



- **TUBE** SERIES
- **PANEL LIGHT** SERIES



**NINGBO DONGLONG OPTOELECTRONIC
SCIENCE & TECHNOLOGY CO.,LTD**

Operational Address : Central South District, Andong Industrial Zone,
Cixi City, Ningbo, Zhejiang, China (Mainland)
Telephone : 0086-574-63479175
Fax : 0086-574-63472268
Website : www.dlteck.com dlteck.en.alibaba.com

NINGBO DONGLONG
OPTOELECTRONIC
SCIENCE & TECHNOLOGY CO.,LTD

Website : www.dlteck.com dlteck.en.alibaba.com



COMPANY INTRODUCTION

Established in 2006, Ningbo Donglong Optoelectronic Science & Technology Co., Ltd is located in Cixi , Ningbo City, Zhejiang Province.

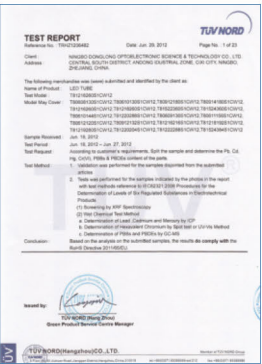
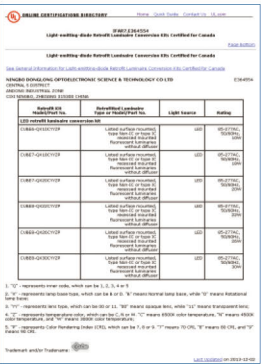
We are focusing on the manufacturing of LED lighting products, and has own partner factory, which is leading the SMD LED industry in China. We are engaged in LED tubes, LED panels, and special products could be customerized.

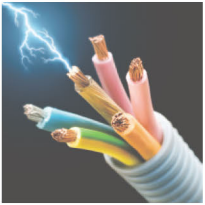
With modern corporation management system and QC system, our company is an all-around corporation which gathers design, exploitation, production and distribution.

Most of our products are CE, RoHS& TUV certified and SGS approved. With its high quality and reasonable prices, our products are well received in many countries and regions, including Europe, North & South America, Middle East and Southeast Asia, etc.

Our company insists people oriented, science oriented, credit standing oriented, and quality oriented, with the spirit of creative and enterprising to provide our customer better products and service.

Warmly welcome the global retailer, distributors to join us for a bright future.





NINGBO DONGLONG
OPTOELECTRONIC
SCIENCE & TECHNOLOGY CO.,LTD

TUBE SERIES

GLASS LED T8 TUBE	03
FULL PC LED T8 TUBE	05
ALUMINUM LED T8 TUBE	07
INTEGRATED LED TUBE VERSION	09
T5 LED TUBE VERSION	11

PANEL LIGHT SERIES

FRAMELESS BACKLIT LED PANEL VERSION	15
EDGE LIT LED PANEL	21
ROUND LED PANEL LIGHT	23
SQUARE LED PANEL LIGHT	25



TUBE SERIES

GLASS LED T8 TUBE

FULL PC LED T8 TUBE

ALUMINUM LED T8 TUBE

INTEGRATED LED TUBE VERSION

T5 LED TUBE VERSION

Commercial Lighting

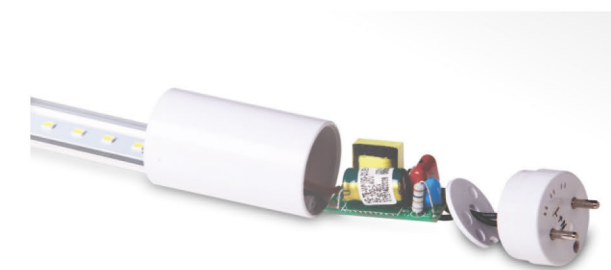
Office, Supermarket, Hotel, Exhibition Hall, etc.

