

### Standard Installation

# PS/BS/PSL/BSL LED/LOW VOLTAGE



Flammable



Warning



Low Voltage



Hot Surface

#### TOOLS NEEDED:



- 1/8" Allen Wrench
- Waterproof Wire Connectors
- Mounting Hardware
- Drill

### INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

#### Lighted fixture is HOT!

#### WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off/unplug and allow to cool before replacing lamp/LED. Fixture gets HOT quickly! Contact only switch/plug when turning on. Do not touch hot lens, guard, or enclosure. Keep fixture away from materials that may burn. Do not operate the luminaire fitting with a missing or damaged shield. Do not touch the source at any time. Use a soft cloth or gloves. Oil from skin may cause damage.

**SAVE THESE INSTRUCTIONS**

### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

### IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations
- Suitable for Indoor/Outdoor use

Please refer to the low voltage design guide at [www.bklighting.com/lvguide](http://www.bklighting.com/lvguide) before installation for proper wire selection.

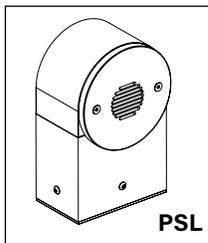
#### This set of instructions works for:

PS - Path Star

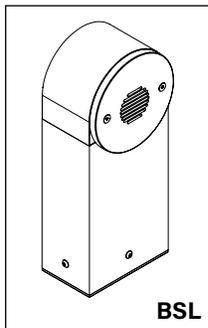
BS - Bollard Star

PSL - Louvered Path Star

BSL - Louvered Bollard Star

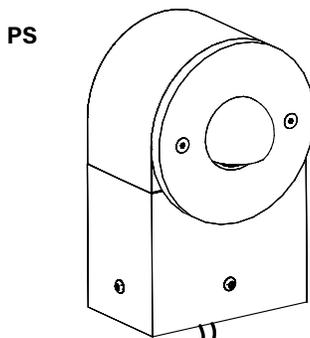


PSL

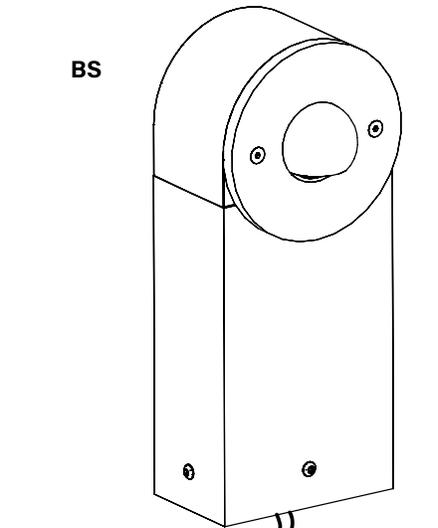


BSL

PS



BS



Anchor Base

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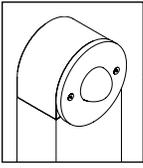
# B-K LIGHTING

40429 Brickyard Drive • Madera, CA 93636 • USA  
559.438.5800 • FAX 559.438.5900  
[www.bklighting.com](http://www.bklighting.com) • [info@bklighting.com](mailto:info@bklighting.com)

RELEASE DATE  
05/11/2023

REFERENCE NUMBER  
INS000733

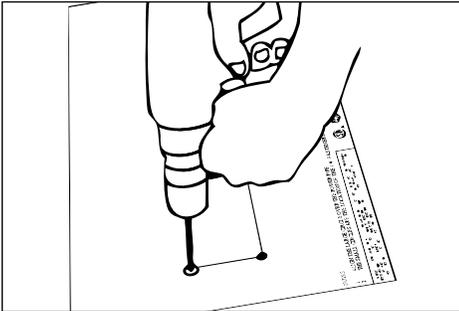
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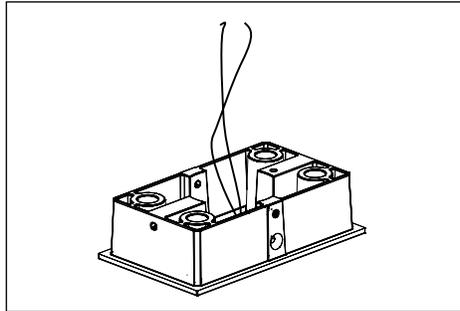
Standard Installation

