

ABOUT EDISON OPTO

EDISON OPTO, with a dedicated focus on the LED industry for over two decades, stands as a premier partner for renowned lighting manufacturers. Our extensive product range encompasses LED components, modules, FPC, and more. At Edison Opto, we take pride in our LDMS™ (LED Design & Manufacturing Service), a testament to our commitment to maintaining the highest quality standards. Emphasizing a culture of continuous improvement and innovation. Furthermore, we invest in the development of our people, products, and processes to ensure excellence in every aspect of our business.



Energy Saving



High Efficiency



Quality



ECO Friendly



Healthy Light

RELIABILITY

- Anti-sulfuration Technology
- High Reliability
- Long Lifetime
- EMC Type LED Package



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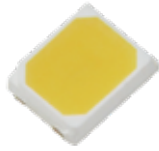


EDISON LED INSIDE
**BOOST ENERGY
EFFICIENCY**

- Make a sustainable move -

PLCC 2835

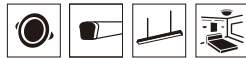
3V 0.2w 0.5w / 6V 9V 1W



- EFFICIENT ENERGY** Highest **230 lm/W**
- ECO FRIENDLY** "0" mercury-free & cool operation
- GREEN POWER** Inline with **CO₂** reduction
- RELIABLE & DURABLE** **L80>72000** hrs (Reported)

Features

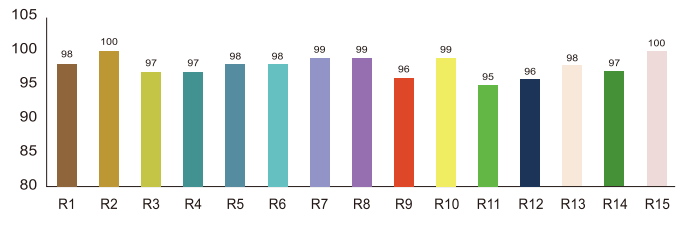
- Deliver 92lm@150mA(4000K)
- Max Operating current @300mA
- Save power consumption by 10%~20%



Mid-power 2835 (0.5W)

UE2.0 Series

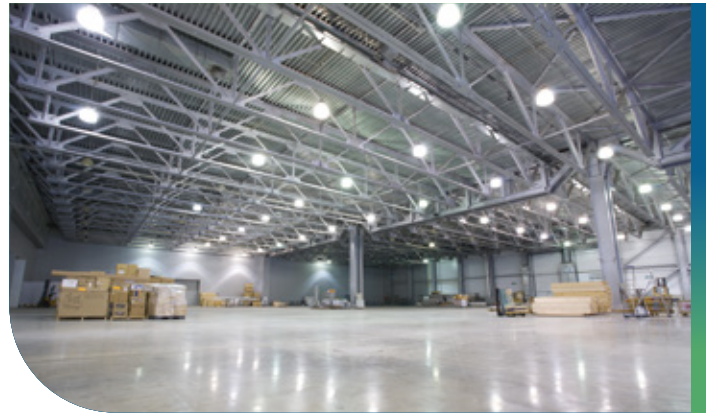
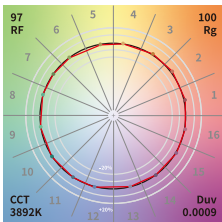
Order Code	IF(mA)	VF(V)	Typ.Flux(lm)	CRI(Ra)	CCT(K)	lm/W
2T03X827A7003093	65	2.72	38.2	70	2700K	216
2T03X840A7003093	65	2.72	41.5	70	4000K	235
2T03X857A7003093	65	2.72	40.8	70	5700K	231
2T03X827A8003092	65	2.72	35.8	80	2700K	202
2T03X840A8003092	65	2.72	39.8	80	4000K	225
2T03X857A8003092	65	2.72	38.9	80	5700K	220
2T03X527A9803001	150	2.9	51	98	2700	117
2T03X530A9803001	150	2.9	54	98	3000	124
2T03X540A9803001	150	2.9	56	98	4000	129
2T03X550A9803001	150	2.9	60	98	5000	138
2T03X557A9803001	150	2.9	62	98	5700	143
2T03X565A9803001	150	2.9	59	98	6500	136



Dual-chip Packaging Design

The overall low blue light intensity achieves the low blue light hazard and benefits educational lighting and health lighting.

IEC TR62778
IEC/EN62471
Blue light hazard reports, both rated RG0



EMC 3030 1W (6V)

Excellent Solution for Industrial Lighting

EDISON OPTO EMC 3030 6V is an ideally drop-in replacement for Industrial Lighting Solution. With outstanding heat-resistant performance, EMC 3030 6V Series comes in all ANSI CCTs and delivers high efficacy and reliability requirement for high power applications.

Features

- Color temperature: 2200K~6500K
- Luminous flux:170lm@5700K@70Ra (6V,Current 150mA)
- Efficiency up to 200lm/w



UE2.0 Series

Order Code	Power(W)	IF(mA)	VF(V)	Typ.Flux(lm)	CRI(Ra)	CCT(K)	lm/W
2T120127A7006091	0.85	150	5.70	162.3	70	2700K	190
2T120140A7006091	0.85	150	5.70	170.8	70	4000K	200
2T120157A7006091	0.85	150	5.70	168.2	70	5700K	197
2T120127A8006092	0.85	150	5.70	151.0	80	2700K	177
2T120140A8006092	0.85	150	5.70	158.5	80	4000K	185
2T120157A8006092	0.85	150	5.70	156.0	80	5700K	183

EMC 5050 5W (6V 24V 30V)

Best LED Solution for Solar Street Light

EDISON OPTO EMC package provides excellent heat-resistant and especially suitable for all kinds of outdoor street light applications.

Features

- Color temperature: 2700K - 6500K, optional 1800K/ 2000K/ 2200K
- Passed H2S (@15ppm) test based on standard IEC 60068-2-43/ AEC-Q102
- Efficiency up to 200lm/w
- L90B10 > 100,000 hrs



UE Series- 6V / 24V / 30V (Ra70)

Order Code	Power(W)	IF(mA)	VF(V)	Typ.Flux(lm)	CCT(K)	lm/W
2T040527A7006006	3.80	640	5.91	706.7	2700K	187
2T040540A7006006	3.80	640	5.91	768.2	4000K	203
2T040557A7006006	3.80	640	5.91	759.9	5700K	201
2T040527A7024006	3.87	160	24.2	708.9	2700K	184
2T040540A7024006	3.87	160	24.2	770.6	4000K	199
2T040557A7024006	3.87	160	24.2	757.2	5700K	196
2T040527A7030006	4.85	160	30.3	878.6	2700K	182
2T040540A7030006	4.85	160	30.3	955.0	4000K	197
2T040557A7030006	4.85	160	30.3	936.6	5700K	194