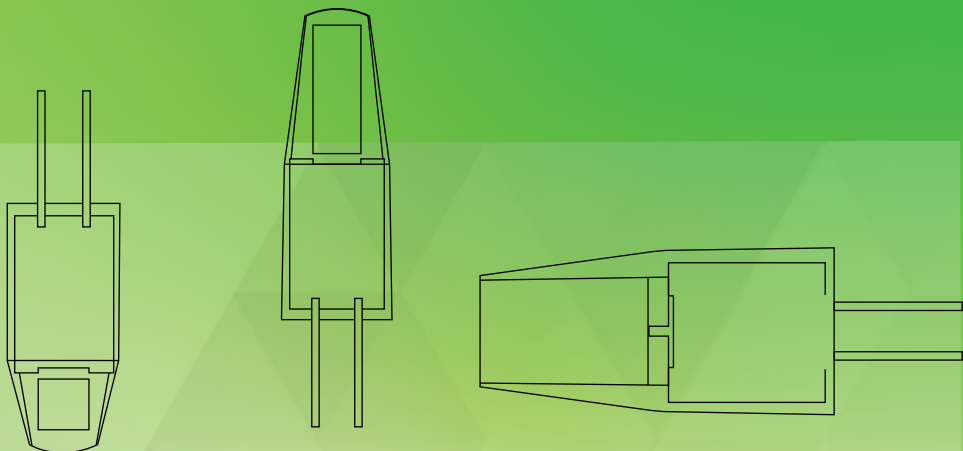
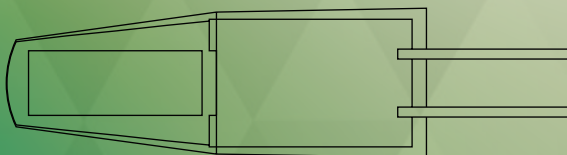
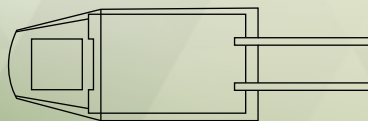
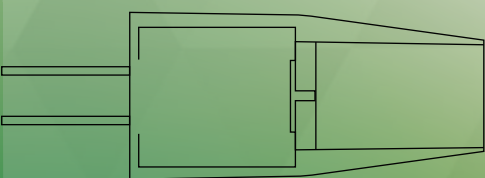




LeDiamond

ideas for lighting

LED Lamp Catalog



www.lediamond.com.tw

ABOUT LEDIAMOND

Company Profile

LeDiamond Opto Corporation was established in 2013, and located in Taipei, Taiwan.

We are a manufacturer devoted to COB components at first. Later, we applied our mature COB technology to G4 and G9 lamps and successfully became the pioneer to provide LED solutions for traditional halogen lamps.

We are committed to providing high-quality & best service to every customer, we will keep innovating and offering new products to reach our business goal.



LeDiamond Opto Corporation



8F, No.80, Sec.2,
Guangfu Rd., Sanchong Dist.,
New Taipei City 24158, Taiwan



+886-2-29958557



support@lediamond-opto.com.tw



www.lediamond.com.tw



ABOUT LEDIAMOND

Quality

To provide customers with high-quality and reliable products, every inspection on every procedure will be conducted strictly.

Besides, we follow international regulations like ETL, CE(LVD, EMC), ERP, and RoHS to keep our certificates updated, and guarantee sales at our customers' local markets.



ERP



Warranty

LeDiamond products are suggested for indoor use only. The lifetime can be extended by appropriate application.

We provide 2 years warranty for our products based on normal use.

We understand an excellent after-service can bring our business closer, if any information or assistance needed, please feel free to reach us by mail or phone call.