**TRANSFORMER HOUSING MUST BE INSTALLED ABOVE GRADE.  
TRANSFORMER HOUSING INSTALLED BELOW GRADE WILL VOID WARRANTY**

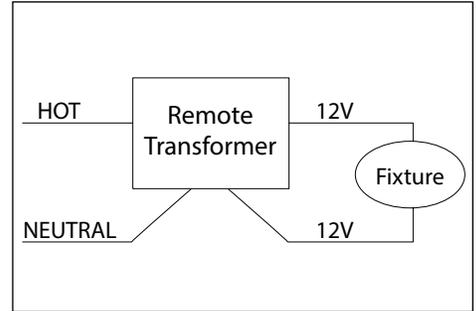
**Anchor Base Installation**



1. Determine suitable anchors to attach anchor base to architectural surface.
2. Place provided template in final mounting position according to designed lighting plan.
3. Drill holes into surface for maximum 7/16" fasteners on locations illustrated on template. Base mounting hole locations is 1-1/2" on center by 3-1/2" on center apart.



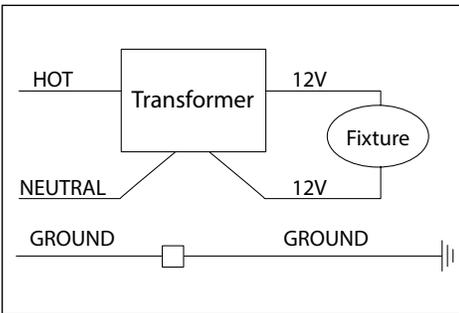
4. Pull low voltage wire or pull branch circuit wires necessary for installation through anchor base.  
  
Anchor base can accommodate up to two (2) 1/2" conduits.



**WIRING DIAGRAM**

**Remote Transformer**

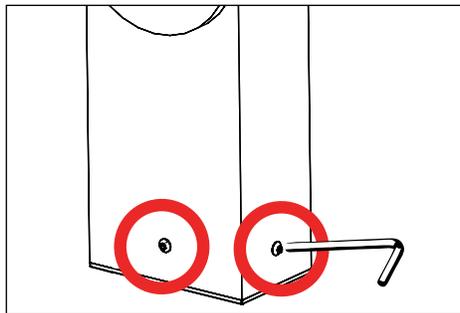
5. Make watertight connections from remote transformer to fixture source leads using waterproof wire connectors. **See wiring diagram.**



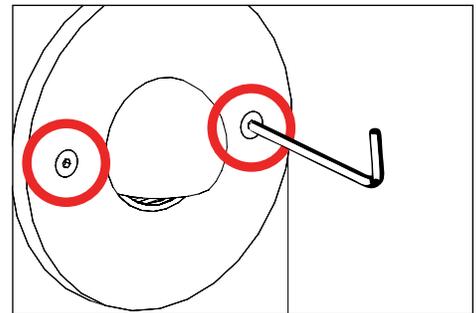
**WIRING DIAGRAM**

**Integral Transformer**

6. Use waterproof wire connectors to make watertight connections from transformer primary leads to branch circuit wires. Connect incoming ground to ground wire provided in fixture body. **See wiring diagram.**



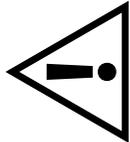
7. Place fixture on anchor base and tighten four (4) #10-32 stainless steel button head cap screws using a 1/8" allen wrench.



