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Automotive Exterior LEDs

Automotive Exterior LEDs

Automotive Exterior LEDs

- Head Lamp
- DRL/Position Lamp
- ADB Head Lamp
- Rear Lamp
- Turn Indicator
- Infrared Light



BUA1036A

For two lens Low beam unit /
single lens High beam unit



Size(mm)	26.5 × 20.0 × 2.1	
Luminous Flux	Typ.	1,300 lm
	IF	1,000 mA
Chromaticity Coordinates	x	0.325
	y	0.335
Forward Voltage	Typ.	13.0 V
Junction Temperature	150 °C	
Thermal Resistance / Rth(j-b)	Typ.	1.45 K/W
Operating Temperature	-40°C~ 120°C	

BUA1038A

For single lens Low beam unit /
single lens High beam unit.



Size(mm)	26.5 × 20.0 × 2.1	
Luminous Flux	Typ.	1,600 lm
	IF	1,000 mA
Chromaticity Coordinates	x	0.325
	y	0.335
Forward Voltage	Typ.	16.3 V
Junction Temperature	150 °C	
Thermal Resistance / Rth(j-b)	Typ.	1.2 K/W
Operating Temperature	-40°C~ 120°C	

BUA1052A

For single lens High and Low beam unit.



Size(mm)	26.5 × 20.0 × 2.1	
Luminous Flux	Typ.	2,350 lm
	IF	1,800 mA
Chromaticity Coordinates	x	0.328
	y	0.344
Forward Voltage	Typ.	12.7 V
Junction Temperature	150 °C	
Thermal Resistance / Rth(j-b)	Typ.	0.7 K/W
Operating Temperature	-40°C~ 120°C	

Head Lamp 前大灯

Highly efficient COB type LED with high heat dissipation technology
and connector-type power supply.
We are available for consultation regarding connectors.

提高散热性，高效率 COB 型器件
接电方法采用了连接器方式，我司可以提供连接器



Head lamp unit

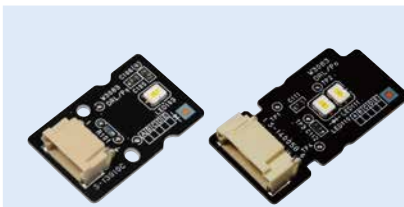


DRL/Position Lamp

日间行车灯 / 位置灯

High-flux, ceramic type LED package. This device is most advantageous to optical design using light guide, etc.

高功率的贴片型陶瓷封装
有利于导光方式等光学设计的点光源器件



High power SMD type LED; also supports assembly with resistors, connectors, etc. mounted on metal PCB. For further details, please contact our sales offices or refer to our website.

高功率SMD型LED, 還能夠支持安裝在金屬PCB上的電阻器、連接器等組裝。欲了解更多詳細內容, 請聯繫我們的銷售辦事處或參閱我們的網站。

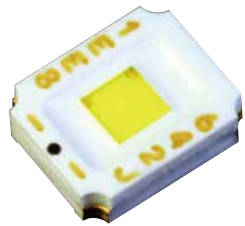
ADB Head Lamp

ADB 系統前大灯

Compact, high-flux SMD type LED package. Ideal for high-density mounting in narrow spaces.

高功率小型贴片封装最适用在狭窄空间的贴片, 及 LED 的紧接配置的应用

HCNW115AJTE



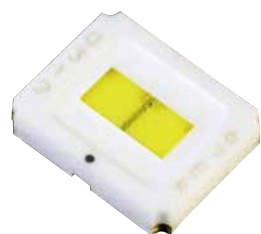
Size(mm)	3.0 × 2.5 × 0.77	
Luminous Flux	Typ.	315 lm
	IF	1,000 mA
Chromaticity Coordinates	x	0.326
	y	0.335
Forward Voltage	Typ.	3.25 V
Junction Temperature	150 °C	
Thermal Resistance / Rth(j-s)	Typ.	3.0 K/W
Operating Temperature	-40°C~125°C	

HCNW115CATE



Size(mm)	1.28 × 2.0 × 0.57	
Luminous Flux	Typ.	315 lm
	IF	1,000 mA
Chromaticity Coordinates	x	0.326
	y	0.335
Forward Voltage	Typ.	3.2 V
Junction Temperature	150 °C	
Thermal Resistance / Rth(j-s)	Typ.	3.2 K/W
Operating Temperature	-40°C~125°C	

HCNW125DJTE



Size(mm)	4.0 × 3.2 × 0.77	
Luminous Flux	Typ.	620 lm
	IF	1,000 mA
Chromaticity Coordinates	x	0.326
	y	0.335
Forward Voltage	Typ.	6.5 V
Junction Temperature	150 °C	
Thermal Resistance / Rth(j-s)	Typ.	1.8 K/W
Operating Temperature	-40°C~125°C	



Rear Lamp 后组合灯

Red SMD package for tail and stop lamp.
Two levels of brightness are available in accordance with the rear lamp design.

尾灯及刹车灯用的红色贴片封装
提供两种类型的亮度产品贴合灯体的设计

Turn Indicator 转向灯

High-flux, ceramic type LED package.
This device is most advantageous to optical design using light guide, etc.

