



BOISE™

2nd Gen Landscaping Light



SKU	DLC Model #
155667	BLT-FL17-13WBH5DA1-BR30/40/50
155668	BLT-FL17-25WBH5DA1-BR30/40/50

The Boise LED Landscaping Lights by Beyond LED Technology deliver exceptional performance and durability for a wide range of landscape lighting applications. Ideal for garden, signage, accent lighting, and special features such as flags, monuments, steeples, and bridges, these lights provide clear, bright illumination with minimal energy consumption. With up to 135 lumens per watt, the Boise lights offer energy- efficient brightness, and the adjustable CCT and 85° beam angle ensure flexible, precise lighting. Built with a die-cast aluminum housing and polycarbonate optical lens, these lights are designed for long-lasting performance in any environment. Enjoy instant start, with no flickering or humming, for a smooth and reliable lighting experience.

Product Features

- Up to 140 lm/W
- 13 Watt / 25 Watt
- Adjustable CCT
- 0-10V Dimmable
- Beam Angle 85°
- Ground Stake mounting
- Transparent polycarbonate optical lens
- Bronze Housing
- Input Voltage 120-277VAC
- UL & DLC Listed
- 5 Year warranty

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SKU	WATT	LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	LIGHT SPREAD	CONSTRUCTION	MOUNT	DIMMING	IP RATING	CERTIFICATIONS
155667	13W	1820	3K/4K/5K	120-277V	>80	85°	Die-cast Aluminum+PC	Ground Stake	0-10V	IP65	UL & DLC
155668	25W	3375	3K/4K/5K	120-277V	>80	85°	Die-cast Aluminum+PC	Ground Stake	0-10V	IP65	UL & DLC

SKU: 155667 Specifications

Parameter	Description
General Performance	Model #
	BLT-FL17-13WBH5DA1-BR30/40/50
	Watt
	13W
	Lumens
	1820
	Lumen Efficacy
Electrical	Up to 140LM/W
	Color Temperature
	3000K/4000K/5000K
	CRI (Ra)
	>80
	Distribution Pattern
	5H5V
Physical	Light Spread
	85°
	Input Voltage
	120-277Vac
	Frequency
	50/60Hz
	Dimming
Qualification	0-10V
	Power Factor
	≥0.9
	Flicker Percent
	<55%
	Driver Brand
	HBE
Qualification	Driver Model
	Beyond LED Technology
	Driver Surge Protection
	L/N-PE: 4kV, L-N: 4kV
	Operating Temperature
	-40°C TO 45°C
	Operating Humidity
Qualification	20% - 90% RH
	Storage Temperature
	-40°C TO 80°C
	Storage Humidity
	10% - 95% RH
	LED Brand
	Lumileds
Qualification	LED Type
	2835
	LED Qty.
	56PCS
	Construction
	Die-cast aluminum
	Housing Color
Qualification	Bronze
	IP Rating
	IP65
Qualification	Warranty
	5 Years



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2nd Gen Landscaping Light

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Specifications

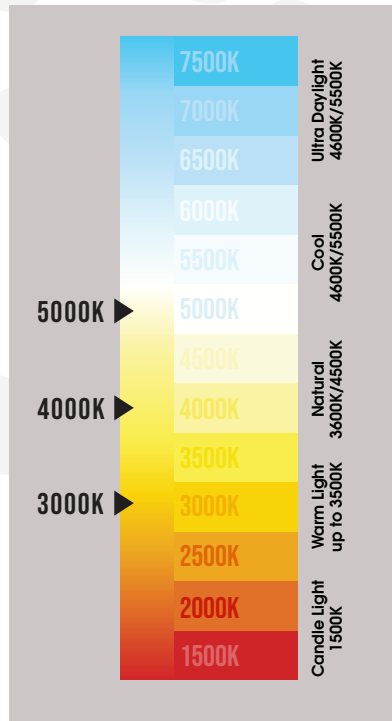
Parameter	Description	
General Performance	Model #	BLT-FL17-25WBH5DA1-BR30/40/50
	Watt	25W
	Lumens	3375
	Lumen Efficacy	Up to 135LM/W
	Color Temperature	3000K/4000K/5000K
	CRI (Ra)	>80
	Distribution Pattern	5H5V
Electrical	Light Spread	85°
	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	0-10V
	Power Factor	≥0.9
	Flicker Percent	<55%
	Driver Brand	HBE
	Driver Model	Beyond LED Technology
Physical	Driver Surge Protection	L/N-PE: 4kV, L-N: 4kV
	Operating Temperature	-40°C TO 45°C
	Operating Humidity	20% - 90% RH
	Storage Temperature	-40°C TO 80°C
	Storage Humidity	10% - 95% RH
	LED Brand	Lumileds
	LED Type	2835
	LED Qty.	84PCS
Qualification	Construction	Die-cast aluminum
	Housing Color	Bronze
	IP Rating	IP65
	Warranty	5 Years

