

南昌易美光电SMD照明产品资料

LED Lighting products catalogue

2023-05-15

南昌易美光电科技有限公司

应用 Application 功率 Power						
	灯管 Tube Light	球泡 Bulb	面板灯 Panel Light	射灯 Spot Light	PAR 灯 PAR Light	筒灯 Downlight
0.2W	 2835 HE					
0.5W		 2835 5630	 4014&4010	 2835	 2835	 2835
1W		 2835 HV	 2835	 3030	 1313	 2835 HV
1—9W				 5050	 5050	

Application 应用 Power 功率	户外照明应用 Outdoor application			UV A		植物照明 Horticulture
	 工矿灯 High Bay	 投光灯 Flood Light	 路灯 Street Lamp	 美甲灯 Nail Lamp	 光触媒 Photocatalyst	 植物灯 Horticulture light
<1W	 2835			 5054	 2835	 2835
1W		 3030	 3030	 5054	 5054	 3030
1—5W	 5050	 5050	 5050			 3535
5—20W	 7070	 1F1F				

应用 Application 功率 Power	全光谱LED教育照明应用 Full Spectrum Education lighting			节律照明 Human-centric lighting	智能照明应用 Smart lighting application		
	 黑板灯 Blackboard light	 教室灯 Classroom lights	 台灯 Desk lamp	 助眠灯 Sleep light	 氛围灯 Atmosphere light	 灯带 Light belt	 调光灯 Dimming light
0.2W	 2835	 4014	 4014		 2835RGB	 2835RGB	
0.5W	 4014	 2835	 2835		 5050RGB	 2835	
1W		 2835/3030		 2835	 Color LED	 2835	 3030
2—10W						 3030	 7070

目录/CONTENTS

01

通用照明

P06

02

特种照明

P16

03

健康照明

P28

03

智能照明

P39

01

PART ONE

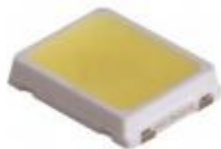
通用照明

General application Lighting

- 高光效、高显、全电压、多规格

0.2W 2835产品规格

—0.2W 2835 Product Specifications



Size : 2.8 x 3.5 mm

Thickness : 0.65 mm

产品优势 Advantages & Benefits

- 薄型封装、垂直散热、高可靠性
Thin package, vertical heat dissipation, high reliability
- 高光效 High efficacy

产品应用 Applications

- 日光灯管 Tube
- 筒灯 Downlight
- 侧入式面板灯 Edge lit panel

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Min.	Max.	Typ.
2835A03-XXH02-1S-D4	2.8	2.9	3.0	60	150	3000	80	28	30	165
						5000		30	32	180
2835A03-XXH02-2P-D11	2.7	2.75	2.8	60	300	3000	80	30	32	185
						5000		32	34	200
2835A03-XXH02-2P-D14	2.7	2.72	2.75	60	300	3000	80	32	34	200
						5000		34	36	215
2835A03-XXH02-2P-D22	2.7	2.72	2.75	60	300	3000	80	33	34	205
						5000		35	37	222
2835B03-XXH02-2P-D231	2.68	2.7	2.72	65	300	3000	80	37	39	218
						5000		39	41	230

0.5W 2835产品规格

——0.5W 2835 Product Specifications



Size : 2.8 x 3.5 mm
Thickness : 0.65mm

产品优势 Advantages & Benefits

- 高光效 High efficacy
- 高可靠性、通用性强 High reliability, high universality
- 高性价比 Cost effective

产品应用 Applications

- 日光灯管 Tube
- 筒灯 Downlight
- 侧入式面板灯 Edge lit panel

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]		Luminous Efficacy [lm/W]	
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Min.	Max.	Typ.@65mA	Typ.@150mA
2835A03-XXH05-2P- F6	2.8	2.9	3.0	150	180	3000	80	60	65	--	145
						5000		65	70	--	155
2835A03-XXH05-1S- F8	3	3.2	3.3	150	180	3000	80	65	70	--	140
						5000		70	75	--	150
2835A03-XXH05-2P-F16	2.8	2.85	2.9	150	300	3000	80	68	73	--	165
						5000		72	77	--	175
2835A03-XXH05-2P-F17	2.8	2.85	2.9	150	300	3000	80	70	75	--	170
						5000		75	80	--	185
2835A03-XXH05-2P-F18	2.8	2.85	2.9	150	300	3000	80	75	80	--	180
						5000		80	85	--	195
2835A03-XXH05-2P-F24	2.8	2.82	2.85	150	300	3000	80	80	85	--	195
						5000		85	90	--	205

1W 圆杯2835产品规格

1W Circular LES 2835 Product Specifications



Size : 2.8 x 3.5 mm
Thickness : 0.63mm

产品优势 Advantages & Benefits

- 双晶方案高亮度；多晶方案低电压、高光效；
Dual chip with high lm output; multi-chips with low voltage & high efficacy;
- $\Phi 2.44$ 出光效果好，易于匹配透镜 $\Phi 2.44$ with excellent light, easy to match lenses;
- 具有高压方案和方杯产品 High voltage and square phosphor solutions for choice;

产品应用 Applications

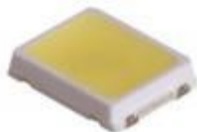
- 直下式面板灯 Direct lit panel
- 吸顶灯 Ceiling light
- 户外灯具 Outdoor lighting

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Min.	Max.	Typ.
2835A06-XXH10-2S-CT8	6.0	6.2	6.4	150	150	3000	80	145	155	160
						5000		155	165	172
2835A06-XXH10-2S2P-CT10	5.6	5.8	6.0	150	150	3000	80	135	145	160
						5000		145	155	172
2835A06-XXH10-2S2P-CT11	5.6	5.7	5.8	150	150	3000	80	145	155	175
						5000		155	165	187

3V/9V/18V/36V type are provided.

1W 2835产品规格

1W 2835 Product Specifications



Size : 2.8 x 3.5 mm
Thickness : 0.65-0.7 mm

产品优势 Advantages & Benefits

- 高亮、高光效 High lumen output, high efficacy;
- 使用红铜支架、可靠性好 Apply pure copper substrate, high reliability;
- 应用范围广 - wide range of application

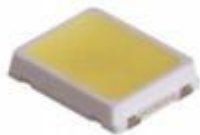
产品应用 Applications

- 球泡灯 Bulb
- 筒灯 Tube
- 吸顶灯 Ceiling light
- 户外灯具 Outdoor lighting

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Min.	Max.	Typ.
2835A09-XXH10-3S-H11	8.8	9.1	9.4	100	120	3000	80	135	145	155
						5000		145	155	165
2835A09-XXH10-3S-H10	8.7	9.0	9.3	100	120	3000	80	140	150	160
						5000		150	160	172
2835A09-XXH10-3S-H19	8.4	8.7	9	100	120	3000	80	145	155	170
						5000		155	165	183
2835A09-XXH10-3S-H20	8.4	8.6	8.8	100	120	3000	80	150	160	183
						5000		160	170	192
2835A09-XXH10-3S-H30	8.4	8.6	8.8	100	120	3000	80	155	165	186
						5000		165	175	198

高压2835产品规格

—— High Voltage 2835 Product Specifications



Size : 2.8 x 3.5 mm
Thickness : 0.65 mm

产品优势 Advantages & Benefits

- 12V、 18V、 36V、 54V、 72V宽范围高压，电源转换效率高
12V、 18V、 36V、 54V、 72V wide range voltage;
High power conversion efficiency;
- 每个电压产品都具有阶梯亮度型号 Each voltage owns a stepwise brightness P/N;
- 有白光和多种单色光高压产品 High voltage of white and single color for choice;

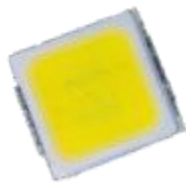
产品应用 Applications

- 线性模组 Linear modules
- 吸顶灯 Ceiling light
- 筒灯 Tube

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Min.	Max.	Typ.
2835A18-XXH10-2P-E5	17	18.5	20	60	60	3000	80	155	165	145
						5000		165	175	155
2835A36-XXH10-2S-W5	35	37	39	30	35	3000	80	155	165	145
						5000		165	175	155
2835A54-XXH10-3S-X3	52	54	56	20	25	3000	80	165	175	157
						5000		175	185	167
2835A72-XXH10-3S-Y3	70	72	74	15	20	3000	80	155	165	145
						5000		165	175	155