ABOUT LEDIAMOND

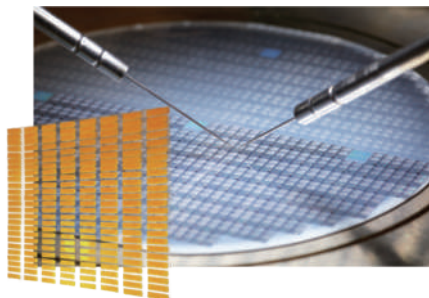
Customization Service

LeDiamond has an innovative R&D team and advanced manufacturing technology. We use the integration of supply chain and customization advantages to provide our clients with a complete and highly efficient service.

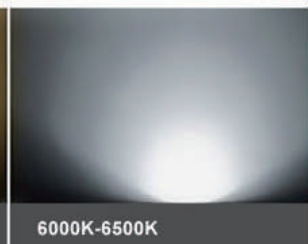
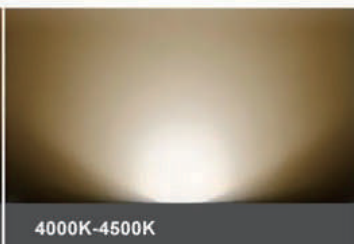
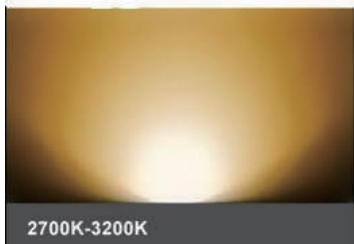
We welcome any customization!



Optional Packing



Optional CRI (>80/90)



Optional CCT

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G4 0705

Volts	AC/DC 12V
Watts	1.1 W
Lumen	110 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	10 W
Base	G4
Housing	Silicone
Dimmable	Yes
Dimension	Ø9.5*30 mm
Net weight	2.0 g

G4 0705-E

Volts	AC/DC 12V
Watts	1.0 W
Lumen	100 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	10 W
Base	G4
Housing	Silicone
Dimmable	No
Dimension	Ø11*33 mm
Net weight	2.0 g



ERP



RoHS



ERP



RoHS



G4 1505

Volts	AC/DC 12V
Watts	1.6 W
Lumen	180 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	20 W
Base	G4
Housing	Silicone
Dimmable	Yes
Dimension	Ø9.5*37.5 mm
Net weight	2.2 g

G4 1505-E

Volts	AC/DC 12V
Watts	1.5 W
Lumen	150 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	20 W
Base	G4
Housing	Silicone
Dimmable	No
Dimension	Ø11*37.5 mm
Net weight	2.3 g



ERP ✓RoHS



CE ERP ✓RoHS



G4 1508

Volts	AC/DC 12V
Watts	2.3 W
Lumen	260 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	20 W
Base	G4
Housing	Silicone
Dimmable	Yes
Dimension	Ø12.5*37 mm
Net weight	3 g

G4 1508-E

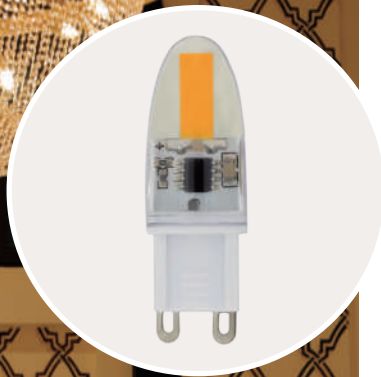
Volts	AC/DC 12V
Watts	1.9 W
Lumen	210 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	20 W
Base	G4
Housing	Silicone
Dimmable	No
Dimension	Ø13.3*41 mm
Net weight	3.4 g



ERP ✓RoHS



ERP ✓RoHS



G4 2508

Volts	AC/DC 12V
Watts	3 W
Lumen	330 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	30 W
Base	G4
Housing	Silicone
Dimmable	Yes
Dimension	Ø14*52 mm
Net weight	5.2 g

G9 1505

Volts	110V
Watts	1.7 W
Lumen	180 lm
CRI	> 80
CCT	2700 K
Power factor	0.9
Equiv. power	20 W
Base	G9
Housing	PC
Dimmable	Yes
Dimension	Ø16*48 mm
Net weight	5.2 g