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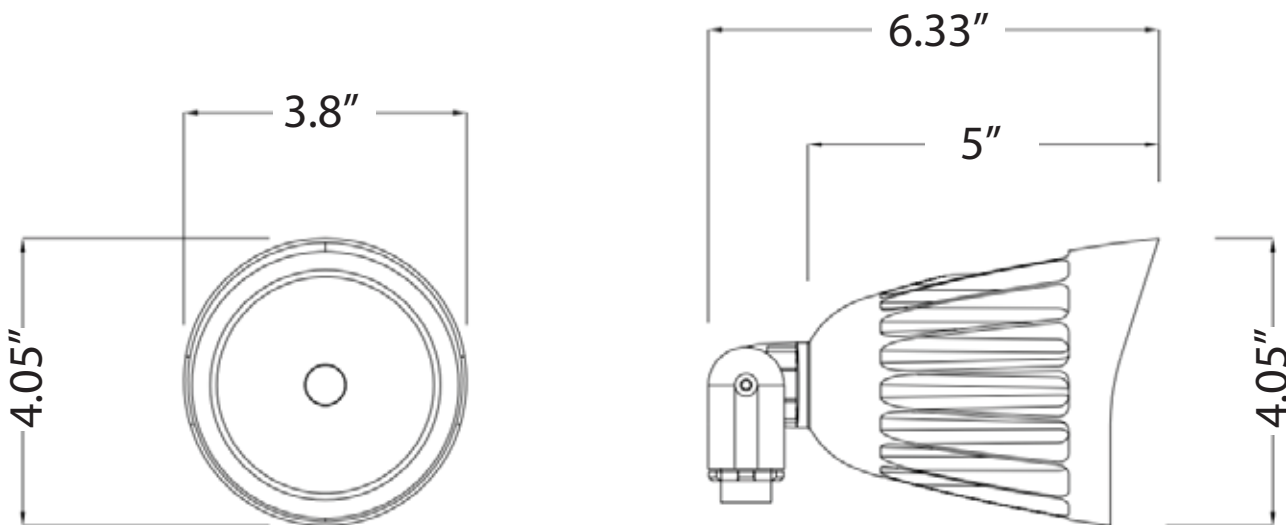
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Correlated Color Temperature (CCT)



Dimension





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SKU: 155667

Luminaire Property

Photometric Results

CIE Class: Direct

Measurement Flux: 1863.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H84.2,H39.4

