

Components

PLCC 2835 (0.5W) Full Spectrum Ra>95



Color	Wavelength	PPF(μmol/s)
CW	5700-6500K	22-28 lm
NW	4000-5000K	22-28 lm
WW	2700-3500K	20-26 lm

Fresh Water

Federal 3535 (1-3W)



Color	Wavelength	PPF(μmol/s)
UV	390-410	400-600mW
Indigo	415-435	1.7-2.0

Marine

Total Solution



- LDMS - Total Solutions For Fresh Water / Marine
- Variety For Components & Fixtures
- OEM / ODM / OBM Services

Luminaires



www.edison-opto.com.tw

Edison Opto Taipei Co., Ltd
4F, No.800, Chung-Cheng Rd., Chung-Ho
Dist, New Taipei City, Taiwan
Tel: +886 2 8227 6996
Fax: +886 2 8227 6997
E-mail: service@edison-opto.com.tw

Edison Opto (Dong Guan) Co., Ltd
B16, Xi-Cheng Industrial Park, Heng-Li,
Dongguan City, Guangdong Province, China 523460
Tel: +86 769 8101 1898
Fax: +86 769 8101 1899
E-mail: chinaservice@edison-opto.com.cn

Yangzhou Edison Opto Corporation
No.101, West Hua-Yang Road, Yangzhou City,
Jiangsu Province, China 225009
Tel: +86 514 8777 7101 +86 514 8582 3888
Fax: +86 514 8777 7102
E-mail: chinaservice@edison-opto.com.cn

Edison Opto USA Corporation
1809 Excise Avenue, Suite 201, Ontario,
California 91761 USA
Tel: +1 909 284 9710
Fax: +1 909 460 8130
E-mail: service@edisonopto-usa.com



Horticulture & Aqua
Lighting Solutions



Components

PLCC 2835 (0.5W)



Color	Wavelength	PPF(μmol/s)
Blue	450-460	0.7-1.0
Deep Red	650-670	0.6-0.9
Cherry Red	720-740	50-100mW
A0-A4	Purple	0.4-1.0

Vertical Farm

PLCC 3030 (1W)



Color	Wavelength	PPF(μmol/s)
Blue	450-460	1.7-2.0
Deep Red	650-670	1.4-1.7
Cherry Red	720-740	100-200mW
A0-A4	Purple	1.3-1.9

Green Wall

Federal 3535 (1-3W)



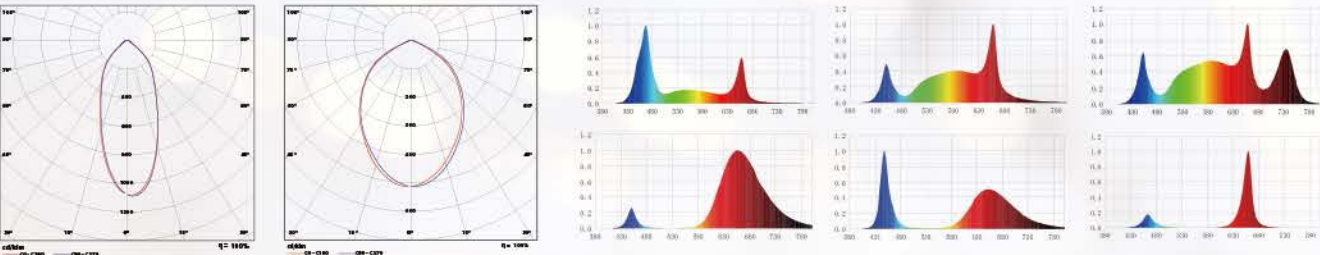
Color	Wavelength	PPF(μmol/s)
Blue	450-460	1.7-2.0
Deep Red	650-670	1.8-2.4
Cherry Red	720-740	280-300mW
White	2600-10000K	1.1-2.1

Green House

Luminaires

Linear 150W-600W

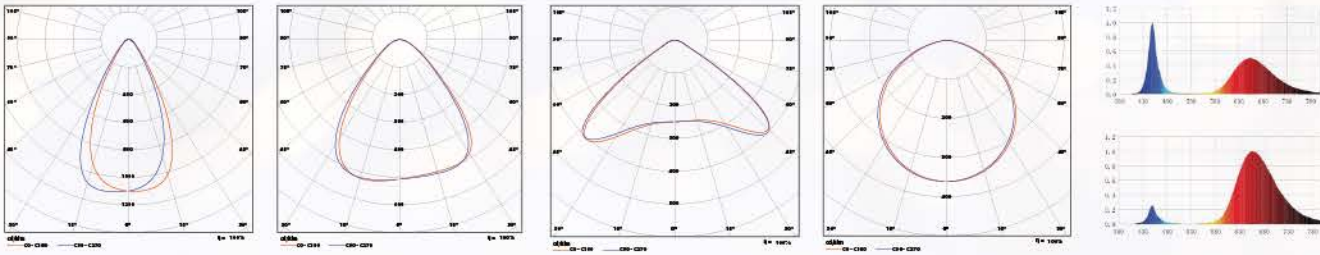
- Designed with practicality as the first priority
- Combination by your need (150-600w)
- 6 standard spectrum can selection (Customized OK)
- 2 standard angles can selection (Customized OK)
- 5 years warranty



Parameter	Specification						Unit
	Nursery	Vegetative	Flowering	High Efficiency	A0	A4	
Power Consumption	140	140	130	130	140	140	W
Typ. Flux	9168	12150	9662	3536	3125	3607	lm
PPF	216	208	158	282	168	190	μmole / sec
LEDs	108			168			pcs
Typ. Operating Voltage	100 - 277						V
Weight	3900						g
IP Level	IP 65						
Max. PPFD @1m 60° / 90°	154 / 86		117 / 66	211 / 118	199 / 92	222 / 103	μmole / s*m2
Max. PPFD @2m 60° / 90°	45 / 25		34 / 19	61 / 34	57 / 25	63 / 28	μmole / s*m2
Max. PPFD @2m 60° / 90°	21 / 12		16 / 9	29 / 16	27 / 12	30 / 13	μmole / s*m2

UFO 150W

- Designed with practicality as the first priority
- 2 standard spectrum can selection (Customized OK)
- 4 standard angles can selection (Customized OK)
- 5 years warranty



Parameter	Specification		Unit
	A0	A4	
Power Consumption	130	130	W
Typ. Flux	3200	3780	lm
PPF	172	197	μmole / sec
LEDs	210		pcs
Typ. Operating Voltage	100 - 277		V
Weight	3500		g
IP Level	IP 65		
Max. PPFD @1m 60° / 90° / 120° / Flood	221 / 89 / 47 / 68	254 / 102 / 54 / 79	μmole / s*m2
Max. PPFD @2m 60° / 90° / 120° / Flood	57 / 24 / 14 / 19	65 / 27 / 16 / 22	μmole / s*m2
Max. PPFD @2m 60° / 90° / 120° / Flood	26 / 12 / 7 / 9	30 / 13 / 8.2 / 11	μmole / s*m2

Simulation

We offer stimulation service to our customers, and therefore our customers can design their lighting condition for crops based on our simulation results.

