

LED Module Catalog

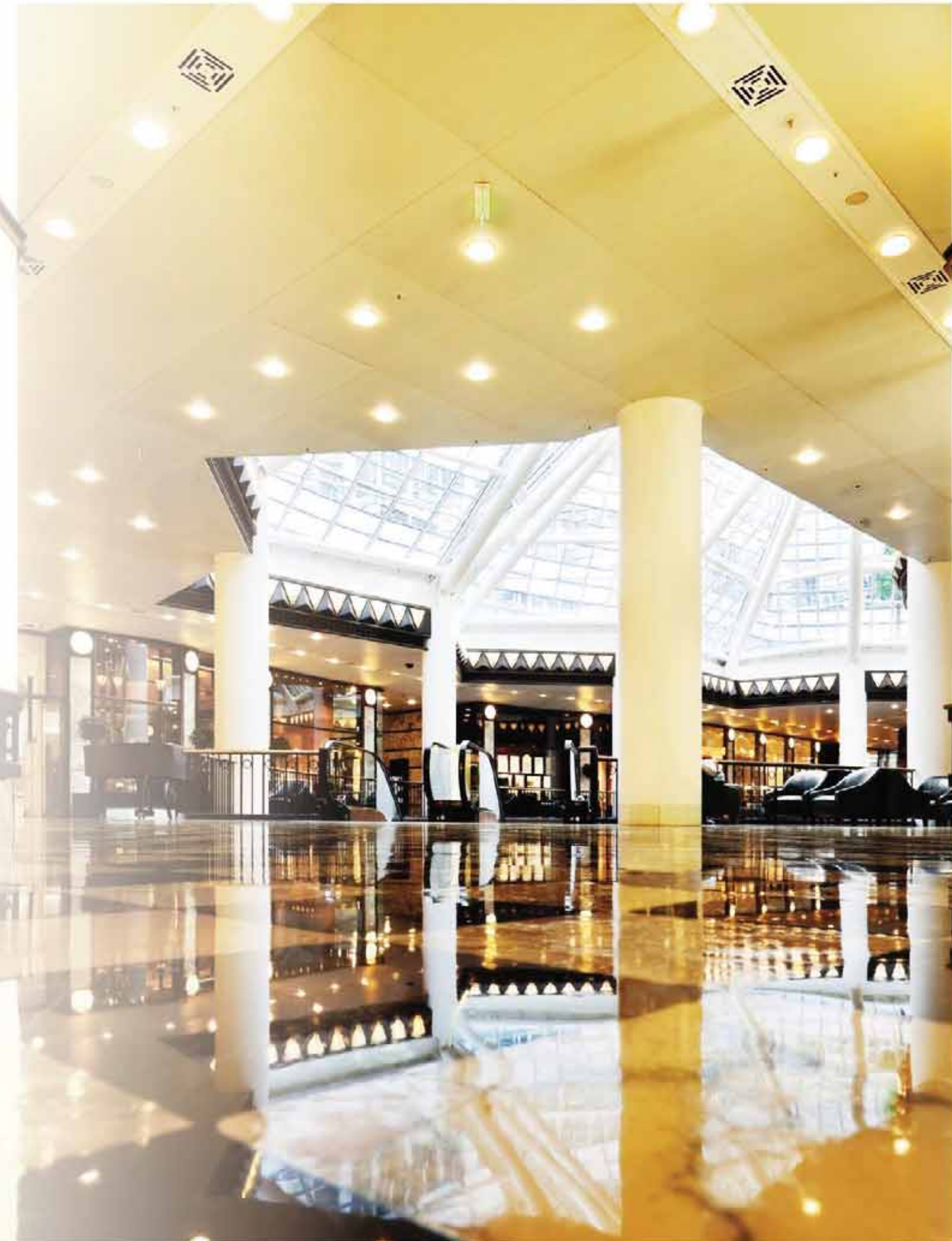


TAIPEI EDISON OPTO CORPORATION
4F, No.800, Chung-Cheng Rd., Chung-Ho Dist.,
New Taipei City 23586, Taiwan
T+ 886 2 82276996
F+ 886 2 82276997
www.edison-opto.com.tw
service@edison-opto.com.tw