Vertical Diffuse Angle(10%,50%): V83.6,V39.6

Luminaire Efficacy Rating (LER): 150.37

Max. Intensity: 2819.07 cd

S/MH(C0/C180): 0.62

Total Rated Lamp Lumens: 1863.9 lm

Efficiency: 100%

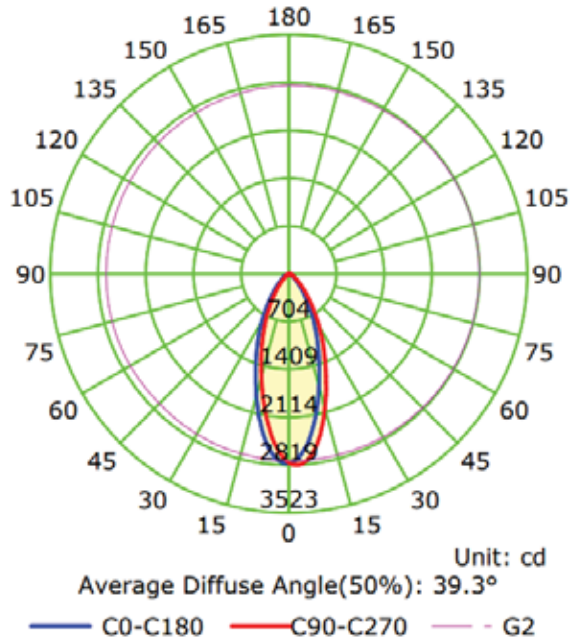
Upward Ratio: 1%

Central Intensity: 2783.4 cd

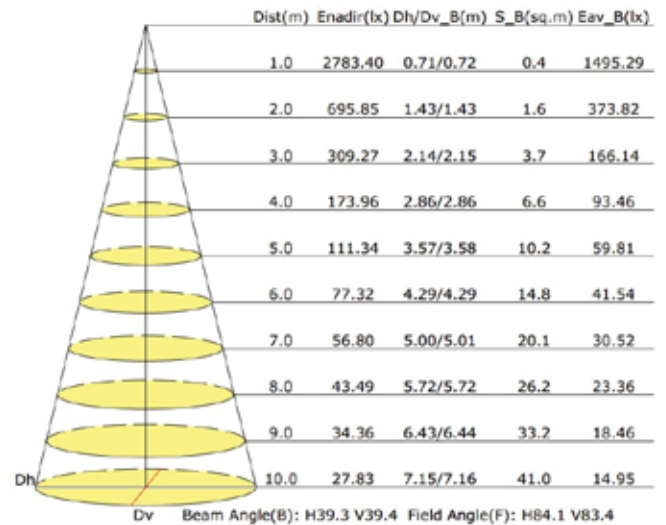
Pos of Max. Intensity: H112.5 V2

S/MH(C90/C270): 0.63

Luminous Intensity Distribution Curve



Illuminance at a Distance(Beam Angle)



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2nd Gen
Landscaping Light



SKU: 155668

Luminaire Property

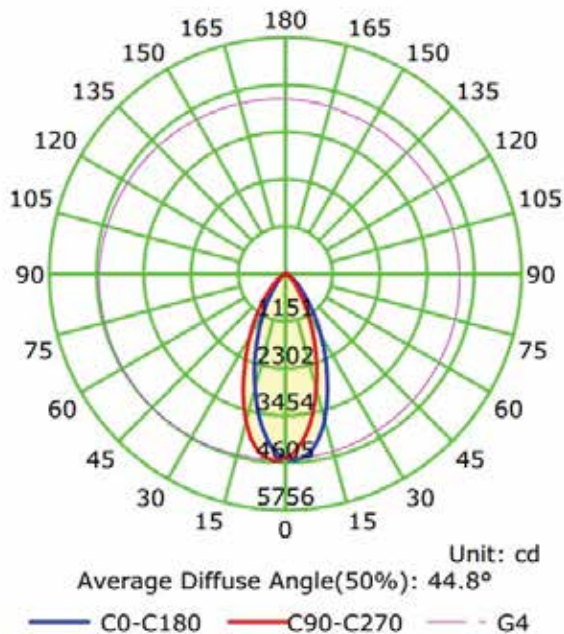
Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 3418.2 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 4482.44 cd
Pos of Max. Intensity: H315 V4