Public Lighting

Residence, Car parking, Library, Hospitals, School,
MTR station, Train station, Bus station, Airport, etc

Industrial Lighting

Factory, Wharehouse, etc



GLASS LED T8 TUBE

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.



Features

- Material: Aluminum frame ensure long life time
- Light performance: Ultra Illuminance uniformity, high efficiency
- Energy saving : low power consumption , low heat , high level of brightness , uniform light—emitting , energy—saving about 50%
- Long lifespan : the normal lifespan of LED is above or equal to 30 000H
- Rapid start , steady work , no noise , no twinkling , can protect the eyes effectively
- Green and environmentally-friendly: LEDlamp has no ultraviolet or infrared radiation , containing no mercury , lead and heavy metal

Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC100-240V(EU)/AC100-277V(US)

PF:≥0.90 THD < 25 %

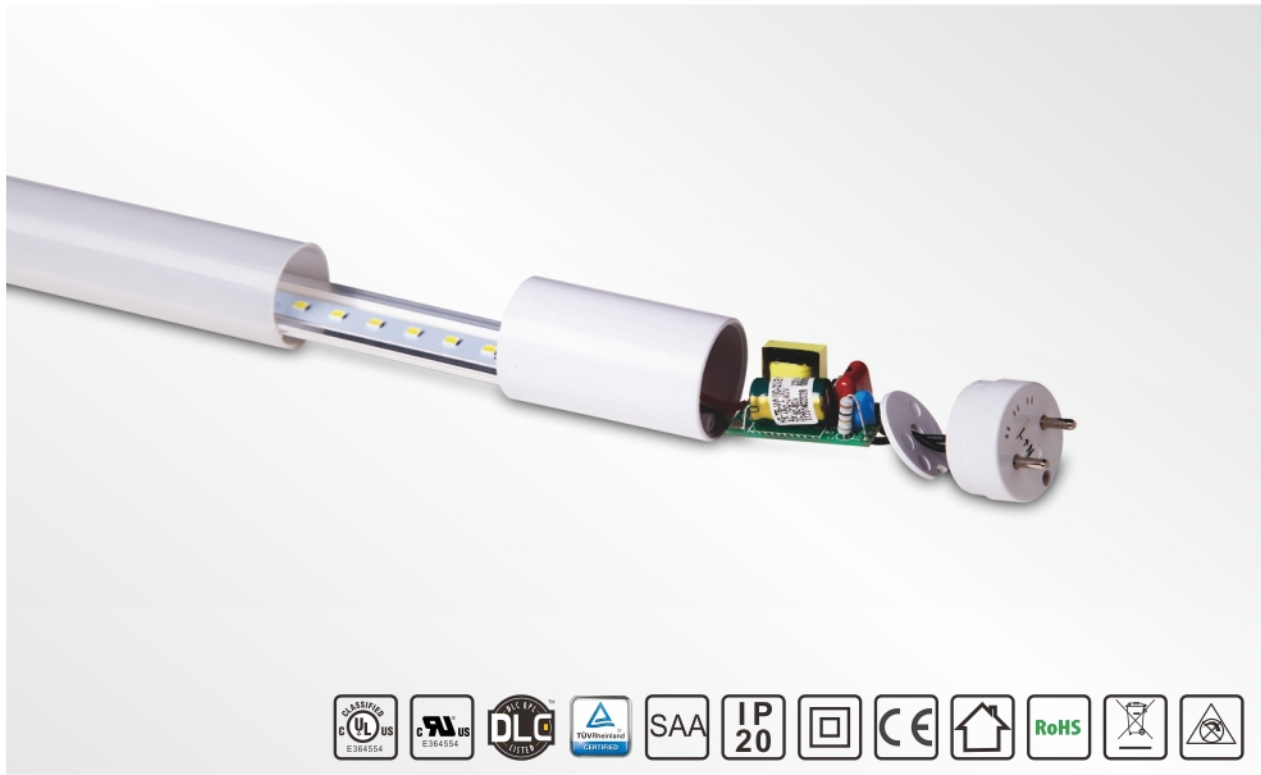


Specifications

Modle	Length	Color Temperature	Power	Luminous Flux	Efficiency	CRI	Beam Angle
CUBE T8 - 2G10C-001	600mm	3000-6500K	10W	1200LM	120LM/W	>80	140°
CUBE T8 - 2G10N-001							
CUBE T8 - 2G10W-001							
CUBE T8 - 4G18C-001	1200mm	3000-6500K	18W	2160LM	120LM/W	>80	140°
CUBE T8 - 4G18N-001							
CUBE T8 - 4G18W-001							
CUBE T8 - 4G22C-001	1200mm	3000-6500K	22W	2640LM	120LM/W	>80	140°
CUBE T8 - 4G22N-001							
CUBE T8 - 4G22W-001							
CUBE T8 - 5G22C-001	1500mm	3000-6500K	22W	2640LM	120LM/W	>80	140°
CUBE T8 - 5G22N-001							
CUBE T8 - 5G22W-001							
CUBE T8 - 5G32C-001	1500mm	3000-6500K	32W	3500LM	110LM/W	>80	140°
CUBE T8 - 5G32N-001							
CUBE T8 - 5G32W-001							
CUBE T8 - 6G40C-001	1800mm	3000-6500K	40W	1100LM	110LM/W	>80	140°