8. Use a 1/8" allen wrench to loosen #10-24 stainless faceplate screws to remove faceplate. for access to source.

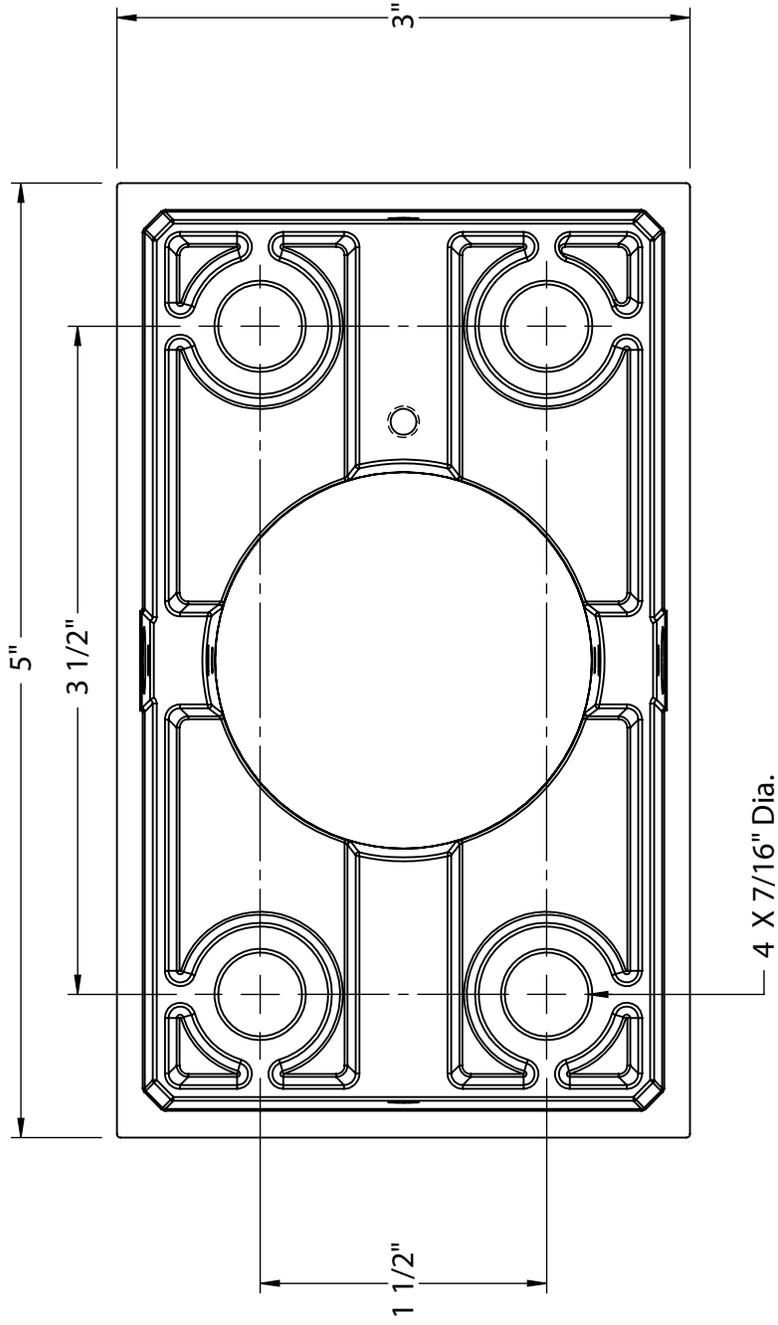
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**WARNING!**

Template must print at proper scale.  
Verify dimensions prior to use.



NOTES: Full Scale Anchor Bolt Template

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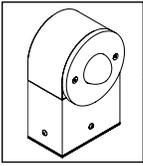


BASE,PS,MACH,ALU

5/15/08

**B-K LIGHTING, INC.**

DRAWING NUMBER  
511085



# PS/PSL LED/LOW VOLTAGE

## Standard Installation



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Warning



Low Voltage



Hot Surface

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- Mounting Hardware

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### IMPORTANT LISTINGS AND CERTIFICATIONS

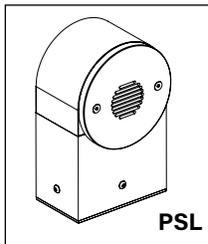
- Suitable for wet locations
- Suitable for Indoor/Outdoor use

Proper soil preparation is recommended before installation. See the DIG-IT guide at [www.bklighting.com/collaterals/install/digit.pdf](http://www.bklighting.com/collaterals/install/digit.pdf) for more information.

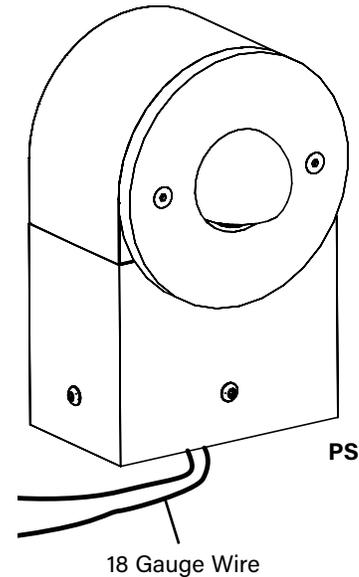
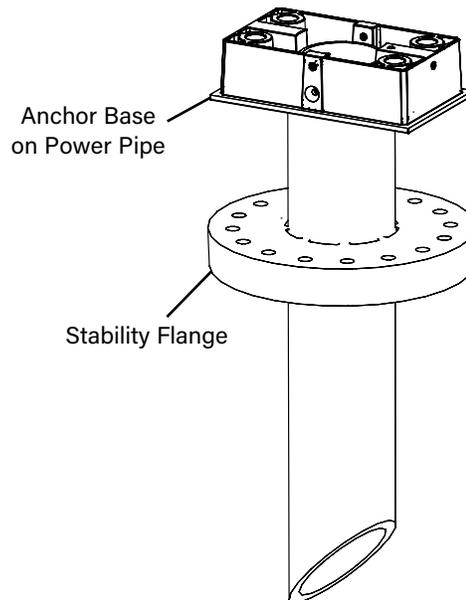
### This set of instructions works for:

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PSL - Louvered Path Star



PSL



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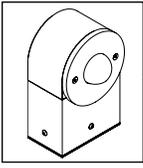
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## Standard Installation

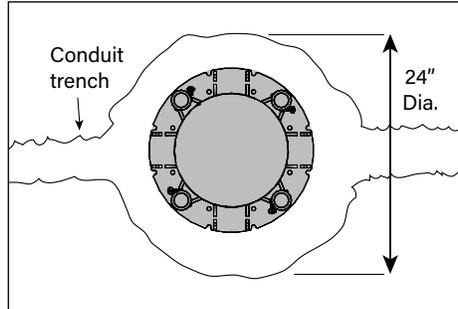
**PS/PSL**  
LED/LOW VOLTAGE

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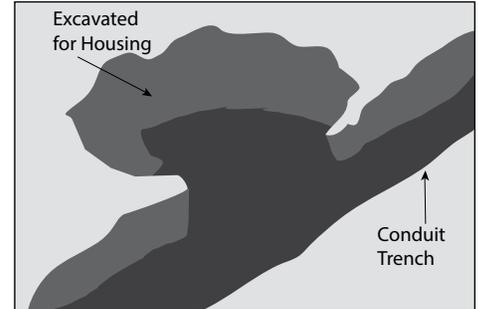
### Soil Prep



A. Determine Soil Type by referencing DIG-IT Guide. Prep soil according to DIG-IT Guide.

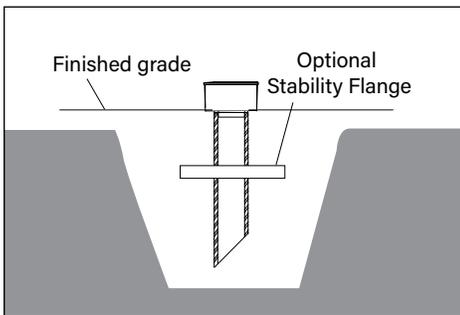


B. Dig hole 10" wide and 24" deep.

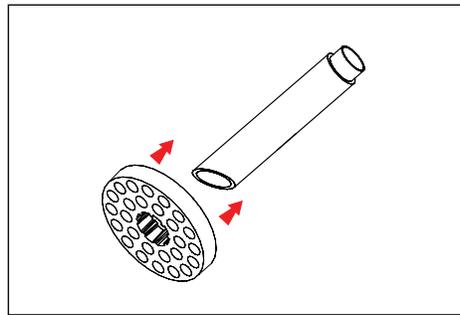


C. Prep soil according to DIG-IT Guide.

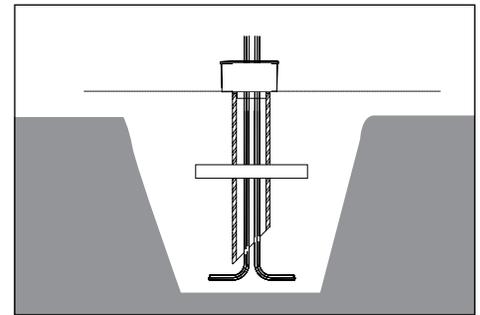
### Power Pipe with Anchor Base Mounting Option



1. Excavate trench according to designed lighting plan. Dig hole a minimum of 18" deep and 10" wide to accommodate power pipe at desired fixture locations.