1W 3030 产品规格

1W 3030 Product Specifications



Size : 3.0 x 3.2 mm
Thickness : 0.65 mm

产品优势 Advantages & Benefits

- 3030PCT红铜支架、散热好、高可靠性
3030 PCT pure copper substrate, excellent heat dissipation, high reliability;
- 有方杯、圆杯两种产品外观, $\phi 2.5$ 圆杯可用于直下式灯具
Circular and square phosphor for choise, $\phi 2.5$ round phosphor suitable for direct-lit lightings;
- 有大小焊盘和对称焊盘两种结构
Two pad structures: big + small pads and symmetric pads;

产品应用 Applications

- 高棚灯 High ceiling light
- 路灯 Street light
- 投光灯 Flood light
- 室内灯具 Indoor lightings

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]			Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Min.	Typ.	Max.	Typ.@XXmA
3030B03-XXH02-2P-D220-LX	2.7	2.71	2.73	65	300	5000	80	38	39	40	222lm/W
3030A06-50H10-2S-T3	6.2	6.4	6.6	150	180			140	145	150	150lm/W
3030A06-50H10-2S-T6	6.0	6.2	6.4					145	150	155	160lm/W
3030A06-50H10-2S-T4	6.0	6.2	6.4					150	155	160	166lm/W
3030A06-50H10-2S-T5	5.8	6.0	6.2					155	160	165	178lm/W

0.2W 4014 产品规格

——0.2W 4014 Product Specifications



Size : 4.0 x 1.4 mm
Thickness : 0.65 mm

产品优势 Advantages & Benefits

- 高光效、高可靠性、防硫化 High efficacy, high reliability, anti-sulphur;
- 拥有4014、4012、4010三种产品尺寸，可减薄导光板厚度
4014、4012、4010 multiple sizes, to reduce thickness of light guide plate
- 有3V、6V电压，均可驱动到0.5W功率
3V、6V multiple voltages, can drive up to 0.5W;

产品应用 Applications

- 管灯 Tube
- 显示背光源 Back light unit
- 侧入式面板灯 Edge lit panel

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.			Min.	Max.	
4014A03-XXH02-1S-L4	2.8	2.9	3.0	60	150	3000	80	28	30	165
						5000		30	32	180
4014A03-XXH02-1S-L5	2.8	2.85	2.9	60	150	3000	80	30	32	180
						5000		32	34	193
4014A03-XXH02-1S-L7	2.75	2.8	2.85	60	300	3000	80	31	33	190
						5000		33	35	202

0.5W 5630 产品规格

——0.5W 5630 Product Specifications



Size : 5.6 x 3.0 mm
Thickness : 0.77 mm

Advantages & Benefits

- 高光效 High efficacy
- 散热优良、高可靠性 Excellent heat dissipation, high reliability

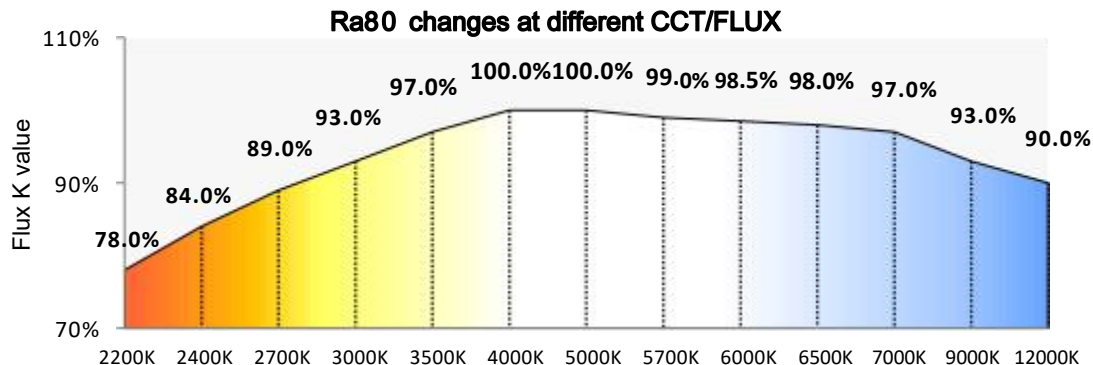
Applications

- 管灯 Tube
- 筒灯 Down light
- 球泡灯 Bulb
- 吸顶灯 Ceiling light

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]		Luminous Efficacy [lm/W]	
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Min.	Typ.	Typ.@65mA	Typ.@150mA
SOW5630-XX-H-G	2.8	3.1	3.2	150	180	3000	80	--	63	--	135
						5000		--	67	--	144
SOZ5630-XX-H-A1	2.6	3.1	3.3	150	200	3000	80	62	68	178	146
						5000		66	72	189	155
SOZ5630-XX-H-H1	2.6	2.8	3.0	65	200	3000	80	33	34	189	--
						5000		35	36	200	--

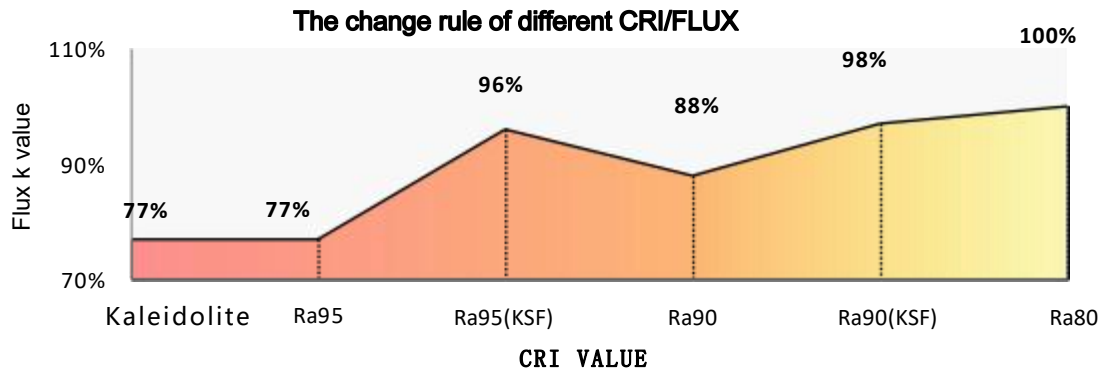
Ra80 changes at different CCT/FLUX

CCT	FLUX K VALUE
2200K	78.0%
2400K	84.0%
2700K	89.0%
3000K	93.0%
3500K	97.0%
4000K	100.0%
5000K	100.0%
5700K	99.0%
6000K	98.5%
6500K	98.0%
7000K	97.0%
9000K	93.0%
12000K	90.0%



The change rule of different CRI/FLUX

CCT	FLUX K VALUE
Ra98 Kaleidolite series (Ra > 95)	77%
Ra95	77%
Ra95(KSF)	96%
Ra90	88%
Ra90(KSF)	98%
Ra80	100%
Ra70	106%



PART TWO

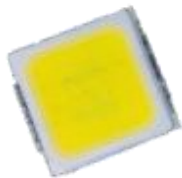
特种照明

specialty lighting

- 户外照明 Outdoor light
- UVA
- 植物照明 Horticulture Lighting
- 生鲜灯 Fresh lighting

户外照明 EMC3030

Outdoor light EMC3030



Size : 3.2mm*3.0mm

Thickness : 0.6mm

产品优势 Advantages & Benefits

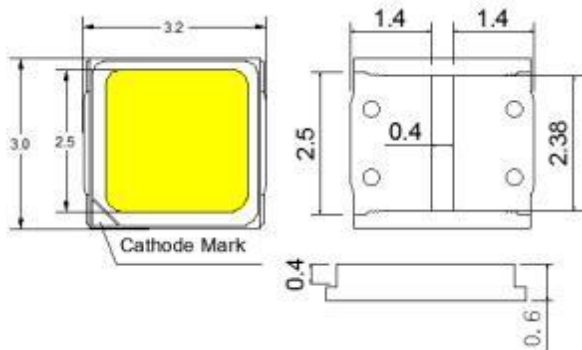
- EMC支架、高光效、高可靠性 EMC support, High efficacy, high reliability;
- 最高亮方案可替代1W EMC5050产品, 高性价比
The one with highest lm output can replace 1W EMC5050 with high cost efficacy;
- 有方杯、圆杯方案可选, 有大小焊盘和对称焊盘结构可选
Circular and square phosphor for choose;
Two pad structures: big + small pads and symmetric pads;