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Dual Volt Flicker Free

PLCC AC Module Series



Features

- Works in a 120V / 230V environment
- Compatible with TRIAC dimmers and 1-10V dimmers
- High power factor
- Low THD
- Low flicker (< 30%)
- 120V UL compliance

Applications



Downlight



Flush Mount



Pendant Light



Wall Light



Torchiere Floor lamp

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACN2TD1173001	Φ100*18	120 / 230	17 W	1700	3000K	80	>0.8	-	<30%	1-10V
5ELACN2TD1174001				1800	4000K					
5ELACN2TD1173004				1500	3000K	90				
5ELACN2TD1174004				1600	4000K					
5ELACN2TD1173002	Φ100*14	120 / 230	17 W	2000	3000K	80	>0.95	<30%	<30%	Triac
5ELACN2TD1174002				2100	4000K					



Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACN2TD1173003	Φ100*14	120 / 230	17 W	1700	3000K	90	>0.95	<30%	<30%	Triac
5ELACN2TD1174003				1800	4000K					

Flicker Free

PLCC AC Module Series



Features

- High system efficiency
- Compatible with TRIAC dimmers
- High power factor (>0.95)
- Low THD (<30%)
- Low flicker (<30%)
- 120V UL compliance

Applications



Wall Light



Troffer

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELALN2T12102712	153*35*13	120 V	10 W	940	2700K	90	>0.95	<30%	<30%	Triac
5ELALN2T12103012				970	3000K					
5ELALN2T12104012				1030	4000K					

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELALN2T12202712	203*35*13	120 V	20 W	1840	2700K	90	>0.95	<30%	<30%	Triac
5ELALN2T12203012				1900	3000K					
5ELALN2T12204012				2010	4000K					

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELALN2T12302712	560*35*13	120 V	30 W	2870	2700K	90	>0.95	<30%	<30%	Triac
5ELALN2T12303012				2960	3000K					
5ELALN2T12304012				3140	4000K					

Flicker Free

PLCC AC Module Series



Features

- High system efficiency
- Compatible with TRIAC dimmers
- High power factor (>0.95)
- Low THD (<30%)
- Low flicker (<30%)
- 120V UL compliance

Applications



Downlight



Flush Mount



Pendant Light



Wall Light



Torchiere Floor lamp

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACN2T12152709	Φ75*13	120 V	15 W	1320	2700K	90	>0.95	<30%	<30%	Triac
5ELACN2T12153009				1360	3000K					
5ELACN2T12154009				1440	4000K					

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACN2T12172709	Φ100*13	120 V	17 W	1620	2700K	90	>0.95	<30%	<30%	Triac
5ELACN2T12173009				1680	3000K					
5ELACN2T12174009				1780	4000K					

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACN2T12242709	Φ138*14	120 V	24 W	2160	2700K	90	>0.95	<30%	<30%	Triac
5ELACN2T12243009				2230	3000K					
5ELACN2T12244009				2360	4000K					

Flicker Free

PLCC AC Module Series



Applications



Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELARN2T12152709	Φ163/107*14	120 V	15 W	1400	2700K	90	>0.95	<30%	<30%	Triac
5ELARN2T12153009				1450	3000K					
5ELARN2T12154009				1540	4000K					

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELARN2T12202709	Φ185/125*14	120 V	20 W	2040	2700K	90	>0.95	<30%	<30%	Triac
5ELARN2T12203009				2100	3000K					
5ELARN2T12204009				2230	4000K					

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELARN2T12242709	Φ220/140*14	120 V	24 W	2370	2700K	90	>0.95	<30%	<30%	Triac
5ELARN2T12243009				2450	3000K					
5ELARN2T12244009				2600	4000K					



Features

- High system efficiency
- Compatible with TRIAC dimmers
- High power factor (>0.95)
- Low THD (<30%)
- Low flicker (<30%)
- 120V UL compliance