CUBE T8 - 6G40N-001							
CUBE T8 - 6G40W-001							

FULL PC LED T8 TUBE

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.



Features

- Energy-saving about 50%

Life Span:30.000 hours

CE RoHS,TUV approved

Virtually no UV or IR output
- PC cover with Aluminum channel inside

Fliker-free operation and turn-on

Electrical Shock Protection incorporated

Green and environmentally-friendly



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC100-240V(EU)/AC100-277V(US)

PF:≥0.90 THD <25%

Specifications

Model	Length(mm)	Power	Color Temperature	Luminous Efficiency	Lumens	CRI	Beam Angle
CUBE T8-2F10C-001	600	10W	3000-6500K	100LM/W	1000LM	>80	140°
CUBE T8-2F14C-001	600	14W	3000-6500K	100LM/W	1400LM	>80	140°
CUBE T8-3F16C-001	900	16W	3000-6500K	100LM/W	1600LM	>80	140°
CUBE T8-4F18C-001	1200	18W	3000-6500K	100LM/W	1800LM	>80	140°
CUBE T8-4F24C-001	1200	24W	3000-6500K	100LM/W	2400LM	>80	140°
CUBE T8-5F24C-001	1500	24W	3000-6500K	100LM/W	2400LM	>80	140°
CUBE T8-5F32C-001	1500	32W	3000-6500K	100LM/W	3200LM	>80	140°
CUBE T8-6F40C-001	1800	40W	3000-6500K	100LM/W	4000LM	>80	140°

ALUMINUM LED T8 TUBE

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.



Features

- Energy-saving about 50%

Aluminum housing with Aluminum PCB, better heat dissipation

Single end power and electronic shock ensure safety

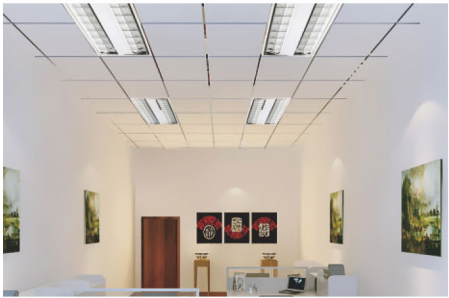
Isolated driver inside

LED life time of 50.000 hours
- Fliker-free operation and turn-on

Green and environmentally-friendly

CE RoHS,TUV CUL and UL approve

Virtually no UV or IR output



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC100-240V(EU)/AC100-277V(US)