产品应用 Applications

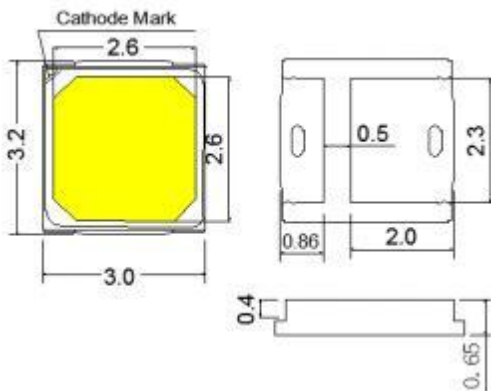
- 工矿灯 Hay bay light
- 洗墙灯 Wall washer light
- 路灯 Street light
- 高棚灯 High ceiling light

P/N	P(W)	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]				Luminous Efficacy [lm/W]
		Min.	Typ.	Max.	Typ.	Max.			Min.	Min.	Typ.	Max.	Typ.@XXmA
3030A06-50H10-2S-C3	1	6.2	6.4	6.6	150	180	5000	80		135	140	145	145lm/W
3030A06-50H10-2S-C6	1	6.0	6.2	6.4						140	145	150	155lm/W
3030A06-50H10-2S-C4	1	6.0	6.2	6.4						145	150	155	160lm/W
3030A06-50H10-2S-C5	0.9	5.8	6.0	6.2						150	155	160	175lm/W
3030A06-50H10-2S2P-T8	0.85	5.5	5.6	5.7	150	300	5000	80		155	160	165	190lm/W
3030A06-50N10-2S2P-T9	0.85	5.5	5.6	5.7				70		165	170	175	202lm/W
3030A06-50N10-2S2P-T10	0.85	5.4	5.5	5.6				70		170	175	180	210lm/W

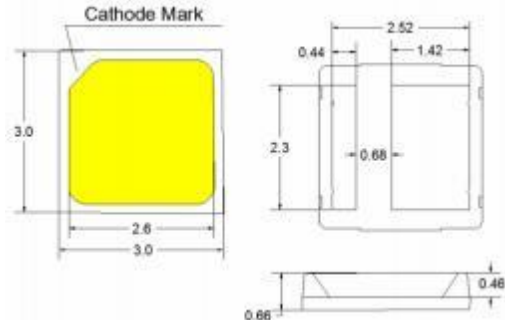
落料式方杯对称焊盘



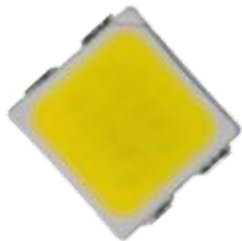
落料式方杯大小焊盘



切割式方杯大小焊盘



户外照明 EMC 5050 ——Outdoor light EMC5050



Size : 5.8mm*5.2mm

Thickness : 0.7mm

产品优势 Advantages & Benefits

- EMC支架、散热优良、高可靠性 EMC substrate, excellent heat dissipation, high reliability;
- 纯金线键合, -45℃~125℃ TS 500cycles PASS;
Gold wire collection, -45℃~125℃ TS 500cycles Passed;
- 1~3W高光效; 4~5W大功率高亮度; 1~3W high efficacy, 4-5W power with high output;

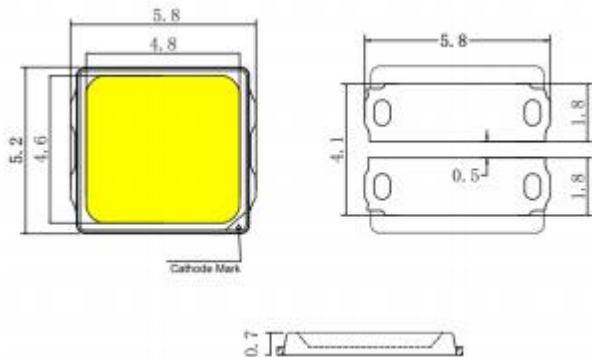
产品应用 Applications

- 工矿灯 high bay light
- 路灯 Street light

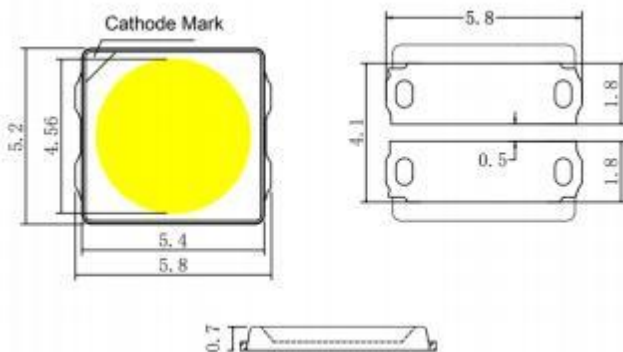
P/N	P(W)	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]			Luminous Efficacy [lm/W]
		Min.	Typ.	Max.	Typ.	Max.			Typ.	Min.	Typ.	Max.
5050A06-XXN75-U2S5P-V1	4.7	6.1	6.2	6.4	750	1000	5000	70	840	860	880	185lm/W
5050A06-XXN75-U2S5P-V2	4.7	6.1	6.2	6.4	750	1000	5000	70	820	845	860	182lm/W
5050A06-XXN750-U2S6P-V3	4.7	6.1	6.2	6.4	750	1000	5000	70	780	805	820	170lm/W
5050A09-XXN500-U3S4P-V11	4.6	9.0	9.2	9.4	500	600	5000	70	760	780	800	170lm/W
5050A09-XXN500-U3S4P-V12	4.5	8.8	9.0	9.2	500	700	5000	70	790	810	830	180lm/W
5050A09-XXN500-U3S4P-V13	4.5	8.8	9.0	9.2	500	700	5000	70	820	840	860	186lm/W
5050A24-XXN165-U8S1P-V21	4.1	23	24	25	165	200	5000	70	680	700	720	172lm/W
5050A24-XXN045-U8S1P-V21	1	21.5	22	22.5	45	200	5000	70	215	220	225	222lm/W
5050A36-XXN125-U2S5P-V31	4.6	36	36.5	37.5	125	150	5000	70	730	750	770	165lm/W
5050A36-XXN125-U2S5P-V32	4.5	35	36	37	125	150	5000	70	770	790	810	176lm/W

Outdoor Lighting EMC5050——Product shape size(Unit:mm)

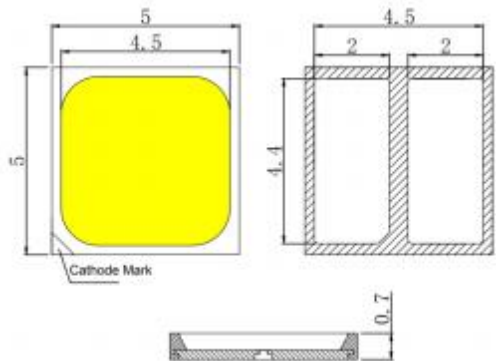
Blanking type square cup symmetrical pad



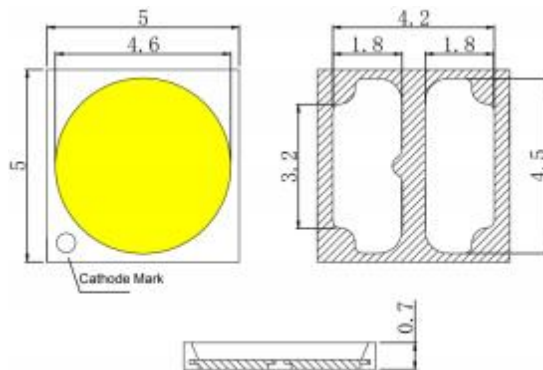
Blanking round cup symmetrical pad



Cut square cup symmetrical pad



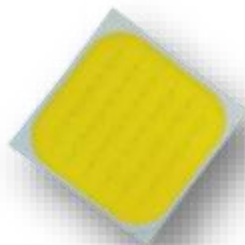
Cut round cup symmetrical pad



户外照明 EMC 7070

——Outdoor light EMC7070

EMC7070



Size : 7.0mm*7.0mm

Thickness : 0.8mm

产品优势 Advantages & Benefits

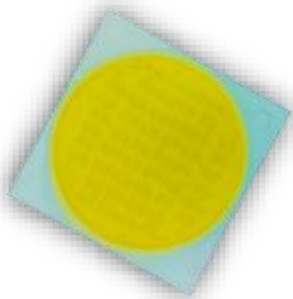
- 高光效、低热阻 High luminous efficiency、Low thermal resistance
- 抗硫化性能优 Sulphur Proof
- 符合能源之星标准 Energy star binning system

