Aputure

Accent B7c

Product Manual

English

Thank you!

Thank you for purchasing the Aputure Accent B7c, the RGBWW Smart Bulb designed for filmmakers.

Instructions

WARNING! The temperature of the exterior shell of the fixture can rise quite quickly when powered on for an extended period of time. Please exert caution when touching the fixture, especially when using the onboard buttons to adjust settings.

- Please read and comprehend all of the following instructions before using this product..
- Keep this product manual and always include it when passing the product onto third parties.
- Only use a microfiber or dry cloth to clean the product.
- Be careful to prevent damage to this light that can occur from impacts, such as dropping or hitting the fixture.
- Do not leave the product in environments with excessive heat; high temperatures can cause the product to overheat and malfunction.
- Please do not place the fixture near any liquids or other flammable objects.
- If you encounter any issues with this product, please have it checked by an authorized service or repair agent. Please note that this warranty does not apply to any repair required due to unauthorized disassembly, although you may request such repairs on a chargeable basis..
- The product is certified by RoHS and CE. Please operate the product in full compliance with these operation standards. Please note that this warranty does not apply to repairs arising from malfunctions, although you may request such repairs on a chargeable basis.
- The instructions and information in this manual are based on thorough, controlled company testing procedures. Further notice will not be given if the design and specifications change.

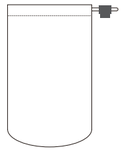
Intended Use

Intended use of the Aputure Accent B7c includes:

- The user has read the instructions of this manual.
- The user is using the products within the operating conditions and limitations described in this product manual.
- "Improper use" means using the products other than as described in these instructions or under operating conditions which differ from those described herein.

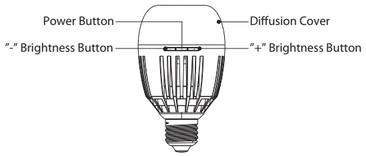
Components List

Accent B7c (1 pc)



Carrying Pouch (1 pc)

Product details



Quick Start Color Code Guide

As the B7c has no screen, we've programed some color sequences to signify different actions. Here is a quick reference guide.

Function/Mode	Trigger	Light Pattern
Bluetooth Reset	Simultaneously long-press the power button and the "+" or "-" button for 5 seconds.	The light will flash Red, Green then Blue.
Charging in Progress	When the bulb is in standby mode or is powered off, press the "+" or "-" buttons.	The light will output 3200K at 10% brightness, pulsing three times.
Fully Charged	When the bulb is in standby mode or is powered off, press the "+" or "-" buttons.	The light will output 3200K at 10% brightness for three seconds.
Switch to Standard (AC) Mode	Simultaneously press the power button, the "+" button, and the "-" button.	The light will emit green at 30% output, then gradually dim to 0%.
Switch to Battery (DC) Mode	Simultaneously press the power button, the "+" button, and the "-" button.	The light gradually fades into a green glow from 0% to 30% brightness.
Checking AC Mode	When not connected to AC power, to confirm that the light is in AC mode, long-press the power button for 3 seconds.	The light will pulse green at 10% brightness 3 times.
Checking the Battery Charge Level	You can check the B7c charge level in any mode. To perform a check, simultaneously press the "+" and "-" buttons.	The bulb will pulse with blue light, with the number of pulses corresponding to its charge level. 1 Pulse = 0-20% 2 Pulses = 20-40% 3 Pulses = 40-60% 4 Pulses = 60-80% 5 Pulses = 80-100%

Operation Instructions

1. Power On/Off

Press the power button in the center of the light to toggle the fixture on or off.
When in "Standby Mode," short-press the power button once to toggle the fixture on and off.
To fully shut down the fixture or to turn it off from a shutdown state, long-press the power button for 3 seconds.
When the bulb powers on from a standby or off state, it will resume its previous settings.

2. CCT Mode

You can toggle through the six built-in CCT presets by double-pressing power button: 2000K, 2700K, 3200K, 4300K, 5500K, 6500K. You can also adjust the B7c's CCT more precisely between 2,000K-10,000K using the Sidus Link App.

