

高輝度白色
表面実装
トップビューパッケージ

High-Brightness White
SMD Top View Package

LW806 series

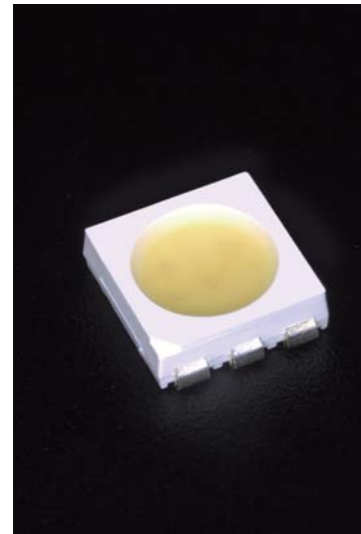
特徴 FEATURES

- 高輝度
High Brightness
- 小型表面実装パッケージ
Small SMD Package

- 高演色性
High Color-Rendition

用途 APPLICATIONS

- 表示灯
Indicators
- 電飾
Illuminations
- 遊技機器
Amusement
- 照明
Lighting



品番 Part No.	発光色 Emitted Color	チップ Chip	サイズ(mm) Size
LW806-005	●	3in1	5.0×5.0 t=1.6
LW806-007	●	3in1	
LW806-011	●	1in1	
LW806-1**2770	●	1in1	
LW806-1**2780	●	1in1	
LW806-1**2790	●	1in1	
LW806-1**5770	●	1in1	
LW806-1**5780	●	1in1	
LW806-1**5790	●	1in1	
LW806-3**5780	●	3in1	

最大定格 MAXIMUM RATINGS

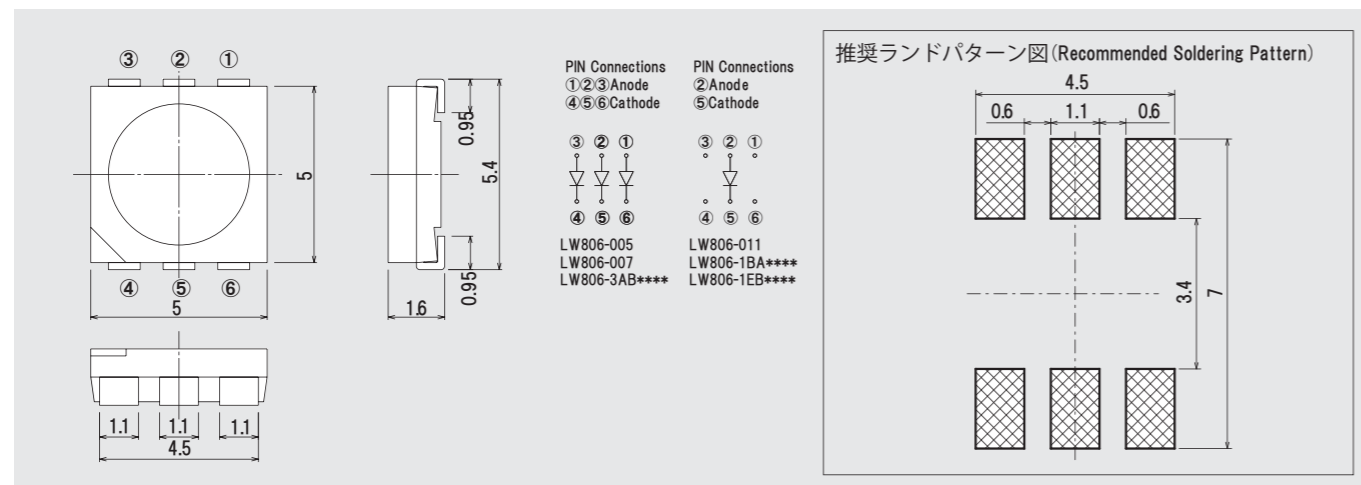
Item	逆電圧 Reverse Voltage	順電流 Forward Current	許容損失 Power Dissipation	動作温度 Operating Temp.	保存温度 Storage Temp.	半田付け温度※ Soldering Temp.※
Symbol	V _r	I _F	P _D	T _{opr.}	T _{stg.}	T _{sol.}
Unit	V	mA	mW	°C	°C	°C
Data	5	150 (50×3chip)	525	-30~+85	-40~+100	260
LW806-005/007		150	510			
LW806-011		150	510			
LW806-1BA****		150	510			
LW806-1EB****		150 (50×3chip)	525			