产品应用 Applications

- 路灯 Streetlight
- 工矿灯 High bay light
- 户外照明 Outdoor light

P/N	P(W)	CCT[k]	Rated current[ma]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ
7070A12-XXN500-U4S6P-XX	8.4	5700	700	1200	11	11.9	13	70	71	1400	1540	1600	185lm/W
7070A36-XXN233-U12S2P-XX	8.2	5700	233	400	34	35.3	36			1400	1550	1600	189lm/W

EMC1F1F



Size : 10.0mm*10.0mm

Thickness : 0.8mm

户外照明 EMC 1F1F
——Outdoor light EMC1 F1 F

产品优势 Advantages & Benefits

- 高光效、低热阻 High luminous efficiency、Low thermal resistance
- 抗硫化性能优 Sulphur Proof
- 符合能源之星标准 Energy star binning system

产品应用 Applications

- 筒灯 Downlight
- 投光灯 Flood Light
- 户外照明 Outdoor light

P/N	P(W)	CCT[k]	Rated current[mA]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ
1F1FA36-57N540-U12S4P-XX	20	5700	540	600	34	36	38	70	71	3400	3580	3700	183.5lm/W

1W 5054 UV A产品规格

1W 5054 UVA Product Specifications



Size : 5.0 x 5.4 mm
Thickness : 3.1 mm

产品优势 Advantages & Benefits

- 高功率、快速固化效率 High power, fast curing efficiency
- UV光源365-395nm双波长 UV light, 365-395nm dual wavelength.
- 小角度，高功率 Small view angle, high power

产品应用 Applications

- 美甲灯 Nail lamp
- 固化灯 Curing light
- 验钞机 Money detector
- 灭蚊灯 Mosquito lamp
- 杀菌灯 The sterilization lamp
- 缝纫机灯 Sewing machine lamp



P/N	Rated voltage[V]			Rated current[mA]		Peak wavelength[nm]	Radiant Flux[mW]		Viewing Angle[2θ/2]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Max.	Typ.
5054U07-10C65L12-A3S-016	6.6	7.0	7.2	100	110	365-370	250	400	120
						395-400			
5054U03-10C65L12-A3P-016	3.2	3.6	3.8	200	220	365-370	250	400	120
						395-400			
5054U03-10C95L12-P3P-008	3.2	3.6	3.8	300	300	395-400	450	600	120

0.5W 2835 UV A产品规格

——0.5W 2835 UVA Product Specifications



Size : 2.8 x 3.5 mm
Thickness :1.65 mm

产品优势 Advantages & Benefits

- 高功率、快速固化效率 High power, fast curing efficiency
- UV光源365-395nm双波长 UV light, 365-395nm dual wavelength.
- 小角度，高功率 Small view angle, high power

产品应用 Applications

- 美甲灯 Nail lamp
- 固化灯 Curing light
- 验钞机 money detector
- 灭蚊灯 Mosquito lamp
- 杀菌灯 The sterilization lamp
- 缝纫机灯 Sewing machine lamp

P/N	Rated voltage[V]			Rated current[mA]		Peak wavelength[nm]	Radiant Flux[mW]		Viewing Angle[2θ1/2]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Max.	Typ.
2835U03-05C65D12-P3-009	3.6	3.8	4.0	150	150	365-370	90	150	120
2835U03-05C65L12-P3Z-009	3.6	3.8	4.0	150	150	365-370	150	200	120
2835U03-05C95D12-P3-008	3.2	3.4	3.8	150	150	395-400	160	210	120
2835U03-05C95L12-P3-008	3.2	3.4	3.8	150	150	395-400	250	300	120

植物照明 —— Horticulture Lighting Series



Size : 3.0 x 3.0 mm
Thickness : 0.6mm

产品优势 Advantages & Benefits

- 定制光谱 Customization Spectrum
- 高光子通量效率 High Photon Flux Efficiency
- 高可靠性 High reliability

产品应用 Applications

- 灯管 Tube Light
- 高棚灯 High Bay
- Par灯 Par Light
- 筒灯 Down Light

P/N	Rated voltage(V)			Rated current(mA)		Photon Flux Efficiency (μmol/J)	Applications	Radiation power ratio
	Min.	Typ.	Max.	Typ.	Max.			
STH3030-PL-OWOX-A	8.4	8.6	8.8	100	120	>2.3	Leaf Vegetables	(380-500):(500-690):(690-780)=1:4:1
STH3030-PL-NUOA-A	8.4	8.6	8.8	100	120	>2.3	Fruit	(380-500):(500-780)=1:8
STH3030-PL-EI-2	8.4	8.6	8.8	50	120	>2.2	Cash crop	Sun-like spectrum including violet
SOH3030-PL-AS	2.7	2.9	3.1	300	360	>2.1	Cash crop	(380-500):(500-600):(600-780)=20:8:72

植物照明

—— Horticulture Lighting Series



Size : 3.5 x3.5 mm
Thickness : 0.2mm

产品优势 Advantages & Benefits

- 高光子通量效率 High Photon Flux Efficiency
- 高可靠性 High reliability

产品应用 Applications

- 灯管 Tube Light
- 高棚灯 High Bay
- Par灯 Par Light
- 筒灯 Down Light

P/N	Rated voltage(V)			Rated current(mA)		Peak Wavelength(nm)	Photon Flux Efficiency (μmol/J)
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Typ.@300mA
SOH3030-PL-P400-EA	3.2	3.4	3.6	300	600	395	1.1
SOH3030-PL-R660-EA	1.9	2.1	2.3	300	600	660	2.4
MOH3535-PL-R660-A	1.9	2.1	2.3	300	600	660	2.8
MOH3535-PL-R730-A	1.9	2.1	2.3	300	600	730	2.4

生鲜照明

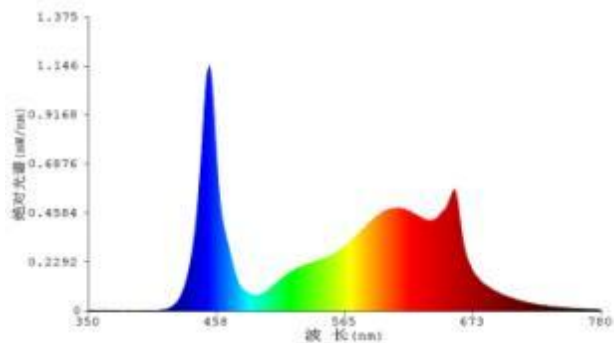
Fresh produce lighting

产品优势 Advantages & Benefits

- 专为生鲜食品设计 Design for fresh food lighting
- 展示肉类和水果的新鲜度 Display the freshness of meat and fruit
- 提升新鲜产品对顾客的吸引力 Improve the appeal of fresh food to customers

产品应用 Applications

- 肉类和水果照明 Market meat, fruit lighting
- 超市生鲜区照明 Supermarket fresh area lighting



P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	R9	Luminous flux[lm]		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Min.	Typ.	Typ.
2835B Series	2.8	2.9	3.1	65	150	---	---	10	12	65
2835K Series	2.8	2.9	3.1	65	150	---	---	16	18	96
2835E Series	3.1	3.2	3.4	150	180	---	---	46	49	102
2835R Series	3.1	3.2	3.4	150	180	---	---	46	49	102
BR02FR Series	18	19	20	10	15	3300	70	23	24.5	130

PART THREE

健康照明

Healthy lighting

- 全光谱、教育照明
Full Spectrum Education lighting
- 节律照明
Human-centric lighting



High comfort and
reasonable
illumination
uniformity low
frequency
without glare



To be close to
solar high color
rendering
authenticity
saturation high
fidelity



Security
biosafety low
high-energy light
blue light



Health in
accordance
with circadian
rhythm



Quantitative evaluation of the proportion of harmful blue light

- 有害蓝光占比 B_r : 测试光源的有害蓝光(415-455nm)占总蓝光(400-500nm)的光功率比值
- 结合IEC/EN 62471标准、TÜV Rheinland方法及Kirk Smick研究工作指导光源光谱设计
- $$B_r = \frac{\sigma_{\lambda=415}^{455} Y_T \lambda * B \lambda * \Delta \lambda}{\sigma_{\lambda=400}^{500} Y_T \lambda * \Delta \lambda} * 100\%$$

* $Y_T \lambda$ 是测试光源的光功率加权函数
* $B \lambda$ 有害蓝光光功率加权函数
* $\Delta \lambda$ 是波长选取范围