G9 1505-E

Volts	220V
Watts	1.9 W
Lumen	190 lm
CRI	> 80
CCT	2700 K
Power factor	0.9
Equiv. power	20 W
Base	G9
Housing	PC
Dimmable	Yes
Dimension	Ø16.5*49.5 mm
Net weight	5.2 g

G9 1508

Volts	110/220V
Watts	2.4 W
Lumen	260 lm
CRI	> 80
CCT	2700 K
Power factor	0.9
Equiv. power	25 W
Base	G9
Housing	PC+Ceramic
Dimmable	Yes
Dimension	Ø16.4*52 mm
Net weight	9 g



G9 2609-D

Volts	110/220V
Watts	3.3 W
Lumen	350 lm
CRI	> 80
CCT	2700 K
Power factor	0.9
Equiv. power	35 W
Base	G9
Housing	PC+Ceramic
Dimmable	Yes
Dimension	Ø17.6*62 mm
Net weight	13.5 g

G9 2609-TRI

Volts	110/220V
Watts	3.3 W
Lumen	330 lm
CRI	> 80
CCT	3 CCT
Power factor	0.9
Equiv. power	35 W
Base	G9
Housing	PC+Ceramic
Dimmable	Yes
Dimension	Ø16.6*62 mm
Net weight	13.5 g



Royal Series



MR11

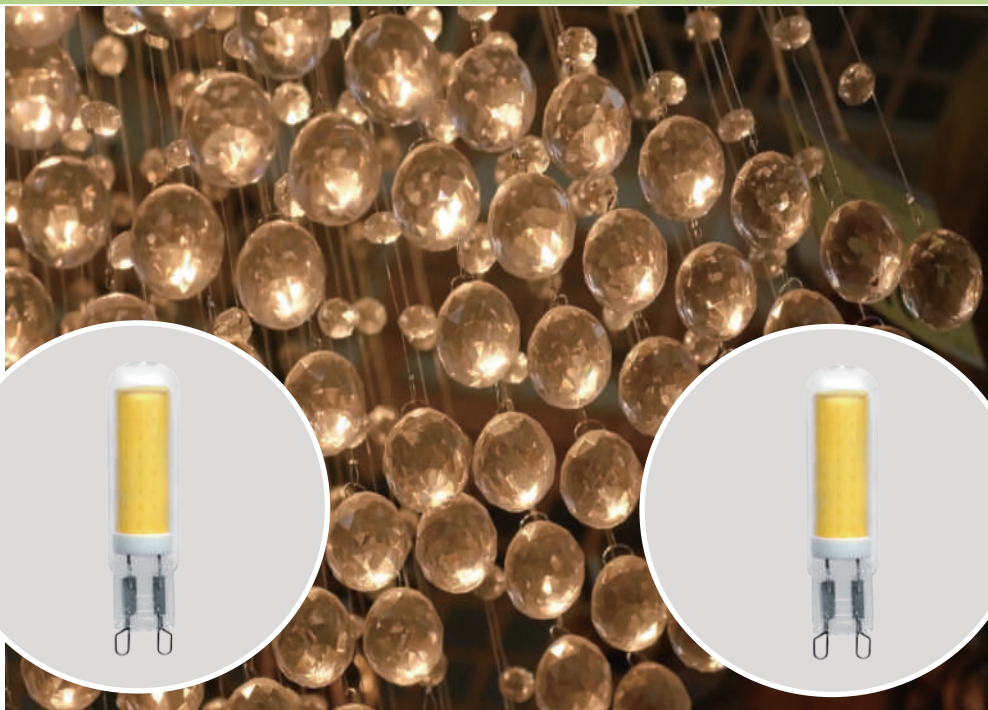
Volts	AC/DC 12V
Watts	1.8 W
Lumen	180 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	20 W
Base	GU4
Housing	Glass
Dimmable	Yes
Dimension	Ø34.5*34 mm
Net weight	12 g