Ultra-Low Flicker

PLCC AC Module Series



Features

- High system efficiency
- High power factor (>0.9)
- Percent flicker approximate 0%

Applications



Downlight



Flush Mount



Pendant Light



Wall Light



Torchiere Floor lamp



Flicker Free
(<20% Flicker)



Ultra - Low Flicker
(<1% Flicker)

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACE2T23183001	Φ70*1.6t	230 V	18 W	1600	3000K	80	>0.9	<30%	<1%	-
5ELACE2T23184001				1700	4000K					
5ELACE2T23185701				1800	5700K					
5ELACE2T23243001	Φ100*1.6t	120 V	24 W	2100	3000K					
5ELACE2T23244001				2200	4000K					
5ELACE2T23245701				2300	5700K					

Low – Percent Flicker Series

PLCC AC Module Series



Features

- Percent flicker approximate 0%
- High efficiency up to 120 lm / W
- Down light and ceiling light application
- For middle east

Applications



Downlight



Flush Mount



Pendant Light



Wall Light



Torchiere Floor lamp

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker
5ELACN2T23085701	Φ42*1.0t	230 V	8 W	800	5700K	80	>0.5	-	<1%
5ELACN2T23084001				800	4000K				
5ELACN2T23083001				750	3000K				
5ACCEM12RCWS2301	Φ55*1.0t		12 W	1200	5700K				
5ACCEM12RNWS2301				1200	4000K				
5ACCEM12RWWS2301				1100	3000K				
5ACCEM25RCWS2301	Φ123*1.0t		24 W	3000	5700K				
5ACCEM25RNWS2301				3000	4000K				
5ACCEM25RWWS2301				2850	3000K				

Ultra – Wide Angle Optics Module

PLCC AC Module Series



Features

- High system efficiency
- Compatible with TRIAC dimmers
- 32W is available with 0~10V dimming
- High power factor (>0.95)
- Low THD (<20%)
- Fit 12" to 15" ceiling lights
- UL compliance

Applications



Flush Mount



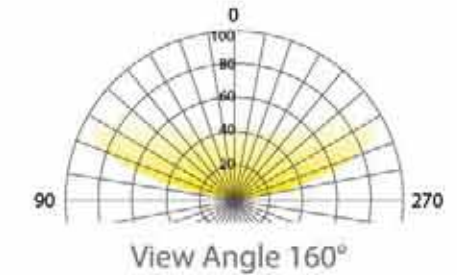
Pendant Light



Wall Light



Torchiere Floor lamp



Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELAEN2T12183001	Φ160*7.3	120 V	18 W	1530	3000K	80	>0.95	<20%	100%	Triac
5ELAEN2T12184001				1575	4000K					
5ELAEN2T12185701				1725	5700K					
5ELAEN2T23183001				1530	3000K					
5ELAEN2T23184001				1575	4000K					
5ELAEN2T23185701				1725	5700K					
5ELAEN2T12243001	Φ160*7.3	120 V	24 W	2040	3000K	80	>0.95	<20%	100%	Triac
5ELAEN2T12244001				2100	4000K					
5ELAEN2T12245701				2300	5700K					
5ELAEN2T23243001				2040	3000K					
5ELAEN2T23244001				2100	4000K					
5ELAEN2T23245701				2300	5700K					
5ELAEN2T12323001	Φ160*7.3	120 V	32 W	2720	3000K	80	>0.95	<20%	100%	Triac
5ELAEN2T12324001				2800	4000K					
5ELAEN2T12325701				3070	5700K					
5ELAEN2T23323001				2720	3000K					
5ELAEN2T23324001				2800	4000K					
5ELAEN2T23325701				3070	5700K					
5ELAEN2T23323001	Φ160*7.3	120 V	32 W	2900	3000K	80	>0.95	<20%	100%	1-10V
5ELAEN2T23324001				3000	4000K					
5ELAEN2T23325701				3200	5700K					