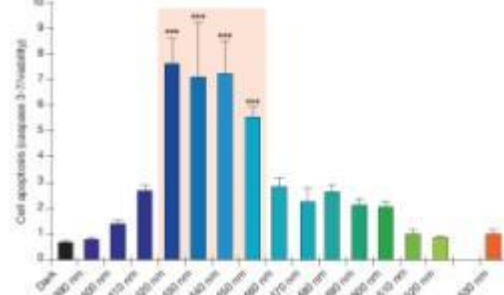
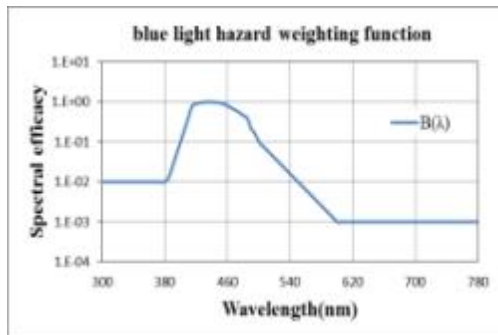
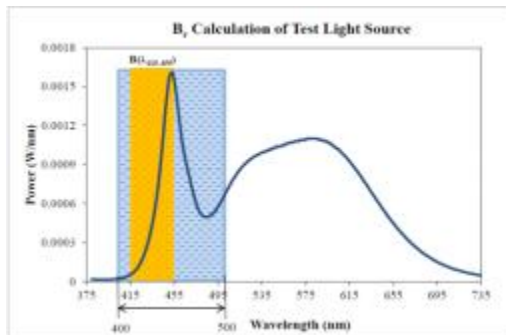


FIGURE 10. Phototoxic action (apoptosis) spectrum on AZE-loaded RPE cells and morphological changes of the RPE cells.
*** $P < 0.001$ as compared to control cells maintained in the dark.

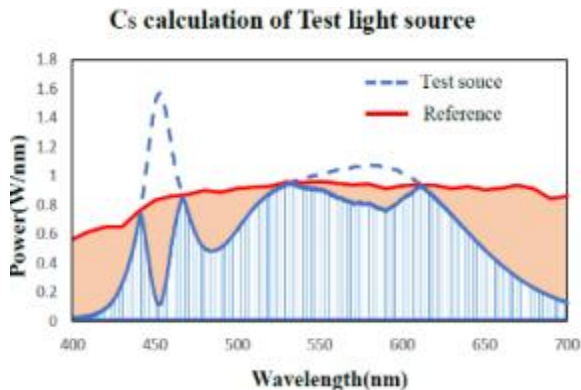
- Smick K, et al. "Blue light hazard: New knowledge, new approaches to maintaining ocular health" [J]. Report of a roundtable, 2013.
- IEC/EN 62471, Photobiological Safety of Lamps and Lamp Systems
- Tang W, Liu J G, Shen C. Blue light hazard optimization for high quality white LEDs[J]. IEEE Photonics Journal, 2018, 10(5): 1-10.

Quantitative evaluation of spectral continuity

- Spectral continuity C_s : The ratio of the coincidence area (shaded blue) between the test light source and the standard light source to the standard area
- The color quality of the light source was quantitatively measured by the continuous standard light source at different color temperatures

$$C_s = \frac{\int_{\lambda=400}^{\lambda=700} YR(\lambda) * \Delta\lambda}{\int_{\lambda=400}^{\lambda=700} YR(\lambda) * \Delta\lambda} \times 100\%$$

- The difference of optical power distribution between the test light source and the standard light source is reflected in the wavelength range of visible light 400-700nm



- C_s is spectral continuity, expressed as a percentage
- YR input and YR input are the light power weighting functions of test and standard light sources, respectively
- $\Delta\lambda$ wavelength selection range
- Standard light source continuity is 100%
- The larger the value, the better the spectral continuity
- All spectral calculations are based on luminance normalization

1. Liu J G, Tang W, Shen C, et al. Advances in higher color quality and healthier white LEDs[C]//2017 14th China International Forum on Solid State Lighting: International Forum on Wide Bandgap Semiconductors China (SSLChina: IFWS). IEEE, 2017: 13- 16.

- 技术发源于2016年科技部国家重点研发计划项目 2016YFB0400605 《高品质、全光谱无机半导体照明材料、器件与灯具产业化制造技术》，易美负责并主持“高品质白光LED封装及荧光粉研发”课题工作；
- 国内最早从事健康照明研究，并提出全光谱照明概念的LED公司；
- 创新性的提出了全光谱概念两个量化指标：
 - 有害蓝光占比 Br:
 - 光谱连续性 Cs
- SCI收录论文两篇：
 - Tang W, Liu J G, Shen C. Blue light hazard optimization for high quality white LEDs[J]. IEEE Photonics Journal, 2018, 10(5): 1-10.
 - Liu J G, Tang W, Shen C, et al. Advances in higher color quality and healthier white LEDs[C]//2017 14th China International Forum on Solid State Lighting: International Forum on Wide Bandgap Semiconductors China (SSLChina: IFWS). IEEE, 2017: 13-16.
- 全面覆盖全光谱专利6篇

ZL201920653923.5	一种LED光源	实用新型
ZL201920653941.3	一种高显色性白光LED模组	实用新型
ZL201621361629.X	一种双芯片蓝光健康的LED光源	实用新型
ZL201620534927.8	一种多芯片激发的LED全光谱器件	实用新型
ZL201821440133.0	一种多波长芯片组合激发的LED光源	实用新型
ZL201822145330.6	一种植物生长照明装置	实用新型

Ra98 Kaleidolite™ Series



CRI80



CRI90



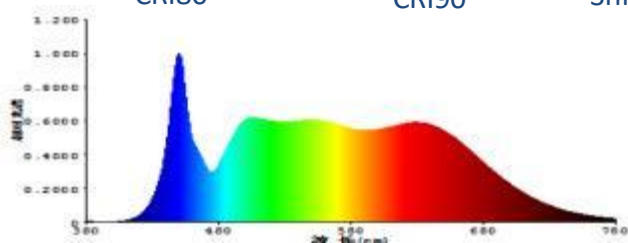
ShineOn全光谱

产品优势 Advantages & Benefits

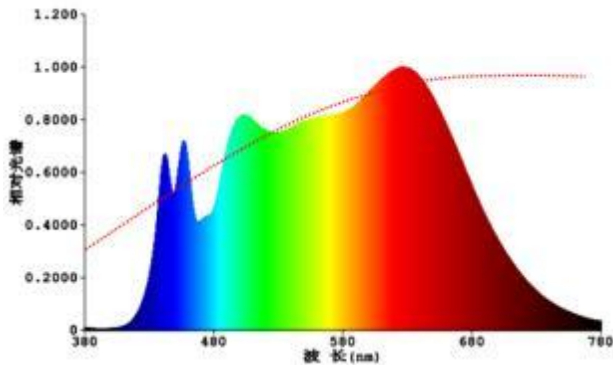
- 高CRI/Rf/Rg指数 High CRI/Rf/ Rg index (TM-30-18)
- R9 (饱和红) >90 R9 (Saturated red) > 90
- 高光效 High efficiency
- 高可靠性 High reliability

产品应用 Applications

- 商业照明 Commercial lighting
- 画廊 Galleries
- 家居照明 Residential lighting
- 教育照明 School lighting
- 博物馆 Museums



P/N	Rated voltage[V]			Rated current[mA]		CRI	Luminous flux[lm] @5000K		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Max.	Typ.
4014A03-XXF05-1S-L9	3.0	3.1	3.2	150	150	98	60	65	134
4014A03-XXF02-1S-L5	2.8	2.85	3.0	60	150	98	26	28	158
2835A03-XXF02-1S-D5	2.8	2.85	3.0	60	180	98	26	28	158
2835A03-XXF02-2P-D22	2.7	2.75	2.8	60	300	98	28	30	172
2835A03-XXF02-2P-D231	2.7	2.75	2.8	65	300	98	30	32	173
2835A03-XXF05-2P-F24	2.8	2.9	3.0	150	300	98	65	70	158
2835C06-XXF10-2S-CT9	6.0	6.2	6.4	150	150	98	130	140	145
2835C09-XXF10-3S-CH20	8.5	8.7	8.9	100	120	98	125	135	150
2835C09-XXF10-3S-CH30	8.5	8.6	8.7	100	120	98	130	140	157



产品优势 Advantages & Benefits

- 高色彩保真度 High color fidelity Rf
- R9 (饱和红) >90 R9 (Saturated red) > 90
- 护眼 Eye safety
- 低有害蓝光比 Low proportion of harmful blue light
- 高光效 High efficiency