MR16/GU10-1514

Volts	AC/DC 12V / 220V
Watts	3.2 W
Lumen	400 lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	30 W
Base	GU 5.3 / GU10
Housing	Glass+Ceramic
Dimmable	Yes
Dimension	Ø50*46 / Ø50*55mm
Net weight	27.5 / 39 g

CE ERP  RoHS

CE  RoHS



G9 Glass 2W

Volts	110/220V
Watts	2 W
Lumen	230 lm
CRI	> 80
CCT	2700 K
Power factor	0.5
Equiv. power	20 W
Base	G9
Housing	Glass
Dimmable	Yes
Dimension	Ø16*63 mm
Net weight	9 g

G9 Glass 4W

Volts	110/220V
Watts	4 / 4.2 W
Lumen	400 / 470 lm
CRI	> 80
CCT	2700 K
Power factor	0.5
Equiv. power	40 W
Base	G9
Housing	Glass
Dimmable	Yes
Dimension	Ø16*63 mm
Net weight	12 g



R7S Glass 4W

Volts	110/220V
Watts	4 / 4.2 W
Lumen	400 / 470 lm
CRI	> 80
CCT	2700 K
Power factor	0.5
Equiv. power	40 W
Base	R7S
Housing	Glass
Dimmable	Yes
Dimension	Ø16.3*78 mm
Net weight	16 g

R7S Glass 8W

Volts	110/220V
Watts	7.6 W
Lumen	800 / 850lm
CRI	> 80
CCT	2700 K
Power factor	0.7
Equiv. power	80 W
Base	R7S
Housing	Glass
Dimmable	Yes
Dimension	Ø16.3*118 mm
Net weight	25 g

Smart Bulb RGB+CCT



RGBCW-A60-9W

Volts	110/220V	Power factor	> 0,5
Watts	9 W	Housing	Plastic Aluminum +PC
Lumen	820 lm	Dimmable	RGB+CW
CRI	> 80	Dimension	Ø60*115 mm
Base	E26 / E27	Net weight	40 g
Connect	WiFi & Bluetooth / Beacon / Zigbee		



RGBCW-A70-12W

Volts	110/220V	Power factor	> 0,5
Watts	12 W	Housing	Plastic Aluminum +PC
Lumen	1200 lm	Dimmable	RGB+CW
CRI	> 80	Dimension	Ø70*128 mm
Base	E26 / E27	Net weight	55 g
Connect	WiFi & Bluetooth / Beacon / Zigbee		



RGBCW-GU10-5W

Volts	110/220V	Power factor	> 0,5
Watts	5 W	Housing	Plastic Aluminum +PC
Lumen	350 lm	Dimmable	RGB+CW
CRI	> 80	Dimension	Ø50*55 mm
Base	GU10	Net weight	22 g
Connect	WiFi & Bluetooth / Beacon / Zigbee		



RGBCW-C37-5W

Volts	110/220V	Power factor	> 0,5
Watts	5 W	Housing	Plastic Aluminum +PC
Lumen	470 lm	Dimmable	RGB+CW
CRI	> 80	Dimension	Ø37*105 mm
Base	E12 / E14	Net weight	21 g
Connect	WiFi & Bluetooth / Beacon / Zigbee		

G4 SMD

No Flicker



ERP

G4-2835W-10LED

Volts	AC/DC 12V	Power factor	> 0.6
Watts	1.3 W	Housing	Silicone
Lumen	140 lm	Dimmable	No
CRI	> 80	Dimension	Ø10*37 mm
Base	G4	Net weight	2.3 g
CCT	2700K 4000K 6500K		



ERP

G4-2835W-20LED

Volts	AC/DC 12V	Power factor	> 0.6
Watts	2.1 W	Housing	Silicone
Lumen	230 lm	Dimmable	No
CRI	> 80	Dimension	Ø13*37 mm
Base	G4	Net weight	3 g
CCT	2700K 4000K 6500K		



ETL
ERP

G4-3014W-48LED

Volts	AC/DC 12V	Power factor	> 0.6
Watts	1.9 W	Housing	Silicone
Lumen	190 lm	Dimmable	No
CRI	> 80	Dimension	Ø13*37.2 mm
Base	G4	Net weight	4.5 g
CCT	2700K 4000K 6500K		