PF:≥0.90 THD < 15%

Specifications

Model	Length(mm)	Power	Color Temperature	Luminous Efficiency	Lumens	CRI	Beam Angle
CUBE6-1B08C00C8	600	8W	3000-6500K	110LM/W	880LM	>80	130°
CUBE6-1B10C00C8	600	10W	3000-6500K	110LM/W	1100LM	>80	130°
CUBE9-1B12C00C8	900	12W	3000-6500K	110LM/W	1320LM	>80	130°
CUBE9-1B14C00C8	900	14W	3000-6500K	110LM/W	1540LM	>80	130°
CUBE7-1B14C00C8	1200	14W	3000-6500K	110LM/W	1540LM	>80	130°
CUBE7-1B16C00C8	1200	16W	3000-6500K	110LM/W	1760LM	>80	130°
CUBE7-1B18C00C8	1200	18W	3000-6500K	110LM/W	1980LM	>80	130°
CUBE7-1B20C00C8	1200	20W	3000-6500K	110LM/W	2200LM	>80	130°
CUBE8-1B22C00C8	1500	22W	3000-6500K	110LM/W	2420LM	>80	130°
CUBE8-1B24C00C8	1500	24W	3000-6500K	110LM/W	2640LM	>80	130°
CUBE8-1B26C00C8	1500	26W	3000-6500K	110LM/W	2860LM	>80	130°
CUBE8-1B30C00C8	1500	30W	3000-6500K	110LM/W	3300LM	>80	130°

INTEGRATED LED TUBE VERSION

T5 Integrated LED Tube T8 Integrated LED Tube

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.



Features

- Energy-saving about 50%
- LED lifetime of 30.000 hours
- Virtually no UV or IR output
- CE ROHS approve
- Fliker-free operation and turn-on
- Electrical Shock Protection incorporated
- Green and environmentally-friendly



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC100-240V(EU)/AC100-277V(US)

PF:≥0.90 THD < 25%

Specifications

Model	Length(mm)	Power	Color Temperature	Luminous Efficiency	Lumens	CRI	Beam Angle
CUBE T5-2C10C-001	549	10W	3000-6500K	95LM/W	950LM	>80	120°
CUBE T5-3C16C-001	849	16W	3000-6500K	95LM/W	1520LM	>80	120°
CUBE T5-4C18C-001	1149	18W	3000-6500K	95LM/W	1710LM	>80	120°
CUBE T5-5C24C-001	1449	24W	3000-6500K	95LM/W	2280LM	>80	120°
CUBE T8-2C10C-001	600	10W	3000-6500K	100LM/W	1000LM	>80	130°
CUBE T8-3C16C-001	900	16W	3000-6500K	100LM/W	1600LM	>80	130°
CUBE T8-4C18C-001	1200	18W	3000-6500K	100LM/W	1800LM	>80	130°
CUBE T8-5C24C-001	1500	24W	3000-6500K	100LM/W	2400LM	>80	130°

T5 LED TUBE VERSION

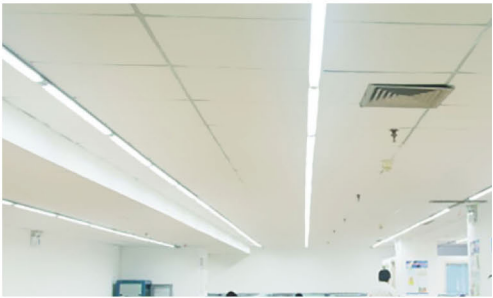
T5 LED Tube with external driver T5 LED tube with internal driver

DATE subject to change.Copyright©2011-2016
Donglong Technologies.All right reserved.