高功率的贴片陶瓷封装
有利于导光方式等光学设计的点光源器件

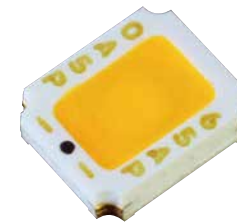
HFT□1108GS



	HFTV1108GS		HFTR1108GS*	
Size(mm)	3.4 × 3.3 × 1.9		3.4 × 3.3 × 1.9	
Luminous Intensity	Typ.	8,000 mcd	Typ.	4,000 mcd
	IF	140 mA	IF	140 mA
Dominant Wavelength	Typ.	617 nm	Typ.	630 nm
Forward Voltage	Typ.	2.15 V	Typ.	2.1 V
Junction Temperature	125 °C			
Thermal Resistance / Rth(j-s)	Typ.	30.0 K/W		
Operating Temperature	-40°C ~ 110°C			

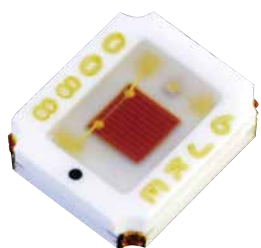
* HFTR1108GS
Under development

HCNY115AJTE



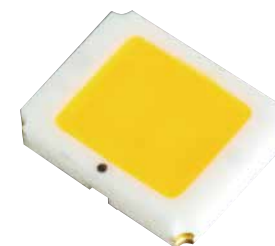
Size(mm)	3.0 × 2.5 × 0.77	
Luminous Flux	Typ.	71 lm
	IF	350 mA
Chromaticity Coordinates	x	0.566
	y	0.423
Forward Voltage	Typ.	2.95 V
Junction Temperature	150 °C	
Thermal Resistance / Rth(j-s)	Typ.	4.0 K/W
Operating Temperature	-40°C ~ 125°C	

HFZ□111AJTE



	HFZV111AJTE		HFZR111AJTE	
Size(mm)	3.0 × 2.5 × 0.77		3.0 × 2.5 × 0.77	
Luminous Flux	Typ.	64 lm	Typ.	32 lm
	IF	350 mA	IF	350 mA
Dominant Wavelength	Typ.	617 nm	Typ.	633 nm
Forward Voltage	Typ.	2.1 V	Typ.	2.1 V
Junction Temperature	150 °C			
Thermal Resistance / Rth(j-s)	Typ.	4.0 K/W		
Operating Temperature	-40°C ~ 125°C			

HCNY125DJTE



Size(mm)	4.0 × 3.2 × 0.77	
Luminous Flux	Typ.	246 lm
	IF	700 mA
Chromaticity Coordinates	x	0.566
	y	0.423
Forward Voltage	Typ.	6.0 V
Junction Temperature	150 °C	
Thermal Resistance / Rth(j-s)	Typ.	2.0 K/W
Operating Temperature	-40°C ~ 125°C	



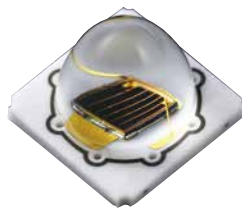
Infrared Light

红外

Infrared light source for sensing applications inside and outside the vehicle and for camera monitoring. Two types of wavelength and spatial distribution lineups in accordance with each application.

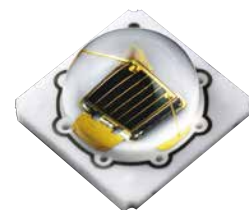
用于车内车外传感，摄像头监控的红外光源
根据用途提供两种类型的波长和发光角度的产品

M□N1105MS



	MGN1105MS		MFN1105MS	
Size(mm)	3.8 × 3.8 × 2.8		3.8 × 3.8 × 2.8	
Radiant Intensity	Typ.	530 mW/sr	Typ.	440 mW/sr
	IF	1,000 mA	IF	1,000 mA
Peak Wavelength	855 nm		945 nm	
Forward Voltage	Typ.	1.8 V	Typ.	1.5 V
Half Intensity Angle	60 deg.			
Junction Temperature	125 °C			
Thermal Resistance / Rth(j-s)	Typ.	5.0 K/W		
Operating Temperature	-40°C~125°C			

M□N1106MS



	MGN1106MS		MFN1106MS	
Size(mm)	3.8 × 3.8 × 2.1		3.8 × 3.8 × 2.1	
Radiant Intensity	Typ.	280 mW/sr	Typ.	230 mW/sr
	IF	1,000 mA	IF	1,000 mA
Peak Wavelength	855 nm		945 nm	
Forward Voltage	Typ.	1.8 V	Typ.	1.5 V
Half Intensity Angle	120 deg.			
Junction Temperature	125 °C			
Thermal Resistance / Rth(j-s)	Typ.	5.0 K/W		
Operating Temperature	-40°C~125°C			

Product Information Updates

The latest information regarding our products is available on the Stanley Electric website. Please visit our website for further information.

Website <http://www.stanley-components.com/en/>

- The performance and specifications presented in this catalog may be revised without prior notice to reflect advancements in technological development.
- The contents of this catalog are current as of December 2018.

All vehicle pictures in this brochure are examples of adoption, and may be different from what is actually used.