※最大5秒以内
Maximum 5s

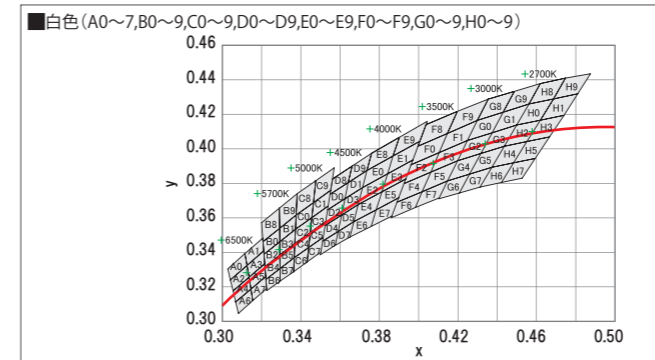
電気的光学的特性 ELECTRO-OPTICAL CHARACTERISTICS

Item	順電圧 Forward Voltage			色度 Chromaticity Coordinates	光度 Luminous Intensity			光束 Luminous Flux	平均演色性評価数 General Color Rendering Index	指向角 Viewing Angle	順電流条件 IF Conditions
	Min.	Typ.	Max.		Min.	Typ.	Max.				
Symbol	V _F			(x, y)	I _v			φ	R _a	2θ	mA
Unit	V			-	cd			lm	-	deg	-
LW806-005	2.8	3.2	3.5	(0.330, 0.340)	6.2	7.0	8.9	(18.7)	-	120	60 (20×3chip)
LW806-007	2.8	3.2	3.5	(0.410, 0.390)	5.2	6.0	7.4	(16.0)	-		60 (20×3chip)
LW806-011	2.7	3.0	3.4	(0.330, 0.340)	6.8	7.8	9.7	(20.8)	70		60
LW806-1**2770	2.7	3.0	3.4	(0.458, 0.410)	7.2	7.7	8.7	(21.7)	70		60
LW806-1**2780	2.7	3.0	3.4	(0.458, 0.410)	6.7	7.2	8.1	(20.2)	80		60
LW806-1**2790	2.7	3.0	3.4	(0.458, 0.410)	6.0	6.4	7.2	(17.9)	90		60
LW806-1**5770	2.7	3.0	3.4	(0.330, 0.340)	8.5	9.1	10.2	(23.8)	70		60
LW806-1**5780	2.7	3.0	3.4	(0.330, 0.340)	7.9	8.5	9.6	(22.2)	80		60
LW806-1**5790	2.7	3.0	3.4	(0.330, 0.340)	7.0	7.5	8.4	(20.2)	90		60
LW806-3**5780	2.8	3.2	3.5	(0.330, 0.340)	6.2	6.9	8.9	(18.4)	80		60 (20×3chip)

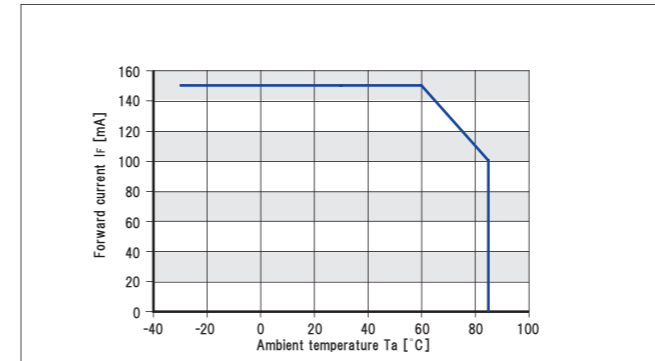
外形寸法 DIMENSIONS (Unit : mm)



