

T-type-Globe Lamp

A60-9W (5X1W LED)

E14/E17/B22/E26/E27

Dimmable/Undimmable

- General Spec
- Optical Spec



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B.L.T.C. Profile

Beautiful Light Technology Corporation (B.L.T.C.) was established in March, 2005 in Chia-Yi County, Taiwan. B.L.T.C. focuses on all-in-one lighting solution with LED technology, specializing in High Power LED lamps.

We have strong staff in fields of marketing, electronics, optics, mechanism, business administration and purchasing. B.L.T.C. provides the global market with a large portfolio of innovative products.

Management Principles

- ★ User-friendly in Lighting Application
- ★ Innovation in Technology
- ★ Conformed to Lighting Standard
- ★ Quality Guaranteed





T-type-Globe Lamp-A60

- Most advanced LED source : Nichia, Cree or Lumileds.
- Professional design to efficiently work components of power, thermal solutions and optics
- Reliable quality and flexible leadtime
- CRI(RA):Warm White+80 / Netural White+80 / Cool White+70
- Available White : 2,500~6,500K CCT
- Long lifetime : Min 20,000, Typical 40,000 hours
- Range of light output of dimmable lamps: 10%~100%



Electrical Specification

Part Number	Undimmable/ Dimmable	BLT60XXCC-NX51H/ BLT60XXCC-NX51HDM2		BLT60XXCC-CX51H/ BLT60XXCC-CX51HDM2		
LED Type						
Color		Cool White	Warm White	Cool White	Netural White	Warm White
Color Temperature		4700K~ 5700K	2500K~ 3200K	5000K~ 6500K	4000K~ 4500K	2500K~ 3200K
MIN C.R.I.		70	80	70	80	80
Luminous Flux Of Lamp (lm)		497	325	454	424	392
Efficiency Lumens/Watt (lm/W)		66	43	61	57	52
Operating Voltage (V)		H1: 100~120V / H2: 220~240V				
Power Consumption +/-10% (W)	Undimmable	7.5W (MAX.8.5W)				
	Dimmable	8W (MAX.9W)				
Beam Angle		130°				
Base Type		E14 / E17 / B22 / E26 / E27				
Operating Temperature		-20°~+40°C				
Power Factor	100~120V	>0.9				
	220~240V	>0.7				

Notice of Dimmable Bulbs

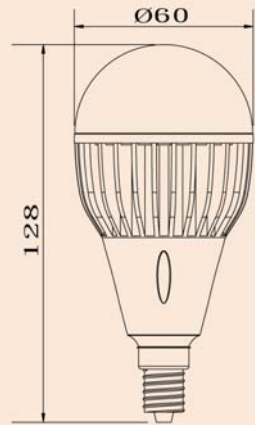
- It is normal to have small noises when tuning dimmers.
- If the bulb is in blinking status, please adjust the dimmer to a steady status.
- The LED bulb is easy to blink if its dimmer is set to be under 10%.
- Light emission/power consumption varies with bulbs even in the same type.
- Under the circumstances of sharing one dimmer, especially at the lower level, bulbs will show different emission for their own characteristics.
- If you want to turn off, we suggest you turn off the power switch instead of just tuning the dimmer to the lowest level.
- If the dimmer is set at a lower level, the bulb might be shut down or become darker under the circumstances such as power shutdown, usage of hair dryer and microwave.
- If the dimmer is set at a lower level when the bulb is turned on, it is possible to have no light emission at all. In this case, please just tune the dimmer to 100% and turn the bulb on again.
- Sometimes failure to dimmable function might happen with the following kinds of dimmers.
 - sensor dimmers
 - stepping dimmers
 - remote control dimmers
 - dimmers with memory function--to re-show the light scene with even just a button.