3. Brightness

You can toggle through ten steps of brightness adjustment using the onboard controls, or choose a precise output level using the Sidus Link App. Press the"+" button to increase the brightness or press the "-" button to decrease the brightness. This will cycle between 10 dimming presets between 10% to 100%. You can also adjust the brightness more precisely using the Sidus Link App.

4. Bluetooth Mode

Simultaneously long-press the power button and the "+" or "-" button for 5 seconds to reset the fixture's Bluetooth configuration. When the Bluetooth Reset sequence initiates, the bulb will proceed to pulse red, green, then blue in sequence. Then you can connect to the B7c using the Sidus Link App.

5. Power Supply Modes

This fixture can operate in two different power supply modes Standard (AC) Mode and Battery (DC) Mode.

Standard/AC Mode
In Standard (AC) Mode, the bulb behaves as a regular light bulb and turns on when it receives power from a lamp socket (E26/E27). When the lamp the bulb is installed in is switched off, the bulb will also immediately turn off.

Battery/DC Mode
In Battery (DC) Mode, the bulb switches to its internal battery power when it does not receive any AC power from a lamp. Switching between these states causes the light to turn off for a brief moment, before resuming its previous settings.

Switching Between Modes
To switch between the two modes, simultaneously press the power button, the "+" button, and the "-" button. To signify that it is in Standard (AC) Mode, the bulb emits a green glow at 30% brightness, and then slowly fades to 0%. To signify that it is in Battery (DC) Mode, it gradually fades into a green glow from 0% to 30% brightness.

Checking the Power Supply Mode
To determine which mode the bulb is currently in, long-press the power button for 3 seconds. If the light pulses green three times, the bulb is in Standard (AC) Mode. If the light turns on at 10% brightness, then the fixture is in Battery (DC) Mode.

6. Charging the Internal Battery

How to Charge the Battery
The B7c charges once it is inserted into a compatible lamp socket (E26/27) with power. If the LEDs are active and outputting light, the B7c's internal battery charges slowly. When the B7c is in standby mode or is powered off, the bulb charges more quickly and can complete a full charge cycle (0-100%) in approximately 2 hours.

If the bulb's internal temperature exceeds 45°C, a protection mechanism activates, and all charging processes cease until the light's internal temperature cools to below 45°C.

Battery Charging Speeds
In the fastest charging scenarios, the B7c can charge up to:
- 50% in 45 minutes
- 80% in 74 minutes
- 100% in 120 minutes

Checking the Charging Status
When the bulb is in standby mode or is powered off, press the "+" or "-" buttons to initiate a status check. If the battery is charging, the bulb will pulse three times at 3200K. If the battery is fully charged, the bulb will light up for 3 seconds at 3200K.

7. Preventing Overheating

The ambient operating temperature of the Accent B7c is -10 ~ 40°C. This product utilizes a built-in lithium battery. To enhance the battery's stability and longevity, we use high-temperature-resistant batteries, which can be used in an environment of -10 ~ 40°C.

Keeping the ambient temperature well below 40°C is recommended to ensure that the B7c does not experience any overheating issues. Facing the bulb upright also provides the best airflow; however, the B7c is operable in any position.
If the light enters a "Battery Protection Mode," it will be able to resume operation once the internal temperature of the components cools down.

Standard/AC Mode
In Standard (AC) Mode, if the bulb's internal temperature exceeds 80°C, it enters a "Battery Protection Mode," wherein the battery and LEDs are powered off to protect and cool the internal components.

Battery/DC Mode
In Battery (DC) Mode, if the bulb's internal temperature exceeds 70°C, the maximum output power of the light is reduced to 80%. Should the internal temperature continue to rise and exceed 73°C, the light enters a "Battery Protection Mode," wherein the battery and LEDs are powered off to protect and cool the internal components.