Features

- Energy-saving about 50%
- LED lifetime of 30.000 hours
- Virtually no UV or IR output
- CE ROHS approve
- Fliker-free operation and turn-on
- Electrical Shock Protection incorporated
- Green and environmentally-friendly



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC100-240V(EU)/AC100-277V(US)

PF:≥0.90 THD < 25 %

Specifications Of T5 External Driver

Model	Length(mm)	Power	Color Temperature	Luminous Efficiency	Lumens	CRI	Beam Angle
CUBE T5-2M10C-001	549	10W	3000-6500K	95LM/W	950LM	>80	120°
CUBE T5-3M16C-001	849	16W	3000-6500K	95LM/W	1520LM	>80	120°
CUBE T5-4M18C-001	1149	18W	3000-6500K	95LM/W	1710LM	>80	120°
CUBE T5-5M24C-001	1449	24W	3000-6500K	95LM/W	2280LM	>80	120°

Specifications Of T5 Internal Driver

PF:≥0.90 THD < 20 % Power Efficiency:≥0.87

Model	Length(mm)	Power	Voltage	Efficiency	Luminous Flux
EU Version					
CUBE T5-2E10C-001	600	10W	AC230v/50-60Hz	80LM/W	800LM
CUBE T5-4E20C-001	900	20W	AC230v/50-60Hz	80LM/W	1600LM
North America Version					
CUBE T5-2N10C-001	1200	10W	AC120v/50-60Hz	80LM/W	800LM
CUBE T5-4N17C-001	1500	17W	AC120v/50-60Hz	80LM/W	1360LM



PANEL LIGHT SERIES

FRAMELESS BACKLIT LED PANEL VERSION

EDGE LIT LED PANEL

ROUND LED PANEL LIGHT

SQUARE LED PANEL LIGHT

Commercial Lighting

Office, Supermarket, Hotel, Exhibition Hall, etc.

Public Lighting

Residence, Car parking, Library, Hospitals, School,
MTR station, Train station, Bus station, Airport, etc

Industrial Lighting

Factory, Warehouse, etc



FRAMELESS BACKLIT LED PANEL VERSION

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.

600x1200mm



Features

- Premium frameless appearance,boasting even lower wattage and higher efficacy
- Material: Aluminum frame ensure long life time
- Light performance: Ultra Illuminance uniformity, high efficiency
- Energy saving : low power consumption , low heat , high level of brightness , uniform light—emitting , energy—saving about 50%
- Long lifespan : the normal lifespan of LED is above or equal to 50 000H 5 years warranty
- Rapid start , steady work , no noise , no twinkling , can protect the eyes effectively
- Green and environmentally-friendly: LED lamp has no ultraviolet or infrared radiation , containing no mercury , lead and heavy metal



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC220-240V(EU)/AC100-277V(US)

PF:≥0.90

Specifications

Item	Dimension	Current	Power	Luminous Flux(Typical)	Efficiency(Typical)	CRI	Beam Angle
Standard Version							
D612L50W45C48EU-01	595*1195mm	1050mA	45W	5000lm	110lm/w	>80	120°
D612L70W64C48EU-01	595*1195mm	1400mA	64W	7000lm	110lm/w	>80	120°
D612L50W45C48US-01	603*1212mm	1050mA	45W	5000lm	110lm/w	>80	120°
D612L70W64C48US-01	603*1212mm	1400mA	64W	7000lm	110lm/w	>80	120°
High Performance 140lm/w Version							
D612L50W35C48EU-01	595*1195mm	900mA	35W	5000lm	140lm/w	>80	120°
D612L70W70C48EU-01	595*1195mm	1200mA	50W	7000lm	140lm/w	>80	120°
D612L50W35C48US-01	603*1212mm	900mA	35W	5000lm	140lm/w	>80	120°
D612L70W50C48US-01	603*1212mm	1200mA	50W	7000lm	140lm/w	>80	120°

FRAMELESS BACKLIT LED PANEL VERSION

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.

