	25	-40~+85	-40~+100	200
	FKY3863X		Pale yellow clear	-	-	590	1,400	2,800	2.3	2.5	16 / 16		20	50	0.67	25	-40~+85	-40~+100	200
	FA3863X		Pale orange clear	-	-	605	400	800	1.9	2.4	20 / 20		20	50	0.67	25	-40~+85	-40~+100	200
	FR3863X		Pale red clear	-	-	626	320	640	1.9	2.4	20 / 20		20	50	0.67	25	-40~+85	-40~+100	200
	FKR3863X		Pale red clear	-	-	625	1,400	2,800	2.2	2.5	16 / 16		20	50	0.67	25	-40~+85	-40~+100	200



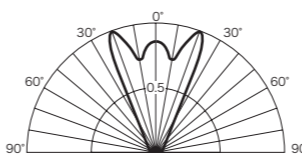






※製品画像は代表的なものです/The pictures illustrate representative products.
※1 CIE1931に基づく/In accordance with CIE1931




THROUGH-HOLE LEDs

パッケージ Package	品名 Part name	発光色 Emitted color	レンズ色 Lens 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./Pack	WEB	
				色度座標 Chromaticity coordinates ^{※1}		ドミナント発光波長 Dominant wavelength λ_d	発光光度 Luminous intensity		順電圧 Forward voltage		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	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
単位 (Units)				-		nm	mcd		V		deg.	-	mA	mA	mA/°C	°C	°C	°C	pcs.

Φ3mm Direct mount type, blowhole-free design

 160mg	FHD3C64X-H		Pale yellow clear	-	-	572	35	100	1.9	2.5	50 / 50		10	20	0.27	25	-30~+85	-30~+100	200	
	FHY3C64X-H		Pale yellow clear	-	-	588	125	350	1.9	2.5	50 / 50		10	20	0.27	25	-30~+85	-30~+100	200	
	FHA3C64X-H		Pale orange clear	-	-	603	125	350	1.9	2.5	50 / 50		10	20	0.27	25	-30~+85	-30~+100	200	
	FHR3C64X-H		Pale red clear	-	-	624	55	160	1.9	2.4	50 / 50		10	20	0.27	25	-30~+85	-30~+100	200	
	FKY3C64X-H		Pale yellow clear	-	-	590	500	1,000	2.3	2.5	60 / 60		20	50	0.67	25	-40~+85	-40~+100	200	
	FKR3C64X-H		Pale red clear	-	-	625	500	1,000	2.2	2.5	60 / 60		20	50	0.67	25	-40~+85	-40~+100	200	

BI-COLOR Φ3mm Round shape type

 220mg	VRPG3312X		Milky white	-	-	567	6	12	2.1	2.5	55 / 55		20	30	0.33	25	-30~+85	-30~+100	200	
			Milky white	-	-	624	4	8	2.0	2.5	65 / 65									

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