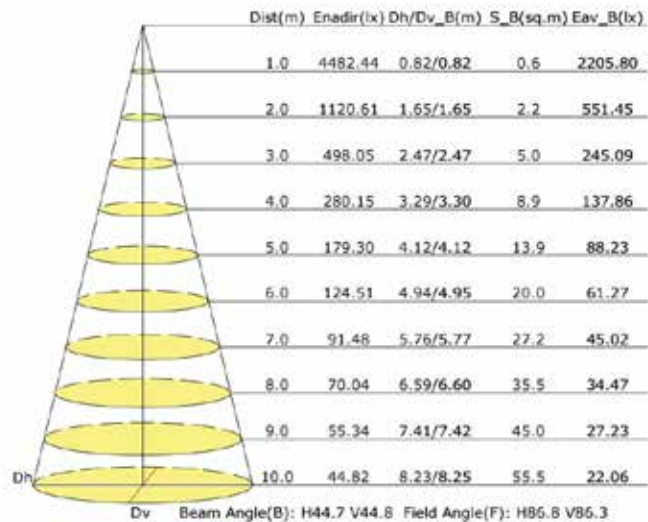
Longitudinal Classification: Very Short
Measurement Flux: 3418.2 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 145.08
Max. Intensity: 4605.43 cd

LANDSCAPING LIGHT

Luminous Intensity Distribution Curve



Illuminance at a Distance(Beam Angle)





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2nd Gen Landscaping Light

Installation

Cautions:

1. Can not use the electric generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. To avoid electrical shock and damage, please do not install the lights in raining days.
4. Please turn off the power before installation or maintenance. Proper grounding is required to ensure safety.

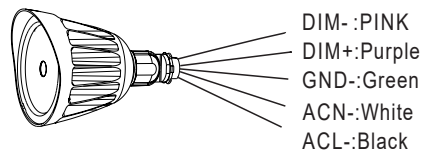
Notices:

1. To prevent from electric shock or fire risk, installation must be conducted by operator with professional electrical knowledge.
2. Please wear gloves to avoid injury before installing lamps.
3. During or after installation, if there are situations such as smoke, fire in the wires or lamps, please turn off the power immediately and notify relevant personnel for an overhaul.
4. This light can be used for outdoor installation.

Instructions:

1. Adjustable color temperature.
2. This product has dimming function.
3. 2 dimming functions are available for this LED lamp.
 - (1) Constant current can be achieved by 0-10VDC dimming.
 - (2) Variation of resistance unit dimming (Please choose the appropriate dimming way according to your needs. You can also choose not to use this function.
4. Choose the wire connection ways, dimming ways and installation ways according to your needs.

Wiring Diagram:



1/2 ADJUSTABLE FITTER MOUNTING (1/2AM)

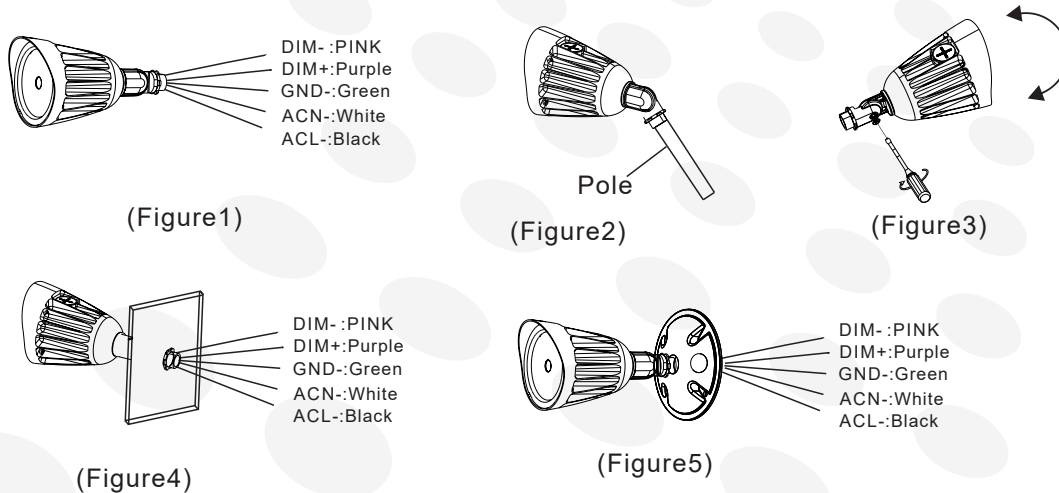
- Step 1: Take the lamp out of package (Figure1);
- Step 2: Finish wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire), and then put wire into lamp pole (Figure2);
- Step 3: Loosen screws; adjust fixture angle as per actual demands and tighten screws later; Tips: Angle of the fixture is adjustable (Figure3);
- (pass the bracket through mounting surface, fix it with screws, then connect the wires as per proper wiring requirements.) (Figure4)