600x600mm



Features

- Premium frameless appearance,boasting even lower wattage and higher efficacy
- Material: Aluminum frame ensure long life time
- Light performance: Ultra Illuminance uniformity, high efficiency
- Energy saving : low power consumption , low heat , high level of brightness , uniform light—emitting , energy—saving about 50%
- Long lifespan : the normal lifespan of LED is above or equal to 50 000H 5 years warranty
- Rapid start , steady work , no noise , no twinkling , can protect the eyes effectively
- Green and environmentally-friendly: LED lamp has no ultraviolet or infrared radiation , containing no mercury , lead and heavy metal



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC220-240V(EU)/AC100-277V(US)

PF:≥0.90

Specifications

Item	Dimension	Current	Power	Luminous Flux(Typical)	Efficiency(Typical)	CRI	Beam Angle
Standard Version							
D66L25W23C48EU-01	595*595mm	500mA	23W	2500lm	110lm/w	>80	120°
D66L35W32C48EU-01	595*595mm	700mA	32W	3500lm	110lm/w	>80	120°
D66L28W25C48US-01	603*603mm	500mA	25W	2800lm	110lm/w	>80	120°
D66L35W32C48US-01	603*603mm	500mA	32W	3500lm	110lm/w	>80	120°
High Performance 140lm/w Version							
D66L25W18C48EU-01	595*595mm	350mA	18W	2500lm	140lm/w	>80	120°
D66L35W25C48EU-01	595*595mm	500mA	25W	3500lm	140lm/w	>80	120°
D66L28W20C48US-01	603*603mm	350mA	20W	2800lm	140lm/w	>80	120°
D66L35W25C48US-01	603*603mm	500mA	25W	3500lm	140lm/w	>80	120°

FRAMELESS BACKLIT LED PANEL VERSION

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.

300x1200mm



Features

- Premium frameless appearance,boasting even lower wattage and higher efficacy
- Material: Aluminum frame ensure long life time
- Light performance: Ultra Illuminance uniformity, high efficiency
- Energy saving : low power consumption , low heat , high level of brightness , uniform light—emitting , energy—saving about 50%
- Long lifespan : the normal lifespan of LED is above or equal to 50 000H 5 years warranty
- Rapid start , steady work , no noise , no twinkling , can protect the eyes effectively
- Green and environmentally-friendly: LED lamp has no ultraviolet or infrared radiation , containing no mercury , lead and heavy metal



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC220-240V(EU)/AC100-277V(US)