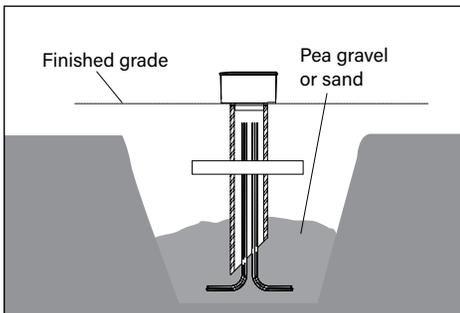


2. Slide optional stability flange onto power pipe. Use optional stability flange to aid in installation of power pipe.

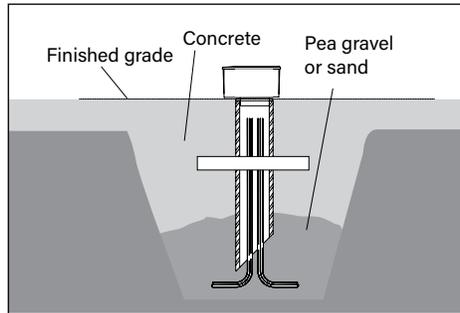


3. Pull branch circuit wiring necessary for installation to power pipe. Place power pipe in hole.

**⚠ Allow for additional cable to make connections to fixture leads and future service. Do not cut PVC.**

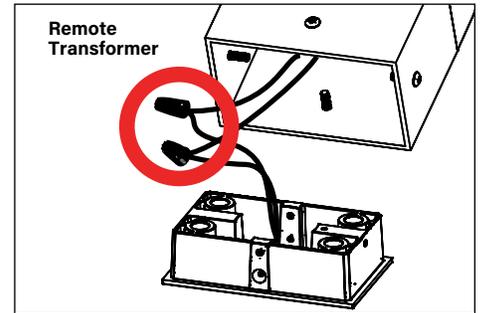


4. Back fill with pea gravel or sand prior to pour.



5. Pour concrete.

**⚠ Label on power pipe indicates installation depth with finished grade.**



**Remote Transformer**

6. Make watertight connections from remote 12V transformer to LED source leads (18 gauge wire) using waterproof wire connectors. See wiring diagram.

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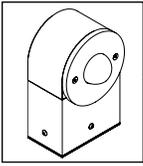


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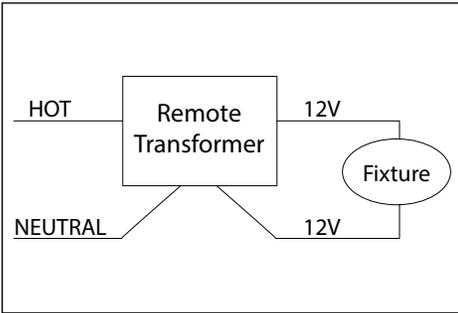
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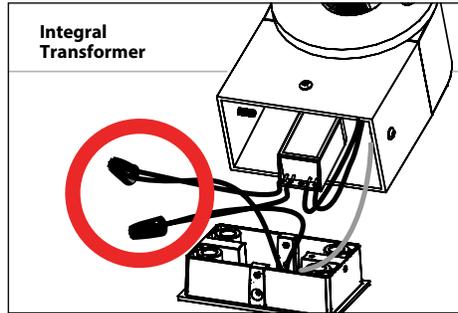
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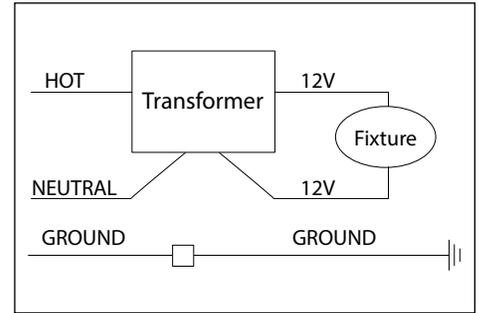
LED/LOW VOLTAGE



WIRING DIAGRAM

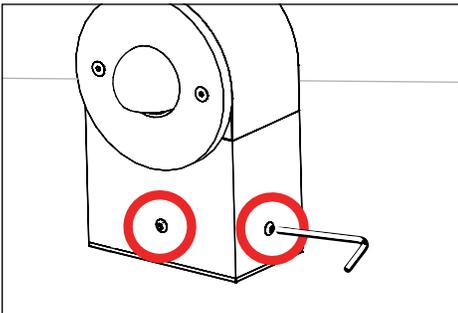


Integral Transformer

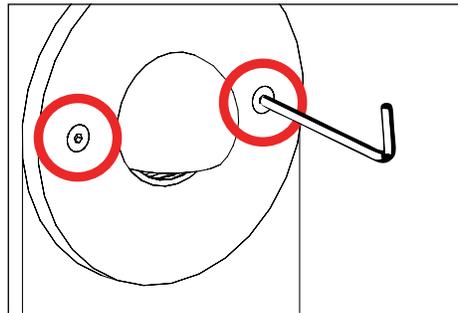


WIRING DIAGRAM

7. Pull branch circuit wires necessary for installation through power pipe. Use waterproof wire connectors to connect transformer primary leads to branch circuit wires. Connect incoming ground to ground wire provided in fixture body. **See wiring diagram.**



8. Place fixture on anchor base and tighten four (4) #10-32 stainless steel button head cap screws using a 1/8" allen wrench.



9. Use a 1/8" allen wrench to loosen #10-24 stainless faceplate screws to remove faceplate for access to source.

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