产品应用 Applications

- 台灯 Desk lamp
- 面板灯 Panel lamp
- 阅读灯 Reading lamp
- 教育照明 School lighting

光谱类型	Cs	Rf	Rg	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
双蓝“护目”全光谱	82	96	100	99.1	99	99	99	98	99	99	99	99	98	98	95	93	99	99	99

P/N	Rated voltage[V]			Rated current[mA]		CRI	Luminous flux[lm] @4000K&5000K		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Max.	Typ.
2835A03-XXR02-2P-D25	2.7	2.75	3	60	150	98	25	27	160
2835A03-XXR02-2P-D24	2.7	2.71	3	60	150	98	26	28	170
2835A06-XXR02-2S-T6	5.4	5.5	5.6	60	150	98	25	27	160
2835A06-XXR02-2S-T8	5.4	5.45	5.6	60	150	98	26	28	170
4014A06-XXR02-2S-L22	5.4	5.5	5.6	60	150	98	25	27	160
2835A06-XXR10-2S-T6	5.8	6.0	6.2	150	180	98	115	125	130

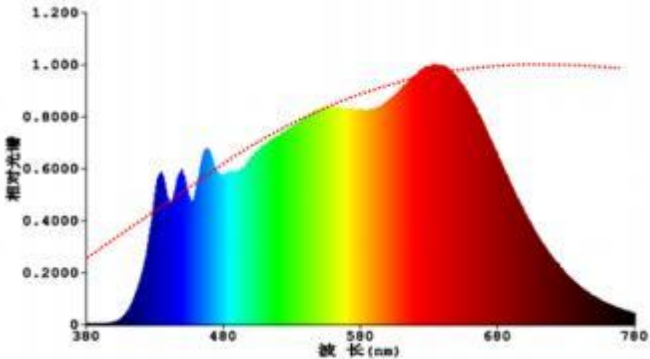
“醒目”全光谱 Eyes clear Series

产品优势 Advantages & Benefits

- 护眼 Eye safety
- 低有害蓝光比 Low proportion of harmful blue light
- 高光效 High efficiency
- 优秀的光谱连续性(Cs) Excellent spectral continuity
- 低褪黑素 Low Melanotic

产品应用 Applications

- 台灯 Desk lamp
- 面板灯 Panel lamp
- 阅读灯 Reading lamp



光谱类型	Cs	Rf	Rg	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
三蓝“醒目”全光谱	88%	97	101	99	99	100	98	100	99	98	99	99	98	98	99	93	99	98	99

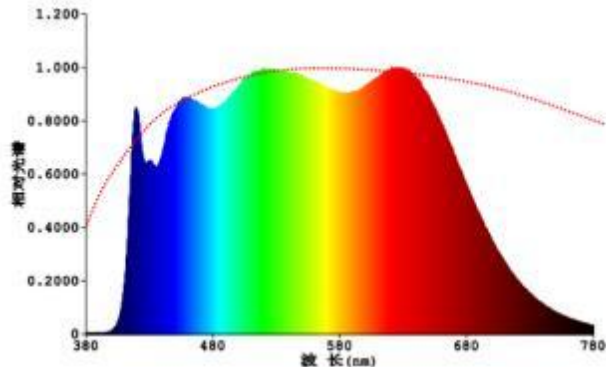
P/N	Rated voltage[V]			Rated current[mA]		CRI	Luminous flux[lm] @4000K&5000K		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Max.	Typ.
2835A09-XXQ10-3S-H33	8.5	8.75	9.1	100	100	99	108	118	130
2835A03-XXQ02-3P-D33	2.6	2.7	2.8	60	300	99	25	27	160

产品优势 Advantages & Benefits

- 护眼 Eye safety
- 低有害蓝光比 Low proportion of harmful blue light
- 优秀的光谱连续性 (Cs) Excellent spectral continuity
- 低褪黑素 Low Melanotic
- 紫光芯片激发 stimulated by violet chip

产品应用 Applications

- 台灯 Desk lamp
- 阅读灯 Reading lamp



光谱类型	Cs	Rf	Rg	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
紫光“阳光”全光谱	89%	97	100	99	99	99	99	98	99	99	99	99	98	99	97	98	99	99	99

P/N	Rated voltage[V]			Rated current[mA]		CRI	Luminous flux[lm] @4000K&5000K		Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Max.	Typ.
SOM2835-XX-F-PV	2.8	2.9	3.0	60	200	98	22	23	126
2835A03-XXY02-2P-D14	2.8	2.9	3.0	60	300	99	22	24	132

节律照明——“Good morning” 系列

Human-centric lighting——“Good morning” Series

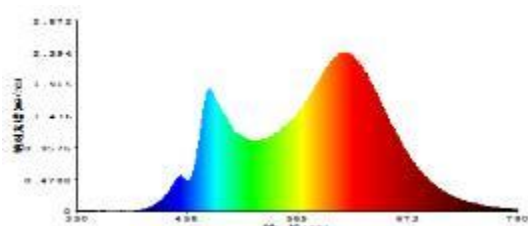


产品优势 Advantages & Benefits

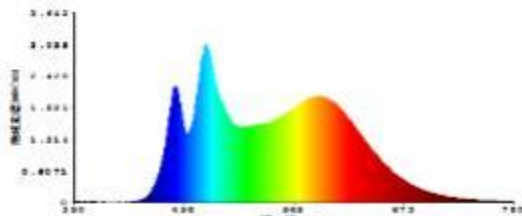
- 符合节律照明 Human-centric lighting
- 低褪黑素/明视比 Low Melanotic/photopic ratio

产品应用 Applications

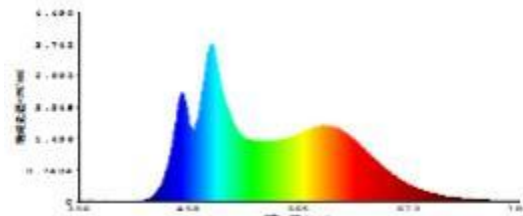
- 阅读灯 Reading light
- 实验室照明 Laboratory lighting
- 教育照明 School lighting



3000K



5000K



6500K

P/N	Rated voltage[V]			Rated current[mA]		CCT[k]	CRI	Luminous flux[lm]		Luminous Efficacy [lm/W]
	Typ.	Typ.	Max.	Typ.	Typ.			Min.	Typ.	
GM30H-1	6	150	180	3000	80	100	110	120		
GM50H-1	6	150	180	5000	80	115	125	130		
GM65H-1	6	150	180	6500	80	105	115	125		

节律照明——“Good night” 系列

Human-centric lighting——“Good night” Series

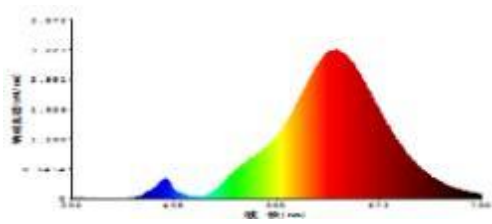


产品优势 Advantages & Benefits

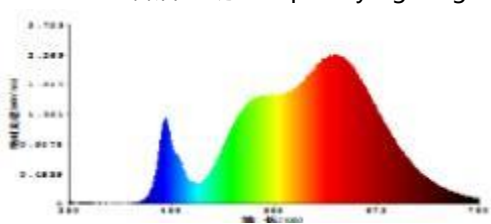
- 符合节律照明 Human-centric lighting
- 高褪黑素/明视比 High Melanotic/photopic ratio

产品应用 Applications

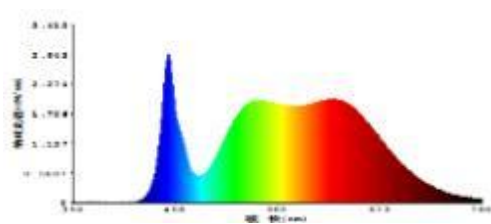
- 睡眠灯 Sleeping lamp
- 家居照明 residential lighting
- 酒店照明 hospitality lighting



1800K



3000K



4000K

P/N	Rated voltage[V]			CCT[k]		Luminous flux[lm]		Luminous Efficacy [lm/W]
	Typ.	Typ.	Max.	Typ.	Typ.	Min.	Typ.	Typ
GN18H-1	6	150	180	1800	80	95	105	115
GN30H-1	6	150	180	3000	80	100	110	125
GN40H-1	6	150	180	4000	80	120	130	140