G4-4014-63LED

Volts	AC/DC 12V	Power factor	> 0.6
Watts	3.1 W	Housing	Ceramic+PC
Lumen	330 lm	Dimmable	No
CRI	> 80	Dimension	Ø16.5*44 mm
Base	G4	Net weight	10.9 g
CCT	2700K 4000K 6500K		

GY6.35 & G8

No Flicker



GY6.35-1508

Volts	AC/DC 12V	Power factor	> 0.7
Watts	2.3 W	Housing	Silicone
Lumen	260 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø13*38 mm
Base	GY6.35	Net weight	3 g
CCT	2700K	4000K	6500K



GY6.35-2835-20LED

Volts	AC/DC 12V	Power factor	> 0.7
Watts	2.4 W	Housing	Silicone
Lumen	240 lm	Dimmable	No
CRI	> 80	Dimension	Ø12.5*37 mm
Base	GY6.35	Net weight	4.5 g
CCT	2700K	4000K	6500K



G8-2835-16LED

Volts	110V	Power factor	> 0.5
Watts	1.3 W	Housing	Silicone
Lumen	190 lm	Dimmable	No
CRI	> 80	Dimension	Ø13*40 mm
Base	G8	Net weight	2.8 g
CCT	2700K	4000K	6500K



G8-3014-48LED

Volts	110V	Power factor	> 0.95
Watts	1.8 W	Housing	Silicone
Lumen	150 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø13*36.5 mm
Base	G8	Net weight	4.7 g
CCT	2700K	4000K	6500K

G9 SMD

No Flicker



ERP

G9-2835-32LED

Volts	110/220V	Power factor	> 0,95
Watts	3 W	Housing	Ceramic+PC
Lumen	300 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø17*49 mm
Base	G9	Net weight	9,6 g
CCT	2700K	4000K	6500K



ERP

G9-2835-88LED

Volts	110/220V	Power factor	> 0,95
Watts	4,1 W	Housing	PC
Lumen	420 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø18*61 mm
Base	G9	Net weight	20,5 g
CCT	2700K	4000K	6500K



ERP

G9-2835-64LED

Volts	110/220V	Power factor	> 0,5
Watts	5 W	Housing	Ceramic+PC
Lumen	500 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø16*50 mm
Base	G9	Net weight	12 g
CCT	2700K	4000K	6500K



ERP

G9-2835-100LED

Volts	100-265V	Power factor	> 0,5
Watts	5,5 W	Housing	Ceramic+PC
Lumen	740 lm	Dimmable	No
CRI	> 80	Dimension	Ø18,6*68,3 mm
Base	G9	Net weight	23,7 g
CCT	2700K	4000K	6500K

E12/E14 SMD

No Flicker



E12-2835-34LED

Volts	110V	Power factor	> 0,95
Watts	3,1 W	Housing	Ceramic+PC
Lumen	360 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø16.5*54.5 mm
Base	E12	Net weight	13 g
CCT	2700K	4000K	6500K



E12/E14-2835-88LED

Volts	110V	Power factor	> 0,95
Watts	4,1 W	Housing	Ceramic+PC
Lumen	420 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø18.5*66.5 mm
Base	E12 / E14	Net weight	22,4 g
CCT	2700K	4000K	6500K



Tricolor

E12-2835-88LED TRI

Volts	110V	Power factor	> 0,5
Watts	4 W	Housing	Ceramic+PC
Lumen	430 lm	Dimmable	Tricolor
CRI	> 80	Dimension	Ø18.5*67 mm
Base	E12	Net weight	21 g
CCT	2800K	3800K	5600K



E14-2835-54LED

Volts	100-265V	Power factor	> 0,5
Watts	3,2 W	Housing	Ceramic+PC
Lumen	400 lm	Dimmable	No
CRI	> 80	Dimension	Ø16.5*56 mm
Base	E14	Net weight	12,8 g
CCT	2700K	4000K	6500K