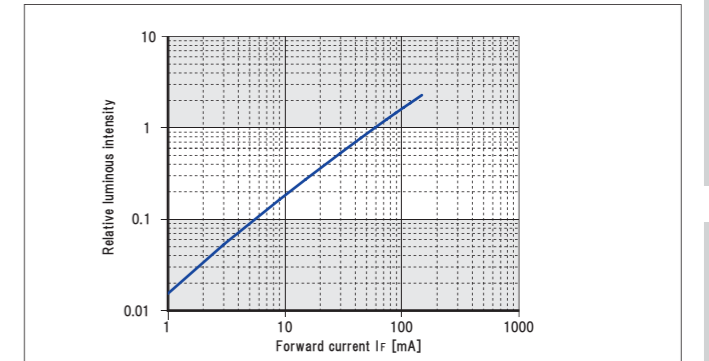
色度ランク分類 CHROMATICITY COORDINATES RANK



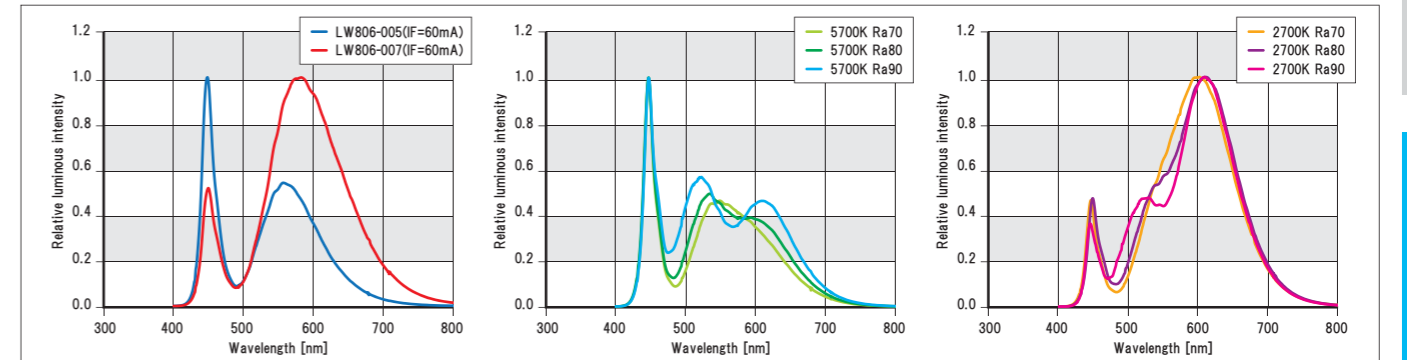
順電流 - 周囲温度特性 Forward current vs. Ambient temperature



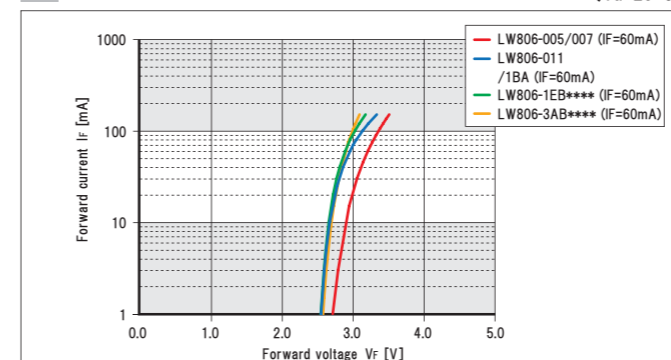
光度 - 順電流特性 Relative luminous intensity vs. Forward current



発光波長分布特性 Relative luminous intensity vs. Wavelength



順電流 - 順電圧特性 Forward current vs. Forward voltage



指向特性 Radiation pattern