Solution to Abnormal Dimmable Bulbs

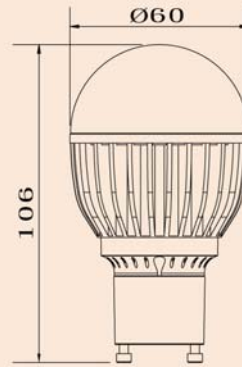
1. Please check the dimmer operated under an independent AC line, not connecting with other electrical appliances. Freezers, air conditioners, laundry machines, hair dryers etc. are especially power-consuming ones and when dimmers are connected to the above under the same AC line, abnormal light emission happens easily.
2. A part of dimmers has "minimum power consumption". If abnormal light emission happens when you connect 1 dimmer and 1 LED bulb, please try the combination of 1 dimmer and more than 2 LED bulbs. The optimal combination is to connect 1 dimmer and the quantity of LED bulbs amounting over 35 Watt.



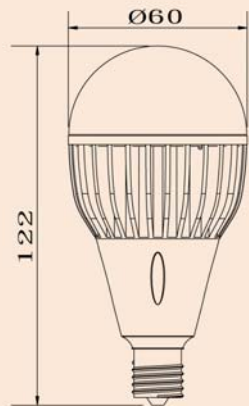
Mechanical Dimension (mm)