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2nd Gen Landscaping Light

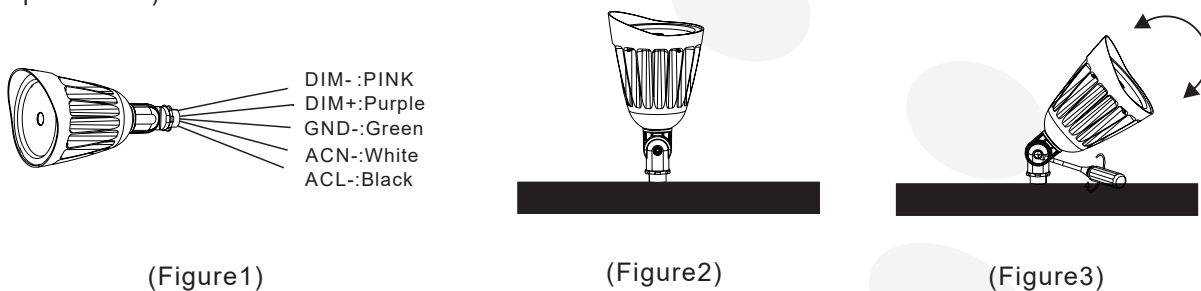


Installation



1/2 ADJUSTABLE FITTER MOUNTING (1/2AM)

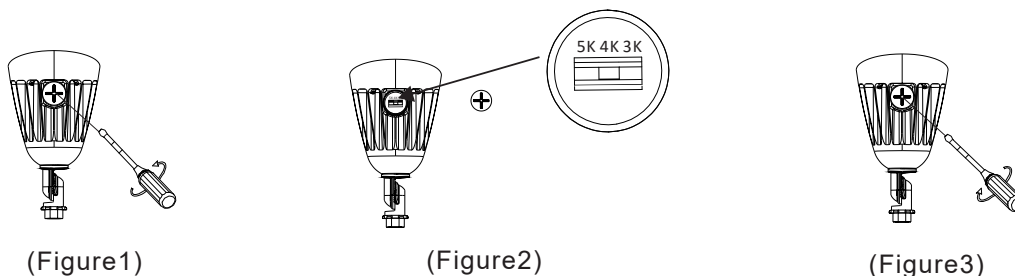
Step 1: Take the lamp out of package (Figure1);
 Step 2: Finish wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire), and then put wire into lamp pole (Figure2);
 Step 3: Loosen screws; adjust fixture angle as per actual demands and tighten screws later; Tips: Angle of the fixture is adjustable (Figure3);
 (pass the bracket through mounting surface, fix it with screws, then connect the wires as per proper wiring requirements.)



Function adjustment

Function adjustment

Step 1: Open the metal plug and with a screwdriver (figure1), Then slide the switch left and right to adjust the CCT controller, Adjust the color temperature as required (figure2).
 Step 2: After adjusting the required control function, tighten the metal plug (figure3).





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Notice For User

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- Non-professionals, must not install and disassemble the lamps.

Trouble Shootings

Trouble	Check Points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.

Packaging

SKU	Box Dimension	Qty	Net Weight	Gross Weight
155667	17.28" x 13.11" x 7.36"	12 PCS/Box	11.64LBS	18.65LBS
155668	23.15" x 17.28" x 10.55"	12 PCS/Box	11.64LBS	18.65LBS

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Application Images



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Warranty

This product is covered under a 5-year warranty. For complete warranty details,
[Click Here.](#)