

Flip-Chips • Planar Package 倒装芯片 • 平面封装 Linear LEDs for Automotives 车用线性光源

Main Applications:
主要应用领域:

- ✓ high power head lighting for aftermarket of cars, motorcycles and trucks
高功率前照头灯照明，适用于汽车摩托车卡车等后装市场

1860 Series

Main Features

- Low Power Integrated Lighting Source;
- Planar Package Using AlN Ceramic Substrate for Low Heat Resistance;
- Flip Chips with No Gold Wires for High Integration & Good Reliability;
- Other Power, LES, Color Combination, CCT and Ra Available on Request;
- Applicable to Automobile Headlights.

G5W (With white wall)

Code	Dimension (mm)		Chip Size (mil)		Series	Parallel	Current (mA)	Power (W)	Max Power (W)
S256	1.8	6	55	55	03	01	1025	9.23	14.9
S466	3	5.5	55	55	03	01	1025	9.23	14.9
S323	3	5.5	60	60	03	01	1200	10.8	17.7
S348	3.5	7	43	43	03	02	1250	11.3	18.2
S1249	3.5	7	43	43	04	02	1250	15	24.2
S405	3.5	7	55	55	03	01	1025	9.23	14.9
S299	3.5	7	55	55	03	02	2025	18.2	29.7
S1248	3.5	7	55	55	04	02	2000	24	39.6
S434	3.5	7	60	60	03	01	1200	10.8	17.7
S1132	3.5	7	60	75	03	01	1500	13.5	22.1
S812	3.5	7	75	72	03	01	1800	16.2	26.5
S703	3.5	7	75	72	03	01	1825	16.4	26.5
S1164	3.5	7	60	75	03	01	1500	13.5	22.1
S1233	3.5	7	55	55	03	02	2025	18.2	29.7
S1233x	3.5	7	55	55	03	02	2025	18.2	29.7
S1137	3.8	7	60	75	03	02	3025	27.2	44.2
S1137x	3.8	7	60	75	03	02	3025	27.2	44.2
S1139	3.8	7	60	75	03	02	3025	27.2	44.2
S1068	3.8	7	60	60	03	02	2325	20.9	35.4
S1124	4	6	60	75	03	01	1500	13.5	22.1
S1180	4	6	60	75	03	01	1500	13.5	21.5
S1056	4.5	7.5	75	72	03	02	3525	31.7	53.0
S551	7	7	60	60	03	02	2575	23.2	35.4

【 Data in table, photos & diagrams for reference only】

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G5J (Without white wall)

Code	Dimension (mm)		Chip Size (mil)		Series	Parallel	Current (mA)	Power (W)	Max Power (W)
S577	1.8	6	43	43	03	01	650	5.9	9.1
S965	1.8	6	43	43	04	01	675	8.1	12.1
S424	3.5	7	43	43	03	02	1200	10.8	17.7
S263	3.5	7	43	43	03	02	1250	11.3	18.2

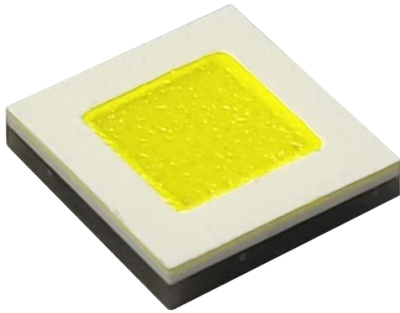
G5W (Bicolor with white wall)

Code	Dimension (mm)		Chip Size (mil)		Series	Parallel	Current (mA)	Power (W)	Max Power (W)
S388	3.5	7	55	55	03	02	2000	18	29.0
S400	3.5	7	55	55	03	02	2000	18	29.0
S1138	3.8	7	60	75	03	02	3025	27.2	43.1
S1218	3.8	7	60	75	03	02	3025	27.2	43.1
S757	3.8	7	60	60	03	02	2350	21.2	34.5
S717	3.8	7	60	60	03	02	2350	21.2	34.5
S1055	4.5	7.5	75	72	03	02	3525	31.7	51.7
S1060	4.5	7.5	75	72	03	02	3525	31.7	51.7

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S1380

Single chip with 9V forward voltage

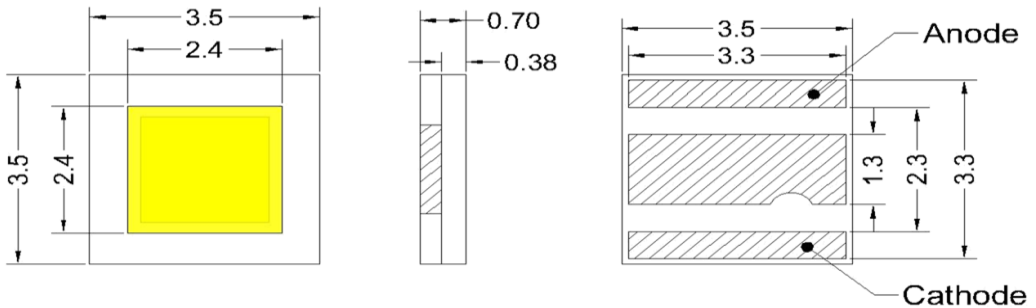


Main Parameters	Typical Values
Voltage (V)	9
Current (mA)	900
Max. Power (W) ^{Note}	10.5
LES (mm)	2.4x2.4
CCT (K) / Ra	6000-7000
Color / Dominant Wavelength (nm)	N/A
Matched Cu Board	H001-2020

Note: The maximum power only for reference and related to the heat dissipation power of the radiator, the thermal resistance between the radiator and the light source and the ambient temperature.

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