



Sunny LED



SUNNY LED SMD 3528

■ 应用范围

- LED日光照明应用
- 室内局部灯饰轮廓和建筑装饰照明
- 发光字体广告(如:灯条、模组)
- 安全发光指示牌
- 汽车仪表背光、高级轿车内饰照明
- 娱乐空间装饰照明
- 台灯和夜明灯
- LED背光模组(如:液晶电视、数码像)

■ Application Scope

- LED daylight lamp illumination application
- Indoor partial decorative lighting outline and building decorative lighting
- Illumination typeface advertisement (for example: The lamp strip, the mold train)
- sends the light guide to show sign
- automobile measuring appliance back light, In safely the custom car to play the part of the illumination)
- the entertainment space decorative lighting
- desk lamp and the night-light
- LED back light mold train (for example: Liquid crystal, digital likely frame).

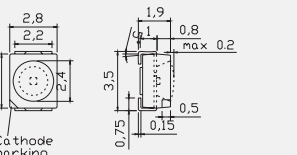
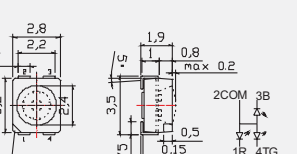
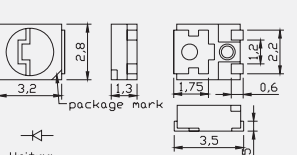


■ 技术特性

- 不带透镜广角散光, 增强高光效。
- 白光长达50000小时的寿命, 具有极好的热设计。
- 低成本, 高稳定性。
- 高抗静电能力 (大于4000V)。
- 可以使用回流焊接。
- 符合RoHS标准。

■ Technical Characteristic

- does not have the lens wide-angle astigmatism, strengthens Gao Guangxiao.the
- white light is 50000 hour life, has the extremely good hot design.
- low cost, high stable performance.
- high anti-static electricity ability (is bigger than 4000V).
- may use the reflow soldering.
- conforms to the RoHS standard

Dimension 描述	Part No. 型号	Material 材料	Chip 晶片	Lens Type 胶体颜色	Polarity 极性	Color 颜色	IF (mA) 电流	λ Dicie(nm) 波长/坐标	Iv (mcd)Min. 最小亮度	Iv (mcd)Typ. 典型亮度	View Angle 视角2θ, 1/2
3.5mm*2.8mm*1.9mm(3528 single series)  Unit:mm PACKAGE:2000PCS/REEL	HS011UR13-01	InGaAlP	1	Water	Forward	Red	20	622	260	390	120
	HS011UR13-02	InGaAlP	1	Water	Reverse	Red	20	622	180	230	120
	HS011UY13-01	InGaAlP	1	Water	Forward	Yellow	20	591	260	320	120
	HS011UY13-02	InGaAlP	1	Water	Reverse	Yellow	20	591	195	240	120
	HS011YG13-01	InGaAlP	1	Water	Forward	YG	20	572	22	60	120
	HS011TG13-01	InGaN	1	Water	Forward	Green	20	523	820	1000	120
	HS011MB13-01	InGaN	1	Water	Forward	Blue	20	468	180	240	120
	HS011XW16-01	InGaN	1	Diffuse	Forward	8000K	20	0.29,0.3	2000	1500	120
	HS011LW16-01	InGaN	1	Diffuse	Forward	2800K	20	0.45,0.41	2000	1400	120
	3.5mm*2.8mm*1.9mm(3528 3 in 1 series)  Unit:mm PACKAGE:2000PCS/REEL	HS023FC13-01	InGaAlP	1	Water	Forward	Red	20	523	680	800
Green											
						Blue	20	467	180	240	
HS023XW16-01	InGaN	3	Diffuse	Forward	8000K	20	3	0.29, 0.3	3800	4300	120
HS023LW16-01	InGaN	3	Diffuse	Forward	2800K	20	3	0.45,0.41	3800	4200	120
3.5mm*2.8mm*1.9mm(0.5W 3528 series)  Unit:mm PACKAGE:2000PCS/REEL	HS051XW16-02	InGaN	1	Diffuse	Forward	8000K	150	0.29, 0.3	5600	8000	120
						2800K	150	0.45,0.41	5600	8000	120