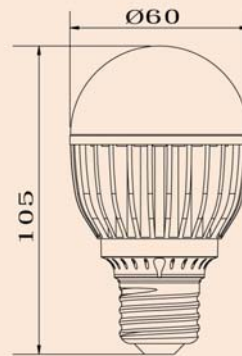
E14



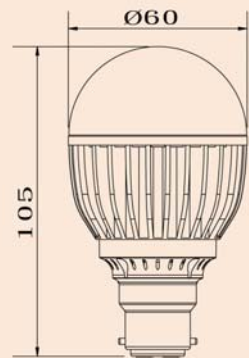
GU24



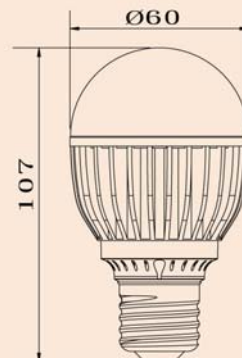
E17



E26

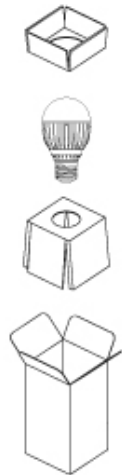


B22

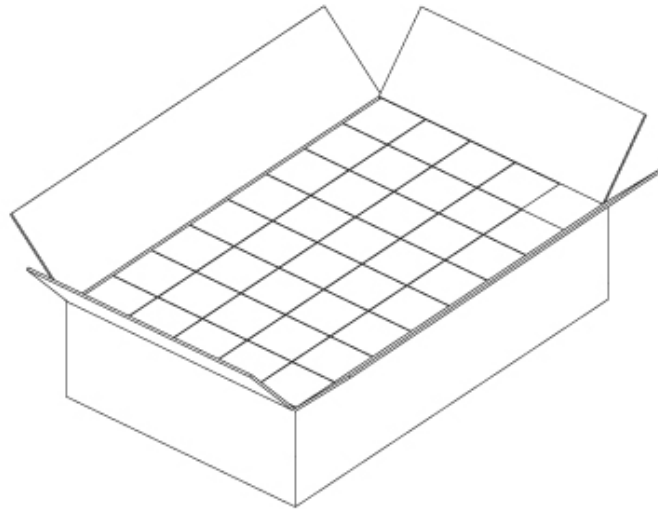


E27

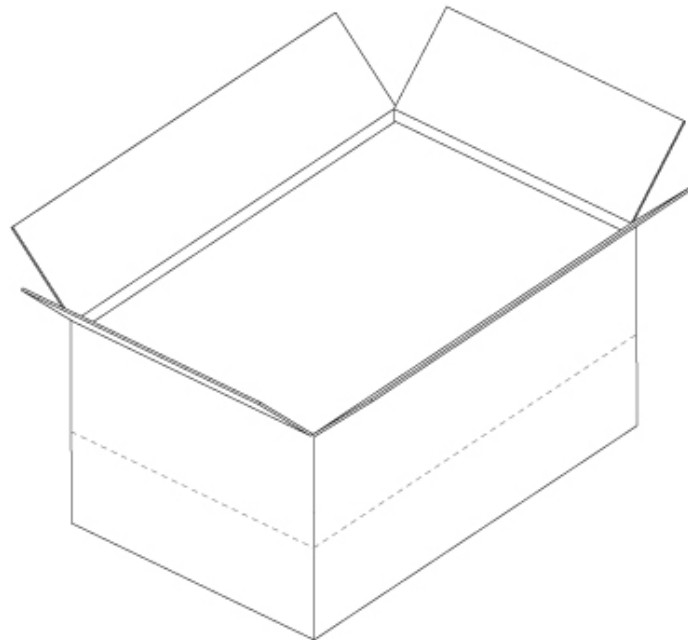
Product Packing Type-A60



Gift Box / White Box
L:76*W:76*H:138mm



Inner Carton / L:400*W:324*H:300mm



Master Carton / L:670*W:417*H:323mm

In 1 Master Carton

In 1 Inner Carton

In 1 White Box

2 Inner Cartons (80 White Boxes)

40 Boxes in 1 Inner Carton

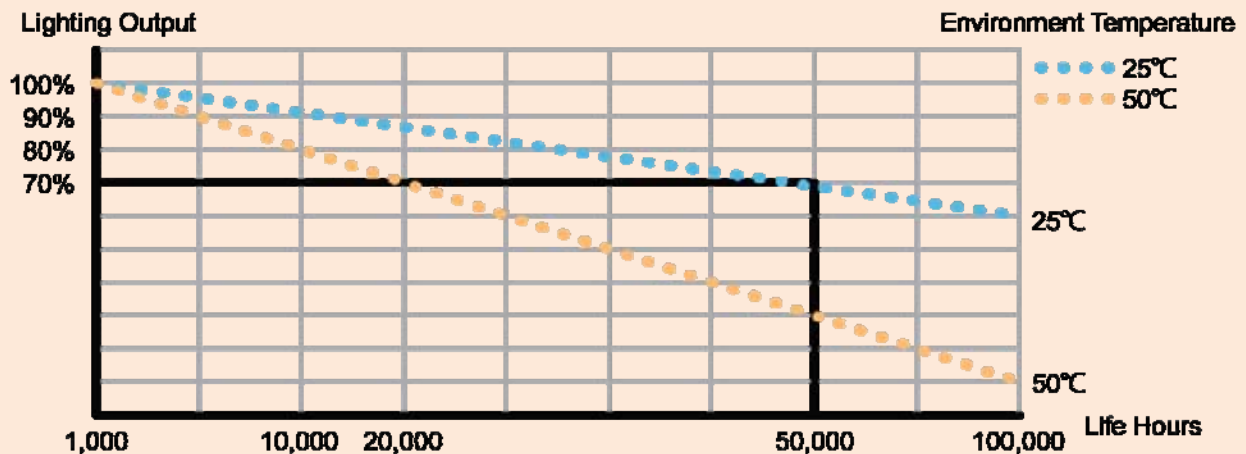
1Pc of Lamp

Luminaire Notice

The T-type A60 is not compatible with all incandescent luminaires. Before installation, please read following guidelines:

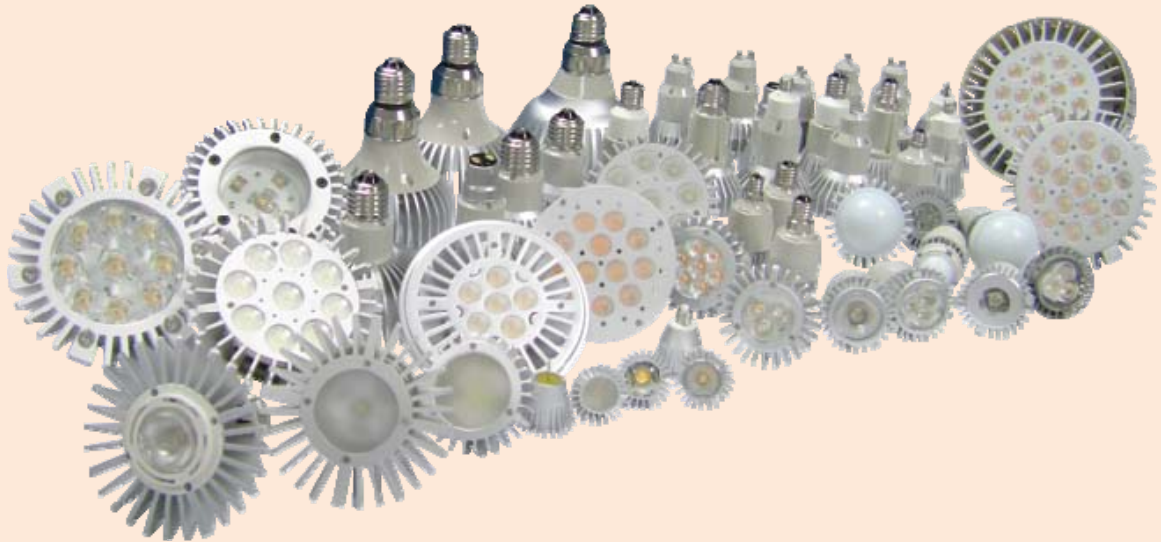
- No sealed fixtures.
- Not for outdoor fixtures.
- Not for wet environment except IP65 version.
- Not for integral primary optics.

Life, Reliability and Lumen Maintenance



Lighting Output & Life Hours

B.L.T.C. Principles of Ordering Number for Bulbs



BL **X** **X** **X** **X** - **X** **X** **X** **X** **X** **X** **X**
1 2 3 4 5 6 7 8 9 10 11 12

1. For B.L.T.C.	
2. Bulb Type	
T	T type
M	M type
S	S type
3. Bulb Shape	
G4	G4
11	MR11
16	MR16, PAR16
20	PAR20
30	PAR30
36	PAR36
38	PAR38
40	BA15D
111	AR111
50	A50
60	A60
70	A70
55	B55/ PRO B55
75	B75
83	Candle light

4. Bulb Head (Lamp Holder)	
4.1 For Low Voltage	
40	G4.0(G4)/GU4.0/GZ4.0(MR11)
Z10	EZ10(MR16)
53	GU5.3 (MR16)/G53(AR111/PAR36)
ST	Screw Terminal (AR111/PAR36)
15	BA15D/BA15S
4.2 For High Voltage	
10	GU10(PAR16/PAR20/AR111)
11	E11(PAR16/PAR20)
14	E14(PAR16/PAR20/A60)
17	E17(PAR16/PAR20/A60)
22	B22(PAR16/PAR20/A60/A70)
26	E26(PAR16/PAR20/PAR30/PAR38/A60/A70)
27	E27(PAR16/PAR20/PAR30/PAR38/A60/A70)
39	E39 (B55/B75)
40	E40(B55/B75)