B15 SMD

No Flicker



B15-4014-63LED

Volts	AC/DC 12-24V	Power factor	> 0.7
Watts	3.2 W	Housing	Ceramic+PC
Lumen	240 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø17*38.8 mm
Base	BA15S/D	Net weight	15.2 g
CCT	2700K	4000K	6500K



B15-2835-34LED

Volts	110/220V	Power factor	> 0.95
Watts	3.1 W	Housing	Ceramic+PC
Lumen	360 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø16.5*56 mm
Base	BA15D	Net weight	13 g
CCT	2700K	4000K	6500K



B15-2835-88LED

Volts	110/220V	Power factor	> 0.95
Watts	4.1 W	Housing	Ceramic+PC
Lumen	420 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø18.5*64.5 mm
Base	BA15D	Net weight	22.5 g
CCT	2700K	4000K	6500K



B15-2835-54LED Z

Volts	100-265V	Power factor	> 0.5
Watts	3.1 W	Housing	Ceramic+PC
Lumen	400 lm	Dimmable	No
CRI	> 80	Dimension	Ø16.5*56 mm
Base	BA15D	Net weight	15.8 g
CCT	2700K	4000K	6500K

MR16/GU10

No Flicker



Beam angle: 38° / 120°

MR16-2835-6LED-P

Volts	AC/DC 12V	Power factor	> 0.5
Watts	4.7 W	Plastic coated aluminum	
Lumen	450 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø50*46 mm
Base	GU5,3	Net weight	44 g
CCT	2700K	4000K	6500K



Beam: 15° / 24° / 38° / 45° / 60°

MR16-1313-5W

Volts	AC/DC 12V	Power factor	> 0.7
Watts	5 W	Plastic coated aluminum	
Lumen	500 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø50*52 mm
Base	GU5,3	Net weight	40 g
CCT	2700K	4000K	6500K



Beam angle: 38° / 120°

GU10-2835-7LED-P

Volts	110/220V	Power factor	> 0.5
Watts	5 W	Plastic coated aluminum	
Lumen	500 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø50*55 mm
Base	GU10	Net weight	44.9 g
CCT	2700K	4000K	6500K



Beam: 15° / 24° / 38° / 45° / 60°

GU10-1313-5W

Volts	110/220V	Power factor	> 0.9
Watts	5 W	Plastic coated aluminum	
Lumen	500 lm	Dimmable	Yes
CRI	> 80	Dimension	Ø50*55 mm
Base	GU10	Net weight	40 g
CCT	2700K	4000K	6500K