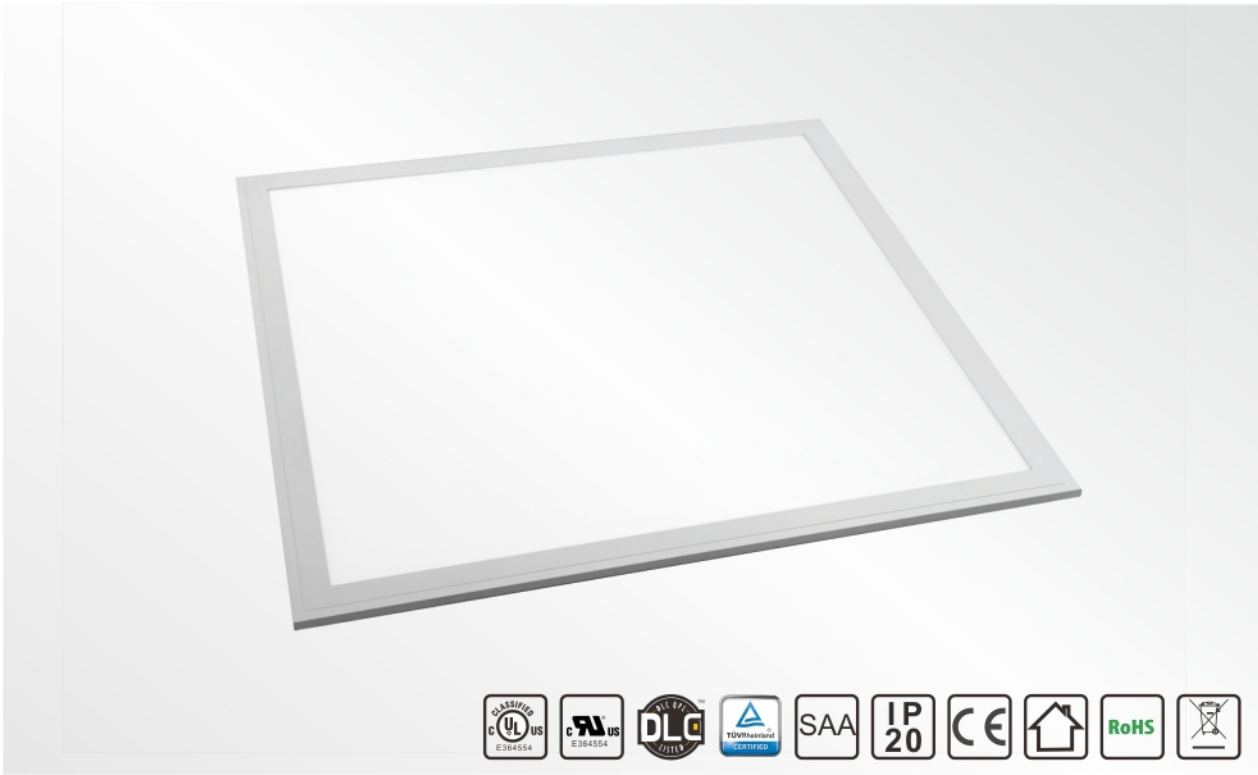
PF:≥0.90

Specifications

Item	Dimension	Current	Power	Luminous Flux(Typical)	Efficiency(Typical)	CRI	Beam Angle
Standard Version							
D312L25W23C48EU-01	295*1195mm	500mA	23W	2500lm	110lm/w	>80	120°
D312L35W32C48EU-01	295*1195mm	700mA	32W	3500lm	110lm/w	>80	120°
D312L28W25C48US-01	298*1212mm	500mA	25W	2800lm	110lm/w	>80	120°
D312L35W32C48US-01	298*1212mm	700mA	32W	3500lm	110lm/w	>80	120°
High Performance 140lm/w Version							
D312L25W18C48EU-01	295*1195mm	350mA	18W	2500lm	140lm/w	>80	120°
D312L35W25C48EU-01	295*1195mm	500mA	25W	3500lm	140lm/w	>80	120°
D312L28W20C48US-01	298*1212mm	350mA	20W	2800lm	140lm/w	>80	120°
D312L35W25C48US-01	298*1212mm	500mA	25W	3500lm	140lm/w	>80	120°

EDGELIT LED PANEL

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.



Features

- Material : Aluminum frame ensure long life time
- Light performance : Ultra Illuminance uniformity, high efficiency
- Energy saving : low power consumption , low heat , high level of brightness , uniform light—emitting , energy—saving about 50%
- Long lifespan : the normal lifespan of LED is above or equal to 50 000H 5 years warranty
- Rapid start , steady work , no noise , no twinkling , can protect the eyes effectively
- Green and environmentally-friendly : LED lamp has no ultraviolet or infrared radiation , containing no mercury , lead and heavy metal



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC220-240V(EU)/AC100-277V(US)

PF:≥0.90

Specifications

Item	Dimension	Current	Power	Luminous Flux(Typical)	Efficiency(Typical)	CRI	Beam Angle
Standard Version							
E66L36W40C48EU-01	595*595	40W	3000-6500K	3600LM	90LM/W	>80	115°
E66L45W50C48EU-01	595*595	50W	3000-6500K	4500LM	90LM/W	>80	115°
E66L54W60C48EU-01	595*595	60W	3000-6500K	5400LM	90LM/W	>80	115°
E312L40W45C48EU-01	295*1195	45W	3000-6500K	3800LM	90LM/W	>80	115°
E312L45W50C48EU-01	295*1195	50W	3000-6500K	4250LM	90LM/W	>80	115°
E66L36W40C48GE-01	620*620	40W	3000-6500K	3600LM	90LM/W	>80	115°
E612L50W60C48EU-01	595*1195	60W	3000-6500K	5000LM	90LM/W	>80	115°
High Performance 110lm/w Version							
E66L28W25C48EU-01	595*595	25W	3000-6500K	2800LM	110LM/W	>80	115°
E66L35W32C48EU-01	595*595	32W	3000-6500K	3500LM	110LM/W	>80	115°
E66L28W25C48US-01	603*603	25W	3000-6500K	2800LM	110LM/W	>80	115°
E66L35W32C48US-01	603*603	32W	3000-6500K	3500LM	110LM/W	>80	115°

ROUND LED PANEL LIGHT

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.