Application

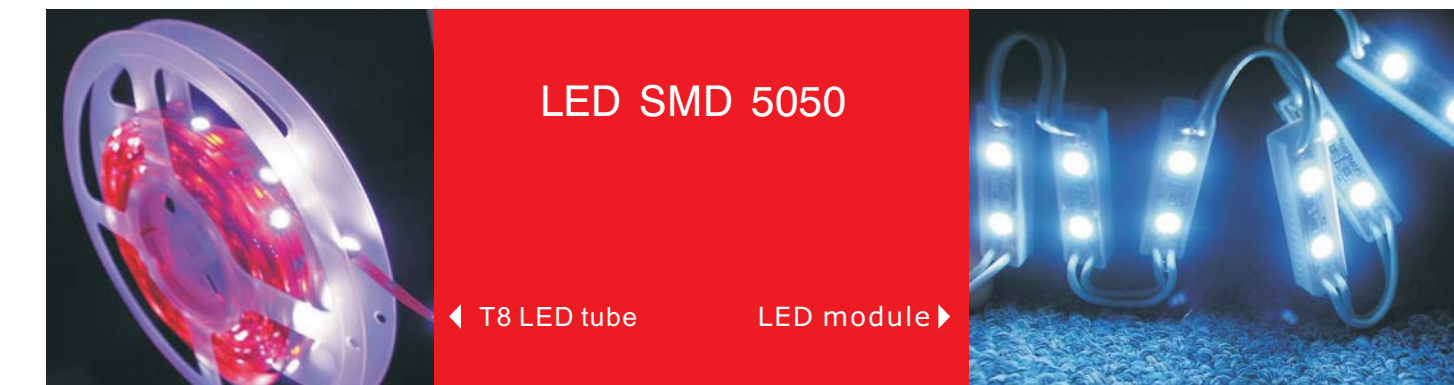
SUNNY LED SMD 5050

■ 应用范围

- T8 LED灯管
- 室内局部灯饰轮廓和建筑装饰照明
- 发光字体广告(如:灯条、模组)
- 安全发光指示牌
- 汽车仪表背光、高级轿车内饰照明
- 装饰灯、娱乐照明(如:灯管、灯条、模组)
- 台灯和夜明灯

■ Application Scope

- T8 LED tube
- Indoor partial decorative lighting outline and building decorative lighting
- Fonts ads (such as: lights, the modules)
- Sends the light guide to show sign
- LED guide showing licensing backlight Auto Meter, Senior Car
- Interior lights lighting, entertainment lighting (such as: LED tube, lamp, the module)
- Table lamp and night light



LED SMD 5050

■ 技术特性

- 不带透镜广角散光, 增强高光效。
- 白光长达50000小时的寿命, 具有极好的热设计。
- 低成本, 高稳定性。
- 高抗静电能力 (大于4000V)。
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5.5mm*5.0mm*1.5mm(5050 series)  Unit:mm PACKAGE:1000PCS/REEL	HS083UR13-01	InGaAlP	3	Water	Forward	Red	20	3	622	1200	1600	120
	HS083UY13-01	InGaAlP	3	Water	Forward	Yellow	20	3	591	1200	1600	120
	HS083TG13-01	InGaN	3	Water	Forward	Green	20	3	522	2600	3000	120
	HS083MB13-01	InGaN	3	Water	Forward	Blue	20	3	467	460	560	120
	HW083XW16-01	InGaN	3	Diffuse	Forward	8000K	20	3	0.29,0.3	3800	4400	120
	HW083W16-01	InGaN	3	Diffuse	Forward	2800K	20	3	0.45,0.41	3800	4300	120
	HS083FC13-01	InGaAlP	1	Water	Forward	8000K	Red	20	622	320	520	
							Green					
							Blue	20	467	180	240	

HXHP-E3LV 高功率发光二极管

High Power LED Series



Features(产品特征)

- ◆ Drive current(驱动电流): 350mA
- ◆ 80 lm (最大80lm)
- ◆ Instant light瞬间发光(小于100ns)
- ◆ Lumen maintenance of greater than 90% after 1000 hours (点亮1000小时流明衰减, 保持10%以内)
- ◆ RoHS - compliant (无有害物质, 符合RoHS标准)
- ◆ Maximum junction temperature:(最大结温) 130 c
- ◆ No UV or heat in the light beam (光束中无紫外线或发热)

HXHP-E3LV是一种新型 1W 高功率超小节能光源, 它不但像一般小功率发光二极管一样具有使用寿命长、可靠性高等优点, 还像传统的照明装置一样光亮。

Benefits(产品优势)

- ◆ High luminous intensity(高亮度)
- ◆ Low power consumption(低消耗功率)
- ◆ High reliability, firm and solid(高可靠性稳定性)
- ◆ Optimal optical and mechanical design(优秀的光学和机械设计)

HXHP-E3LV结构紧凑, 适合应用于各种商业照明灯具改造, 可以赋予照明工程师们无限的创意, 满足照明设计中光色一致性的要求, 引领半导体照明新潮流。

HXHP-E3LV可以成卷购买, 以进行大量组装。有关详细信息, 请咨询当地 HXHP-E3LV销售代表。

如果您的用量大时, 可根据客户需求为其量身定制 HXHP-E3LV高功率光源方案以满足特定需求。

Applications (产品应用)

- ◆ Flashlights(手电筒)
- ◆ Landscaping(景观照明)
- ◆ Business lighting (商业照明)
- ◆ Entertainment/Advertising (娱乐广告业)

Description(产品描述)

The precisely optical design takes the fine and special radiation pattern which provides suitable viewing angle and ideal for specific lighting applications. (本产品采用精密良好的光学设计, 形成了特定的可视角度和特殊的功能)

High Power LED Series



HXHP-E3LV High Power LED 有冷白, 正白, 暖白 2800K-10000K 各种色温供选择。 ○ ● ● ● ●