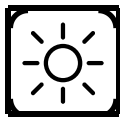
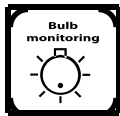
04

PART FOUR

智能照明

Smart lighting

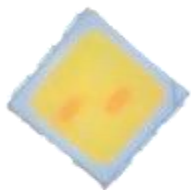
- 可调色温 CCT Can be adjusted
- 彩色光 Color LED Series
- RGB

Intelligent endless
dimmingRhythm
illuminationLights move
with peopleColor
dimmingRa95 High
CRILow blue
light eye
protection

PCT3030 6V 1W——可调色温SMD系列

PCT3030 6V 1W—— CCT tunable SMD Series

PCT3030双色



Size : 3.2mm*3.0mm

Thickness : 0.63mm

产品优势 Advantages & Benefits

- 高光效高显指 High luminous efficiency and high Color Rendering Index
- 可调色温 CCT tunable from 2700 to 6000K
- 单色温和混合色温最高功率可应用至1W
Single color temperature and mixed color temperature power up to maximum 1 W

产品应用 Applications

- 线条灯&筒灯&射灯 strip light & downlight & spotlight
- 商业照明 Commercial lighting&家居照明 Residential lighting
- 智能照明 Smart lighting

P/N	P(W)	CCT[k]	Rated current[ma]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ.@150mA
3030A06-2760S150-2S2P-B11	1.0	2700	150	150	6.0	6.2	6.4	90	95	100	105	110	113lm/W
	1.0	6000	150	150	6.0	6.2	6.4			110	115	120	123lm/W

EMC3030 6V 1.5W——可调色温SMD系列

EMC3030 6V 1.5W—— CCT tunable SMD Series

EMC3030双色



Size : 3.2mm*3.0mm

Thickness : 0.6mm

产品优势 Advantages & Benefits

- 高光效高显指 High luminous efficiency and high Color Rendering Index
- 可调色温 CCT tunable from 2700 to 6000K
- 单色温和混合色温最高功率可应用至1.5W
Single color temperature and mixed color temperature power up to maximum 1.5W

产品应用 Applications

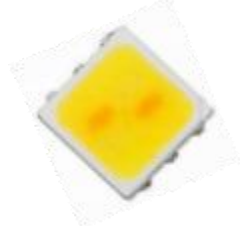
- 线条灯&筒灯&射灯 strip light & downlight & spotlight
- 商业照明 Commercial lighting&家居照明 Residential lighting
- 智能照明 Smart lighting

P/N	P(W)	CCT[k]	Rated current[mA]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ.@250mA
3030A06-2760S250-U2S2P-B01	1.5	2700	250	250	6.0	6.3	6.6	90	95	155	160	165	101lm/W
	1.5	6000	250	250	6.0	6.3	6.6			170	175	180	111lm/W

EMC3030 18V 2W——可调色温SMD系列

EMC3030 18V 2W—— CCT tunable SMD Series

EMC3030双色



Size : 3.2mm*3.0mm

Thickness : 0.6mm

产品优势 Advantages & Benefits

- 高光效高显指 High luminous efficiency and high Color Rendering Index
- 可调色温 CCT tunable from 2700 to 6000K
- 高压低电流 High voltage and low current
- 单色温和混合色温最高功率可应用至2W
Single color temperature and mixed color temperature power up to maximum 2 W

产品应用 Applications

- 线条灯&筒灯&射灯 strip light & downlight & spotlight
- 商业照明 Commercial lighting&家居照明 Residential lighting
- 智能照明 Smart lighting

P/N	P(W)	CCT[k]	Rated current[ma]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ.@100mA
3030A18-2760S100-U2S2P-B03	1.8	2700	100	100	16.5	17.5	19	90	95	160	165	170	95lm/W
	1.8	6000	100	100	16.5	17.5	19			180	185	190	105lm/W

EMC5050 6V 4W——可调色温SMD系列

EMC5050 6V 4W—— CCT tunable SMD Series

EMC5050双色



Size : 5.0mm*5.8mm

Thickness : 0.7mm

luminous surface : Ø 4.6mm

产品优势 Advantages & Benefits

- 高光效高显指 High luminous efficiency and high Color Rendering Index
- 可调色温 CCT tunable from 2700 to 6000K
- 单色温和混合色温最高功率可应用至4W

Single color temperature and mixed color temperature power up to maximum 4 W

产品应用 Applications

- 线条灯&筒灯&射灯 strip light & downlight & spotlight
- 商业照明 Commercial lighting&家居照明 Residential lighting
- 智能照明 Smart lighting

P/N	P(W)	CCT[k]	Rated current[mA]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ.@600mA
5050A06-2760S600-U2S4P-B04	4	2700	600	600	6.2	6.5	6.8	90	95	375	385	395	98 lm/W
	4	6000	600	600	6.2	6.5	6.8			430	440	450	110 lm/W

EMC5050 24V 5W——可调色温SMD系列

EMC5050 24V 5W—— CCT tunable SMD Series

EMC5050双色



Size : 5.0mm*5.0mm

Thickness : 0.7mm

luminous surface : $\varnothing$ 4.6mm

产品优势 Advantages & Benefits

- 高光效高显指 High luminous efficiency and high Color Rendering Index
- 可调色温 CCT tunable from 2700 to 6000K
- 单色温和混合色温最高功率可应用至5W

Single color temperature and mixed color temperature power up to maximum 5 W

产品应用 Applications

- 线条灯&筒灯&射灯 strip light & downlight & spotlight
- 商业照明 Commercial lighting&家居照明 Residential lighting
- 智能照明 Smart lighting

P/N	P(W)	CCT[k]	Rated current[ma]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ.@200mA
5050A24-2760S200-U8S2P-B05	5	2700	200	200	22	24.5	26	90	95	520	530	540	108lm/W
	5	6000	200	200	22	24.5	26			570	585	590	120lm/W

EMC7070 36V 9W——可调色温SMD系列

EMC7070 36V 9W—— CCT tunable SMD Series

EMC7070双色



Size : 7.0mm*7.0mm

Thickness : 0.8mm

luminous surface : $\varnothing$ 6.3mm

产品优势 Advantages & Benefits

- 高光效高显指 High luminous efficiency and high Color Rendering Index
- 可调色温 CCT tunable from 2700 to 6000K
- 单色温和混合色温最高功率可应用至9W

Single color temperature and mixed color temperature power up to maximum 9 W

产品应用 Applications

- 筒灯&射灯 downlight & spotlight
- 商业照明 Commercial lighting&家居照明 Residential lighting
- 智能照明 Smart lighting

P/N	P(W)	CCT[k]	Rated current[mA]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ.@230mA
7070A36-2760S230-U12S2P-B06	9	2700	230	230	37	39	41	90	95	950	980	1000	110 lm/W
	9	6000	250	250	37	39	41			1050	1070	1100	120 lm/W

EMC1F1F 72V 12W——可调色温SMD系列

EMC1F1F 72V 12W—— CCT tunable SMD Series

EMC1F1F双色



Size : 10mm*10mm

Thickness : 0.8mm

luminous surface : $\varnothing$ 9.6mm

产品优势 Advantages & Benefits

- 高光效高显指 High luminous efficiency and high Color Rendering Index
- 可调色温 CCT tunable from 2700 to 6000K
- 单色温和混合色温最高功率可应用至12W