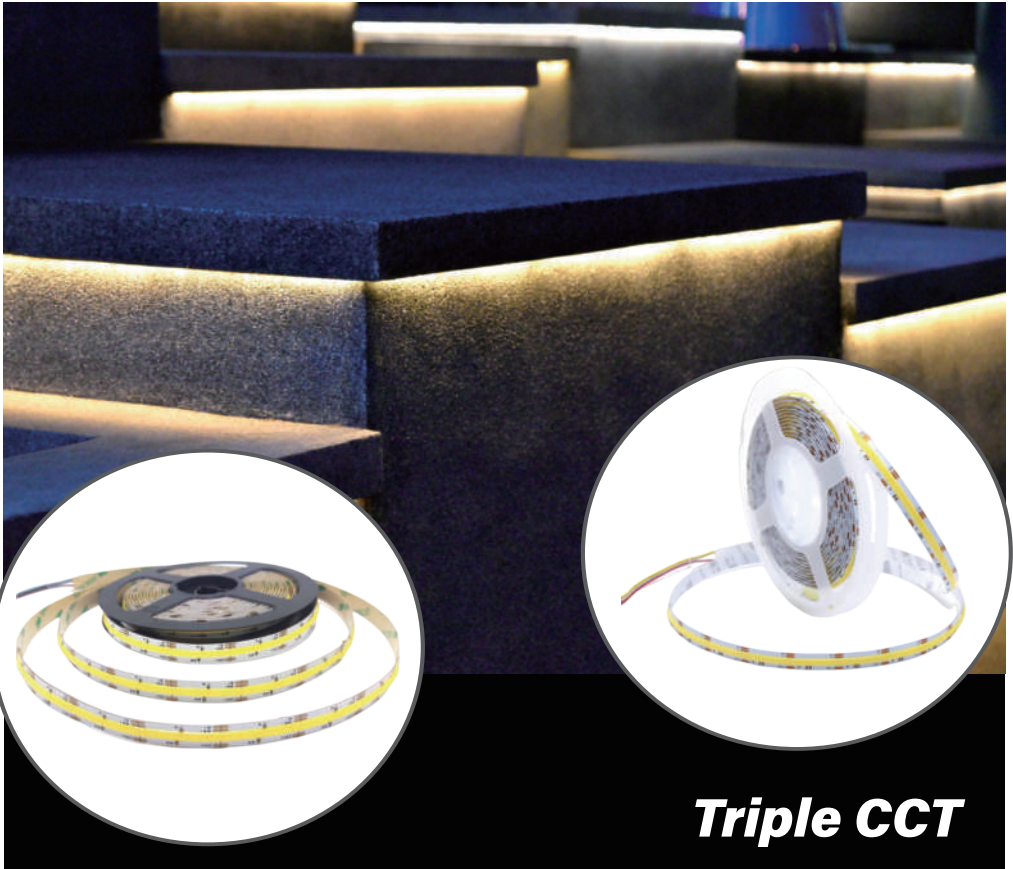
COB Series



Single CCT

SPEC	COB320	COB480	COB512
LED Qty/m	320pcs	480pcs	512pcs
Watts/m	5W / 10W / 15W		
Volts	DC 12V / 24V		
Lumen	100-110 lm/W		
CCT	2700-6500K / R / G / B / P / P		
CRI	>90		
IP Rating	IP 20 / 65 / 67		
Length	1m / 5m / 10m		
Width	2.7 / 4 / 6 / 8 / 10mm		

Strip Lighting



Triple CCT

SPEC	COB576-TRI	COB608-TRI
LED Qty/m	576pcs	608pcs
Watts/m	10W + 10W	8W + 8W
Volts	DC 12V / 24V	
Lumen	110-120 lm/W	80 lm/W
CCT	2700K - 4000K - 6500K	
CRI	>90	
IP Rating	IP 20 / 65 / 67	
Length	1m / 5m / 10m	
Width	8 / 10mm	10mm

COB Series



SPEC	432-RGB	810-RGB	420-RGB	840-RGB
LED Qty/m	432pcs	810pcs	420pcs	840pcs
Watts/m	5W + 5W + 5W			
Volts	DC 12V		DC 24V	
Lumen	N/A			
CCT	RGB			
CRI	N/A			
IP Rating	IP 20 / 65 / 67			
Length	1m / 5m / 10m			
Width	10mm			

Strip Lighting

ATMOSPHERE LAMP



RGB+CCT

SPEC	630-RGBCW
LED Qty/m	630pcs
Watts/m	5W + 5W + 5W + 10W + 10W
Volts	DC 12V / 24V
Lumen	N/A
CCT	RGB+CW (2700-6500K)
CRI	N/A
IP Rating	IP 20 / 65 / 67
Length	1m / 5m / 10m
Width	12mm



Single CCT



SPEC	2835-60	2835-120
LED Qty/m	60pcs	120pcs
Watts/m	4.8W	10W / 14W
Volts	DC 12V / 24V	
Lumen	90-100 lm/W	
CCT	2700-6500K / R / G / B / P	
CRI	>80 / >90	
IP Rating	IP 20 / 65 / 67	
Length	1m / 5m / 10m	
Width	8mm	10mm

