

Flip-Chips • Planar Package 倒装芯片 • 平面封装 Multi-Color LEDs • High Power 多色光源 • 高功率

Main Applications:
主要应用领域:

- ✓ long-distance searching and spot lighting for stage, studio, photography, landmarks, architectural, facade illumination, military and police search lights etc.
长距离探照与聚光照明, 适用于舞台, 演艺, 摄影, 影视, 地标, 建筑, 景观, 军警探照等
- ✓ directional projection and beam lighting with small angle for projection, light beam, dyeing, pattern, audience, business, hotel, museum, etc.
小角度方向性投射类照明, 适用于投射, 光束, 染色, 图案, 观众, 商业, 酒店, 博物馆等
- ✓ intelligent color-mixing lighting
智能混色照明
- ✓ over broader CCT range with higher Ra for lighting of high-end business, stage, studio, photography etc.
宽色温范围高显指照明, 适用于高端商业、舞台、影视、摄影等
- ✓ medical and micro-instrument lighting
医疗与显微器械照明

S837

Special Photography and Studio Lighting 特种影视摄影照明



Main Parameters	Typical Values
Voltage (V)	PC-R 42 G 42 B 42 CW 42
Current (mA)	PC-R 775 G 775 B 775 CW 775
Max. Power (W) ^{Note}	169 in total
LES (mm)	19.3
CCT (K) / Ra	CW 6000-7000
Color / Dominant Wavelength (nm)	PC-R / 620-625 B / 450-460 G / 520-530
Matched Cu Board	H021-4056

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.

Main Features

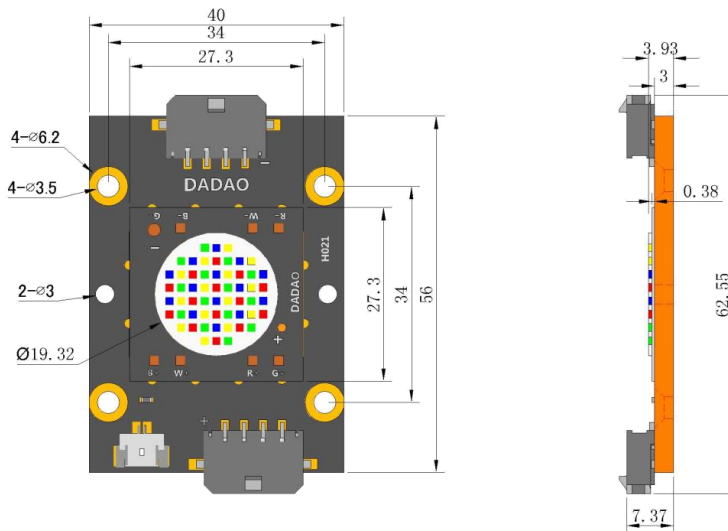
Middle Power Four Color Integrated Lighting Source;

Mosaic Layout for Excellent Color Uniformity;

Flip Chips with No Gold Wires for High Integration & Good Reliability;

Customizing Other Power, LES, Color Combination, CCT and Ra;

Applicable to Directional Intelligent Lighting with Wide Color Variation at High Ra.



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

S794

Special Photography and Studio Lighting 特种影视摄影照明



Main Parameters	Typical Values
Voltage (V)	PC-R 42 G 42 B 42 PC-A 42
Current (mA)	PC-R 750 G 750 B 750 PC-A 750
Max. Power (W) ^{Note}	165 in total
LES (mm)	18
CCT (K) / Ra	PC-A 1600-1800
Color / Dominant Wavelength (nm)	PC-R / 620-625 B / 450-460 G / 520-530
Matched Cu Board	H021-4056

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Main Features

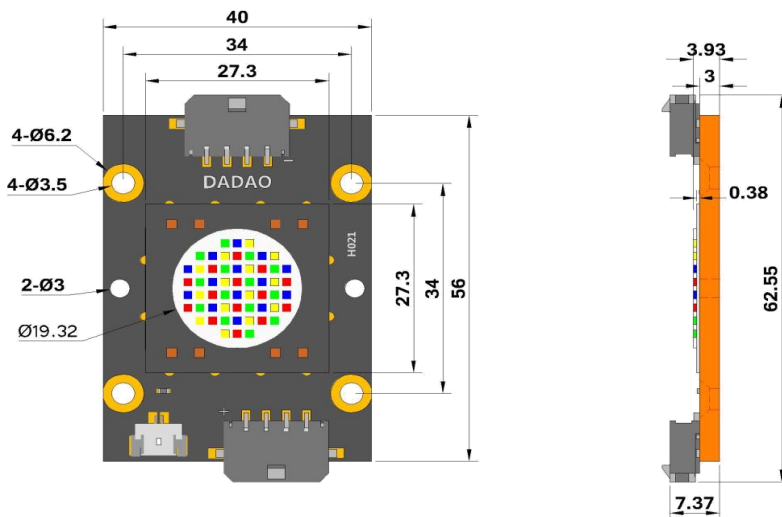
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S796