Ultra – Wide Angle Opticslow Flicker Module

PLCC AC Module Series



Features

- High system efficiency
- High efficiency (>90lm/W)
- High power factor (>0.95)
- Low THD (<20%)
- Low flicker (<30%)
- Wide angle > 160°
- Fit 12" to 15" ceiling lights
- 120V ELT listed No.5000694
- 230V CE compliance



Applications



Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELAEN2T12183010	Φ175*25	120 V	18 W	1650	3000K	90	>0.95	<20%	<30%	Triac
5ELAEN2T12184010				1750	4000K					
5ELAEN2T12185710				1750	5700K					
5ELAEN2T23183010	Φ175*25	230 V	18 W	1800	3000K	80				
5ELAEN2T23184010				1900	4000K					
5ELAEN2T23185710				1900	5700K					
5ELAEN2T12243010	Φ175*25	120 V	24 W	2100	3000K	90	>0.95	<20%	<30%	Triac
5ELAEN2T12244010				2300	4000K					
5ELAEN2T12245710				2300	5700K					
5ELAEN2T23243010	Φ175*25	230 V	24 W	2300	3000K	80				
5ELAEN2T23244010				2500	4000K					
5ELAEN2T23245710				2500	5700K					
5ELAEN2T12323010	Φ175*25	120 V	32 W	2800	3000K	90	>0.95	<20%	<30%	Triac
5ELAEN2T12324010				3000	4000K					
5ELAEN2T12325710				3000	5700K					
5ELAEN2T23323010	Φ175*25	230 V	32 W	3150	3000K	80		<10%		
5ELAEN2T23324010				3300	4000K					
5ELAEN2T23325710				3300	5700K					

Triac Dimming

PLCC AC Module Series



Features

- High system efficiency
- Compatible with TRIAC dimmers
- High power factor (>0.95)
- Low THD (<20%)



Applications



Linear Type

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELALN2T12083001	98*32*1.6t	120 V	8 W	950	3000K	80	>0.95	<20%	100%	Triac
5ELALN2T12084001				800	4000K					
5ELALN2T12085701				850	5700K					
5ELALN2T12123001	192*32*1.6t	120 V	12 W	1100	3000K					
5ELALN2T12124001				1200	4000K					
5ELALN2T12125701				1300	5700K					
5ELALN2T12183001	288*32*1.6t	120 V	18 W	1650	3000K					
5ELALN2T12184001				1750	4000K					
5ELALN2T12185701				1850	5700K					
5ELALN2T12243001	576*32*1.6t	120 V	24 W	2350	3000K					
5ELALN2T12244001				2450	4000K					
5ELALN2T12245701				2550	5700K					

Circle Type

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACN2T12063005	Φ50*1.6t	120 V	6 W	540	3000K	80	>0.95	<20%	100%	Triac
5ELACN2T12064005				570	4000K					
5ELACN2T12065705				600	5700K					
5ELACN2T23063005	Φ50*1.6t	230 V	6 W	540	3000K					
5ELACN2T23064005				570	4000K					
5ELACN2T23065705				600	5700K					
5ELACN2T12123005	Φ70*1.6t	120 V	12 W	1080	3000K					
5ELACN2T12124005				1140	4000K					
5ELACN2T12125705				1200	5700K					
5ELACN2T23123005	Φ70*1.6t	230 V	12 W	1080	3000K					
5ELACN2T23124005				1140	4000K					
5ELACN2T23125705				1200	5700K					
5ELACN2T12183005	Φ100*1.6t	120 V	18 W	1620	3000K					
5ELACN2T12184005				1710	4000K					
5ELACN2T12185705				1800	5700K					
5ELACN2T23183005	Φ100*1.6t	230 V	18 W	1620	3000K					
5ELACN2T23184005				1710	4000K					
5ELACN2T23185705				1800	5700K					
5ELACN2T12243005	Φ120*1.6t	120 V	24 W	2160	3000K					
5ELACN2T12244005				2280	4000K					
5ELACN2T12245705				2400	5700K					
5ELACN2T23243005	Φ120*1.6t	230 V	24 W	2160	3000K					
5ELACN2T23244005				2280	4000K					
5ELACN2T23245705				2400	5700K					