Strip Lighting



RGB

SPEC	5050-30-RGB	5050-60-RGB
LED Qty/m	30pcs	60pcs
Watts/m	4.2W	9W / 14W
Volts	DC 12V / 24V	DC 12V / 24V
Lumen	N/A	N/A
CCT	RGB	RGB
CRI	N/A	N/A
IP Rating	IP 20 / 65 / 67	IP 20 / 65 / 67
Length	1m / 5m / 10m	1m / 5m / 10m
Width	10mm	10mm

SMD Series



SPEC	5050-60-RGBW	5050-60-RGBCW
LED Qty/m	60pcs	60pcs
Watts/m	14W	18W
Volts	DC 12V / 24V	DC 12V / 24V
Lumen	N/A	N/A
CCT	RGB + W(2700/4000/6500K)	RGB + CW (2700-6500K)
CRI	N/A	N/A
IP Rating	IP 20 / 65 / 67	IP 20 / 65 / 67
Length	1m / 5m / 10m	1m / 5m / 10m
Width	12mm	12mm



Assessory	IP67 Strip Light Tube
Beam	120 / 180 / 270 / 360°
Direction	Top / Side / 360° lighting
Remark	Please contact LeDiamond to obtain more options and details.



Accessory	Controller & Remoter	LED Driver
Remark	Please contact LeDiamond to obtain more options and details.	



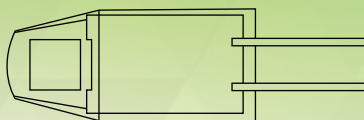
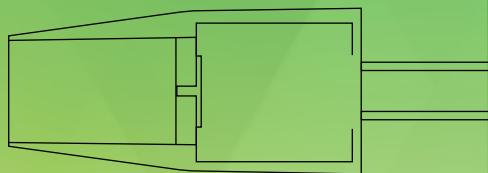
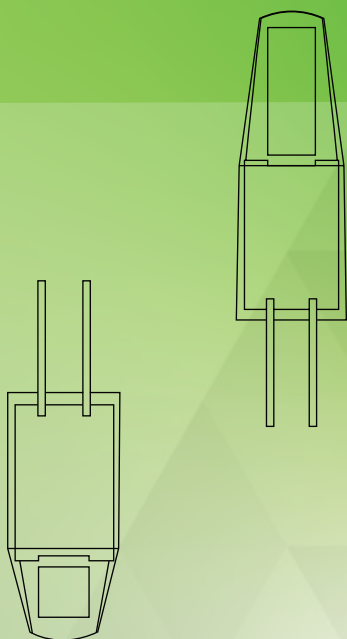
Patio

SPEC	S14-4815-P-12/24	S14-4815-P-11/22
Lamp Qty	15 pcs /15m (48ft)	
Watts/each	0.6W	1W
Volts	DC 12V / 24V	AC 110V / 220V
Lumen	35lm	50lm
CCT	2200 / 2700 / 4000 / 6500K	
CRI	80	
IP Rating	IP 65	
Length	15m	
Spacing	60cm or 90cm between lamps	

String Lighting



SPEC	STR-RGBW-5039	STR-RGBW-10078
Lamp Qty	39 pcs /15m (50ft)	78 pcs /30m (100ft)
Watts/each	0.8W	
Volts	DC 24V	
Lumen	N/A	
CCT	RGB + W(2700/4000/6500K)	
CRI	80	
IP Rating	IP 65	
Length	15m / 30m	
Spacing	40cm between lamps	



LED Lamp Catalog

LeDiamond
ideas for lighting

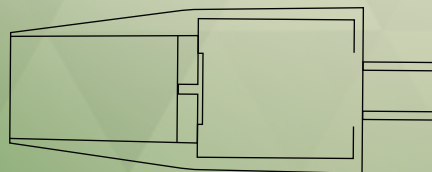


LeDiamond Opto Corporation

8F, No.80, Sec.2,Guangfu Rd., Sanchong Dist.,
New Taipei City 24158, Taiwan

T +886-2-29958557

F +886-2-29958086



www.lediamond.com.tw