Features

- Ultra thin LED panel, can replace the down light directly
- AL6063 Aluminum frame for better heat dissipation
- Replace the old downlight system directly
- Rapid start , steady work , no noise , no twinkling , can protect the eyes effectively
- Green and environmentally-friendly: LED lamp has no ultraviolet or infrared radiation , containing no mercury , lead and heavy metal



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC220-240V(EU)/AC100-277V(US)

PF:≥0.80

Specifications

Model	Power	Product Size	Mounting Hole	CCT	Luminous Flux	CRI	Beam Angle
C86L27W03C48EU-01	3W	Φ86mm	Φ70mm	3000-6500K	210LM	>80	115°
C120L54W06C48EU-01	6W	Φ120.5mm	Φ108mm	3000-6500K	540LM	>80	115°
C145L81W09C48EU-01	9W	Φ145.5mm	Φ134mm	3000-6500K	810LM	>80	115°
C174L11W12C48EU-01	12W	Φ174mm	Φ161mm	3000-6500K	1080LM	>80	115°
C200L13W15C48EU-01	15W	Φ200mm	Φ175mm	3000-6500K	1350LM	>80	115°
C240L16W18C48EU-01	18W	Φ240mm	Φ225mm	3000-6500K	1620LM	>80	115°

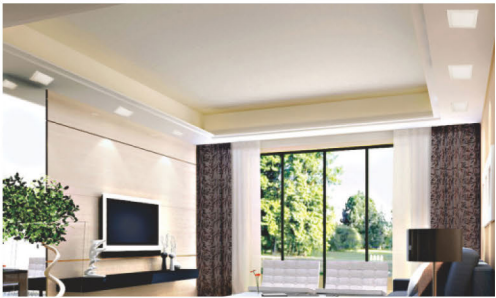
SQUARE LED PANEL LIGHT

DATE subject to change.Copyright@2011-2016
Donglong Technologies.All right reserved.



Features

- Ultra thin LED panel, can replace the down light directly
- AL6063 Aluminum frame for better heat dissipation
- Replace the old downlight system directly
- rapid start , steady work , no noise , no twinkling , can protect the eyes effectively
- Green and environmentally-friendly: LED lamp has no ultraviolet or infrared radiation , containing no mercury , lead and heavy metal



Temperature Characteristics T-ambient 25°

Temperature		Humidity	
Operating	-20~+45℃	Operating	10%~80%
Storage	-40~+85℃	Storage	10%~80%

Electrical Characteristics

Input Voltage:AC220-240V(EU)/AC100-277V(US)

PF:≥0.80

Specifications

Model	Power	Size	Hole	CCT	Flux	Ra	Beam Angle
E86L27W03C48EU-01	3W	86*86mm	70*70mm	2800-6500K	270LM	>70	115°
E120L54W06C48EU-01	6W	120*120mm	108*108mm	2800-6500K	540LM	>70	115°
E145L81W09C48EU-01	9W	150*150mm	134*134mm	2800-6500K	810LM	>70	115°
E174L11W12C48EU-01	12W	172*172mm	161*161mm	2800-6500K	1080LM	>70	115°
E200L13W15C48EU-01	15W	200*200mm	175*175mm	2800-6500K	1350LM	>70	115°
E240L16W18C48EU-01	18W	240*240mm	225*225mm	2800-6500K	1620LM	>70	115°