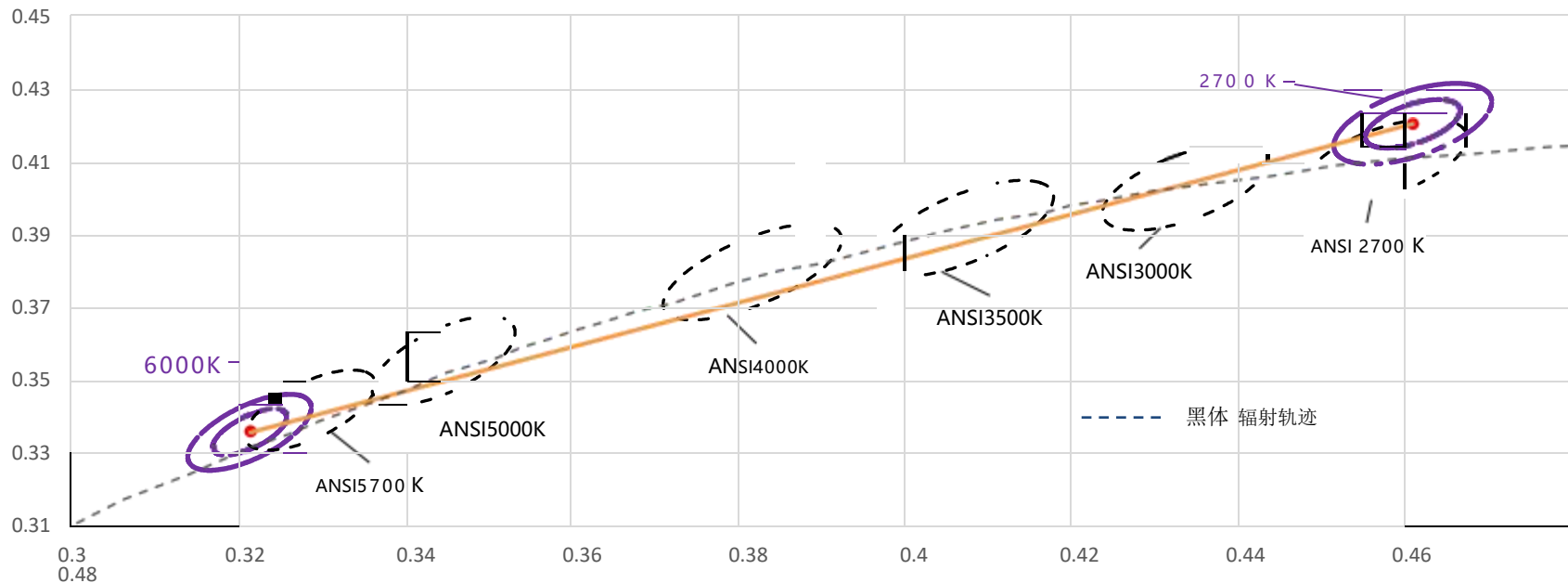
Single color temperature and mixed color temperature power up to maximum 12W

产品应用 Applications

- 筒灯&射灯 downlight & spotlight
- 商业照明 Commercial lighting&家居照明 Residential lighting
- 智能照明 Smart lighting

P/N	P(W)	CCT[k]	Rated current[mA]		Rated voltage[V]			CRI		Luminous flux[lm]			Luminous Efficacy [lm/W]
		Typ.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.	Max.	Typ.@160mA
1F1FA72-2760S160-U24S2P-B07	12	2700	160	160	71	73	75	90	95	1350	1400	1450	120lm/W
	12	6000	160	160	71	73	75			1500	1550	1600	132lm/W

可调色温产品色温调整范围： 2700K-6000K

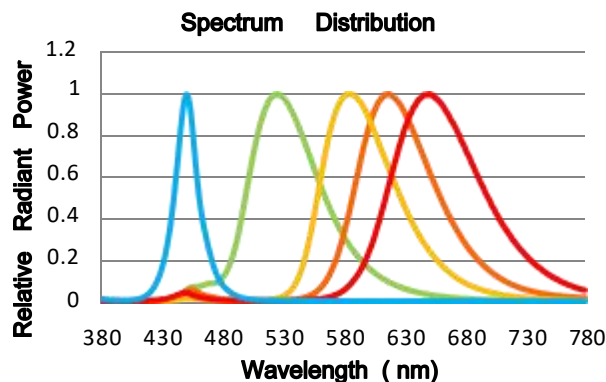


standard	Center color temperature	X	Y	θ	3step		5step	
					a	b	a	b
2700	2756K	0.4611	0.4204	53.17	0.00774	0.00411	0.01290	0.00685
6000	6018K	0.3214	0.3356	59.21	0.00708	0.003	0.0118	0.005

可调色温SMD LED应用 CCT tunable SMD LED application



彩色LED —Color LED Series



Advantages & Benefits

- 高光效 High Luminous Efficacy
- 高可靠性 High reliability

Applications

- 筒灯 Tube Light
- 面板灯 Panel Light
- 球泡 Bulb

P/N	Rated voltage[V]			Rated current[mA]		Peak Wavelength[nm]	Luminous flux[lm]	Luminous Efficacy [lm/W]
	Min.	Typ.	Max.	Typ.	Max.			
SSW2835-B450-H	5.6	5.8	6.0	60	80	452	7	20
SSW2835-G525-H	5.6	5.8	6.0	60	80	525	71	200
SSW2835-O585-H	5.6	5.8	6.0	60	80	584	53	151
SSW2835-O620-H	5.6	5.8	6.0	60	80	614	27	77
SSW2835-R650-H	5.6	5.8	6.0	60	80	648	11	33
3V/9V/18V/36V type are provided.								

2835RGB 0.2W 产品规格

2835RGB 0.2W Product Specifications

2835RGB、RYB



Size : 3.5mm*2.8mm

Thickness : 1.1mm

产品优势 Advantages & Benefits

- RGB芯片独立控制 individually controlled RGB chips;
- 高光效、高可靠性 High efficacy, high reliability;
- 可定制不同波长颜色 Customize service for different wavelengths/ colors;

产品应用 Applications

- 指示灯和氛围灯 Indicator and atmosphere lights
- 智能家居 Smart home lightings
- 发光字和标牌 Illuminated letters and signage
- 景观和建筑照明 Landscape and building lighting

P/N	Color	Current (mA)	Forward voltage (V)	Flux (lm)	Wavelength (nm)
2835RGB02-02-UT11-R01	Red	20	2.1-2.4	2-3	620-625
	Green		2.8-3.2	6-8	520-525
	Blue		2.9-3.2	1.5-2	465-470
2835RYB02-02-UT11-R01	Red	20	2.1-2.4	2-3	620-625
	yellow		2.1-2.4	6-8	590-595
	Blue		2.9-3.2	1.5-2	465-470

3030RGB 0.5W 产品规格

3030RGB 0.5W Product Specifications

PCT3030RGB



Size : 3.2mm*3.0mm

Thickness : 0.63mm

产品优势 Advantages & Benefits

- RGB芯片独立控制 individually controlled RGB chips;
- 高光效、高可靠性 High efficacy, high reliability;
- 可定制不同波长颜色 Customize service for differert wavelengths/colors;

产品应用 Applications

- 指示灯和氛围灯
Indicator and atmosphere lights
- 智能家居
Smart home lightings
- 发光字和标牌
Illuminated letters and signage
- 景观和建筑照明
Landscape and building lighting

P/N	Color	Current (mA)	Forward voltage (V)	Flux (lm)	Wavelength (nm)
3030RGB05-06-UT06-T02	Red	60	2.1-2.4	9-11	620-625
	Green		3.1-3.4	19-21	515-520
	Blue		3.0-3.3	4-6	465-470

3030RGB 1.5W 产品规格

—— 3030RGB 1.5W Product Specifications

EMC3030RGB



Size : 3.2mm*3.0mm

Thickness : 0.6mm

产品优势 Advantages & Benefits

- RGB芯片独立控制 individually controlled RGB chips;
- 高光效、高可靠性 High efficacy, high reliability;
- 可定制不同波长颜色 Customize service for different wavelengths/colors;

产品应用 Applications

- | | |
|--|--|
| - 指示灯和氛围灯
Indicator and atmosphere lights | - 发光字和标牌
Illuminated letters and signage |
| - 智能家居
Smart home lightings | - 景观和建筑照明
Landscape and building lighting |

P/N	Color	Current (mA)	Forward voltage (V)	Flux (lm)	Wavelength (nm)
3030RGB15-15-UT06-T03	Red	150	2.1-2.4	19-21	620-625
	Green		3.1-3.4	46-48	520-525
	Blue		3.0-3.3	9-11	465-470

5050RGB 0.5W 产品规格

5050RGB 0.5W Product Specifications

5050RGB



Size : 5.4mm*5.0mm
Thickness : 1.6mm

产品优势 Advantages & Benefits

- RGB芯片独立控制 individually controlled RGB chips;
- 高光效高可靠性 High efficacy, high reliability;
- 可定制不同波长颜色
Customize service of different wavelengths/ colors available;

产品应用 Applications

- 指示灯和氛围灯
Indicator and atmosphere lights
- 智能家居
Smart home lightings
- 发光字和标牌
Illuminated letters and signage
- 景观和建筑照明
Landscape and building lighting

P/N	Color	Current (mA)	Forward voltage (V)	Flux (lm)	Wavelength (nm)
5050RGB05-06-UT16-F02	Red	60	2.2-2.4	8-12	620-625
	Green		3.1-3.4	16-20	510-515
	Blue		3.0-3.3	4-6	465-470

THANKS