5. Optics	
N15	08°(MR16/PAR16/PAR30/AR111/PAR36/PAR38)
N25	16°(MR16/PAR16/PAR30/AR111/PAR36/PAR38)
N40	21°(MR16/PAR16/PAR20/PAR30/AR111/PAR36/PAR38)
N60	26°(MR16/PAR16/PAR30/AR111/PAR36/PAR38)
N80	41°(MR16/PAR16/PAR30/AR111/PAR36/PAR38)
SS	8~15°(MR16/PAR16/PAR20/PAR30/AR111/PAR38/B55)
M	16~25°(MR16/PAR16/PAR20/PAR30/AR111/PAR38/B55)
W	32~40°(MR16/PAR16/PAR20/PAR30/AR111/PAR38/B55)
WD	40°(PAR30/AR111/PAR38/B55)
WW	55°(PAR20/PAR30/AR111/PAR38/B55)
S40	40°(MR11)
S60	36°(MR16)/15°~67°(PAR30)
D120	88°(For all series except base light)
BB	>130°(A50/A60/A70/Candle light) color : transparent
CC	>130°(A50/A60/A70/Candle light) color : white
6.LEDBrand	
C	Cree
N	Nichia
L	Lumiled
O	Everlight / Prolight
7.Color	
R	Red
G	Green
B	Blue
A	Amber
W	Cool White
NW	Neutral White
WW	Warm White

8.LED Quantity & power consumption	
1	1X1.1/1.3/1.5W--G4 /MR11
2	1X2W-- /MR11 MARK II
19	1X9W--PAR30
3	1X2.5W--MR16 / PAR16/Candle light
5	1X4/4.5W--MR16 / PAR16
31	3X1.1/1.3W/2.5W--MR16/PAR16/ PAR36
41	4X1.0W/1.3W--MR16/PAR16/A50
42	4X2W--PAR20
51	5X1.0W--MR16/PAR16/PAR36
52	5X2W-PAR16
61	6X1.2W--PAR20
62	6X2.0W--AR111
33	3X2.5W--PAR20
71	7X1.0W--PAR20
91	9X1.1/1.3W--PAR30
92	9X2W--PAR38
121	12X1.1W-- PAR30 Mark II 、 III
161	16X1.1W --PAR38 Mark II 、 III/B55
162	16X2W- PRO B55
182	18X2W- B75
9.Input Voltage	
L	12V
M	24V
S	Fixed current
H	85-260V
H1	110V
H2	220V
10.Other Division	
LG	Long holder
XP	Cree(MCE)
RL	Indoor Lighting
DM1	4-Step Dimming
DM2	Dimmable Lamp
N	New Plastic back
AD	Angle Adjustable
AD90	Angle Adjustable CRI90
11.New/Old Version of Holders	
(None)	New
O	Old
12.Customized Modification	
XX	2-digit code for customers

Product Warranty

B.L.T.C. warrants products for 3 year from the date of purchase that B.L.T.C. is responsible for defects in materials and workmanship which may lead to failure of the bulb.







-During the warranty period, if the product fails to perform as described above, B.L.T.C.'s entire liability will be the repair or replacement of such defective products. In no event shall B.L.T.C. be responsible for removal or reinstallation of any product or for the expenses thereof.

-The above warranty does not apply to, and B.L.T.C. makes no warranties with respect to products which have been subjected to misuse, neglect, accident, abuse, operating or environment conditions that deviate from the conditions warned in applicable specifications; or have been improperly installed, stored, maintained, repaired or altered by anyone other than B.L.T.C. or have had their serial numbers or month and year of manufacture or shipment removed, defected or altered.

-This warranty is given only to the original purchaser and may not be assigned or transferred to any other party. It is purchaser's obligation to retain documentation that indicated date of purchase.

Safety & Environment Specifications

T-type A60 bulbs are manufactured to conform to the following safety approbation.

Certificated Mark	Items of certificated standard
	EMC: EN55015, EN61000-3-2, EN61000-3-3, EN61547 (IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8, IEC61000-4-11)
	EN60968, EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-4
	J60968(H14)
	UL1993
	Part18 Subpart C
VCCI	CISPR22 ClassB 10M Radiation
REACH	Regulation (EC) No.1907/2006: (REACH) Article 33
	Directive 2002/95/EC (RoHS) and corresponding amendment directives