Special Photography and Studio Lighting 特种影视摄影照明



Main Parameters	Typical Values
Voltage (V)	PC-R 42 G 42 B 42 CW 42
Current (mA)	PC-R 1550 G 1550 B 1550 CW 1550
Max. Power (W) ^{Note}	339 in total
LES (mm)	23.4
CCT (K) / Ra	CW 6000-7000
Color / Dominant Wavelength (nm)	PC-R / 620-625 B / 450-460 G / 520-530
Matched Cu Board	H021-4056

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.

Main Features

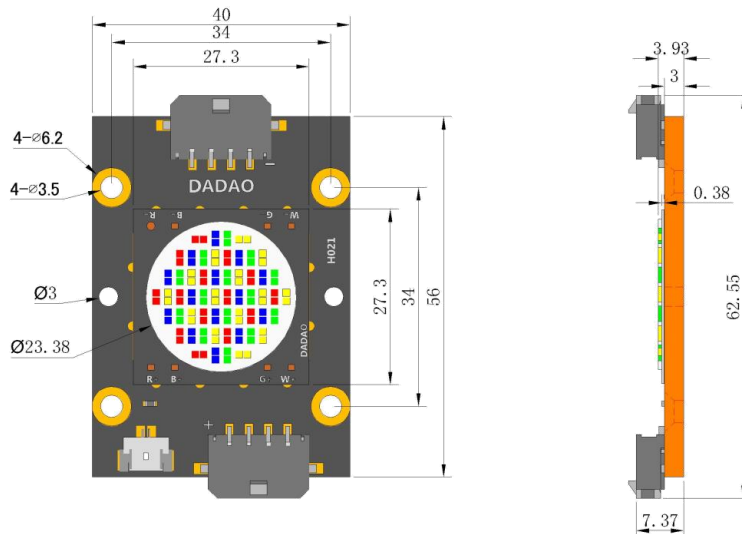
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S795

Special Photography and Studio Lighting 特种影视摄影照明



Main Parameters	Typical Values
Voltage (V)	PC-R 42 G 42 B 42 PC-A 42
Current (mA)	PC-R 1500 G 1500 B 1500 PC-A 1500
Max. Power (W) ^{Note}	330 in total
LES (mm)	22
CCT (K) / Ra	PC-A 1600-1800
Color / Dominant Wavelength (nm)	PC-R / 620-625 B / 450-460 G / 520-530
Matched Cu Board	H021-4056

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.

Main Features

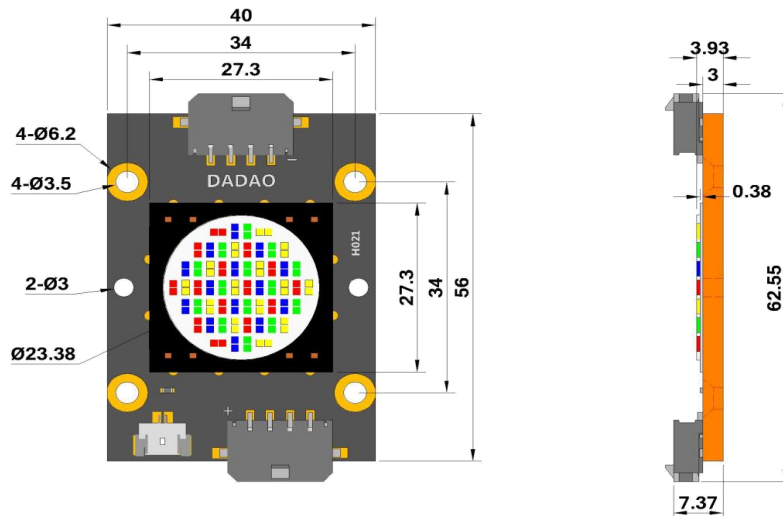
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