Lear Type (Zhaga)

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELALN2T12243003	560*40*1.6t	120 V	24 W	2400	3000K	80	>0.95	<20%	100%	Triac
5ELALN2T12244003				2500	4000K					
5ELALN2T12245703				2600	5700K					
5ELALN2T23243003	560*40*1.6t	230 V	24 W	2400	3000K					
5ELALN2T23244003				2500	4000K					
5ELALN2T23245703				2600	5700K					

Flood Light

PLCC AC Module Series



Features

- Surge protection over 2KV (L-N)
- High efficiency (>105lm/W)
- High power factor (>0.95)
- Low THD (<10%)
- Power line regulation (<4%)

Applications



Flood light

Linear Type

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELALN2T23105702	82*65*7.7	230 V	10 W	950	5700K	80	>0.85	<15%	100%	-
5ELALN2T23105002				950	5000K					
5ELALN2T23104002				900	4000K					
5ELALN2T23102702				850	2700K					
5ELALN2T23305702	120*73*8.2	230 V	30 W	2850	5700K	80	>0.95	<10%		
5ELALN2T23305002				2850	5000K					
5ELALN2T23304002				2700	4000K					
5ELALN2T23302702				2600	2700K					
5ELALN2T23505702	168*100*9.8	230 V	50 W	5000	5700K	80	>0.95	<10%		
5ELALN2T23505002				5000	5000K					
5ELALN2T23504002				4850	4000K					
5ELALN2T23502702				4750	2700K					
5ELALN2T23455702	168*100*9.8	230 V	45 W	4850	5700K	80	>0.95	<10%		
5ELALN2T23455002				4850	5000K					
5ELALN2T23504002				4850	4000K					
5ELALN2T23502702				4500	2700K					

Tunable Dimming

PLCC AC Module Series



Features

- High system efficiency
- Compatible with TRIAC dimmers
- High power factor (>0.95)
- Low THD (<30%)

Applications



With the existing Triac dimmer, the module can provide 3-stage color dimming (2700K/ 4000K/ 5700K) and smooth brightness adjustment (from 10% to 100%)



Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
SELACN2T1224M606	Φ100*6.0	120 V	24 W	2100	2700K	80	>0.95	<30%	100%	Triac
				2400	4000K					
				2200	5700K					
SELACN2T2324M606	Φ100*6.0	230 V	24 W	2100	2700K	80	>0.95	<30%	100%	Triac
				2400	4000K					
				2200	5700K					

Radar integration module

PLCC AC Module Series



Features

- High system efficiency
- High efficiency (>90 lm/W)
- High power factor (>0.85)
- Low flicker (<10%)
- Built-In radar module

Applications



Flush Mount



Wall Light

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACN2T23105008	Φ125*14.5	230 V	10 W	1000	5000K	80	>0.85	<30%	<10%	-
5ELACN2T12105012	Φ82*10	120 V	10 W	900	5000K				100%	
5ELACN2T23105012	Φ82*10	230 V	10 W	900	5000K				100%	

Fan light module

PLCC AC Module Series



Features

- High system efficiency
- Compatible with TRIAC dimmers
- High efficiency (>90 lm/W)
- High power Factor (>0.95)
- Low flicker (<20%)
- UL listed NO.E476352

Applications



Flush Mount



Fan Light

Order Code	Dimension (mm)	Input Voltage	Power (W)	Typ. Flux(lm)	CCT	CRI (Ra)	PF	THD	Percent Flicker	Dimming
5ELACN2T12163008	Φ100*12.6	120 V	16 W	1440	3000K	90	>0.9	<20%	<20%	Triac
5ELACN2T12183008	Φ100*12.6	120 V	18 W	1650	3000K					

**Edison Opto Corporation
Taipei (Headquarter)**

4F, No.800, Chung-Cheng Rd., Chung-Ho
Dist, New Taipei City, Taiwan
Tel: +886 2 8227 6996
Fax: +886 2 8227 6997
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
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
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
service@edisonopto-usa.com