8. Sidus Link App Control

1) Sidus Link App Control allows you to more precisely adjust all of the output settings of the Accent B7c, including fine-tuning CCT and brightness, in addition to accessing the light's HSI color-tunability, and nine built-in lighting effects, including Paparazzi, Fireworks, Faulty Bulb, Lightning, TV, Party, Pulsing, Cop Car, and Fire.

2) Using the Sidus Link APP

You can download the Sidus Link app from the iOS App Store or Google Play Store to enhance the light's functionality. Please visit sidus.link/app/help for more details regarding how to use the app to control your Aputure Lights.

Get Sidus Link® App

Sidus.link/app/help

Specifications

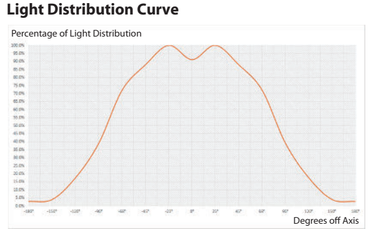
CCT	2,000K-10,000K
CRI	95+ (2,500K-10,000K)
TLCI	96+ (2,500K-10,000K)
CQS	95+ (ave. 2,500K-10,000K)
SSI (Tungsten)	85
SSI (D55)	74
Lumens	570
Lamp Socket Type	E26/E27
Control Methods	On-board Controls, Sidus Link App
Wireless Connectivity	Bluetooth Mesh
Voltage Input	100V~240V
Current Input	≤0.25A
Power Input Maximum	12W
Power Output Maximum (LED Light Source)	7W
Operation Temperature	-10~40°C
Lithium-polymer Battery	1300mAh 7.4V
Charging Time	2h (When in standby mode or powered off)
Battery Life	Max Brightness: 70+minutes; Min. Brightness: 20+hrs
Cooling Mode	Passive Cooling
Dimension	φ70mm*118mm/φ2.75*4.64in
Weight	240g/0.529lb

Photometrics

CCT	0.3M	0.5M	1M	2M
2000K	470 lux	180 lux	46 lux	12 lux
2700K	860 lux	330 lux	87 lux	22 lux
3200K	885 lux	345 lux	89 lux	23 lux
4300K	970 lux	370 lux	100 lux	26 lux
5500K	1095 lux	430 lux	110 lux	28 lux
6500K	1180 lux	460 lux	124 lux	32 lux

** This data reflects the average illuminance of the light at these distances. The actual values may shift slightly between different lights.*
*** These luminance values are measured at the brightest point of the bulb, directly above the fixture.*

Light Distribution Curve



Detailed product manual can be found on www.aputure.com

Aputure® | GUARANTEE CARD

Serial No.		
Item Name		
Purchase Date		
Buyer Name		
Buyer Phone		
Buyer Add		
Franchiser Seal		

Aputure®
Aputure Imaging Industries Co., Ltd.
Inspection: Qualified
Add: F3, Building 27, Longxi Industrial Estate, Heping West Road, Shenzhen, Guangdong

Service Warranty (EN)

Aputure Imaging Industries Co., Ltd. warrants the original consumer purchaser that the product will be free from defects in workmanship for one (1) year after the date of purchase. For more details of warranty, visit www.aputure.com

Important:
Keep your original sales receipt. Be sure the dealer has written on it the Serial No. of the product. This information is required for warranty service.

This warranty does not cover:
- Damage that is the result of misuse, abuse, accident (including but not limited to damage by water), faulty connection, defective or inadequate power supply, modification, the use of the product with equipment for which it was not intended.
- Cosmetic defects that appear more than thirty (30) days after the date of purchase. Cosmetic damage caused by improper handling is not covered.
- Damage that occurs while the product is being shipped to whoever will service it.

This warranty is void if:
- The product identification or serial No.label is removed or defaced in any way.
- The product is serviced or repaired by any one other than Aputure or an authorized Aputure dealer or service agency.

Aputure Imaging Industries Co., Ltd.
Add: F3, Building 27, Longxi Industrial estate,
HePing West Road, Shenzhen, Guangdong
E-Mail: support@aputure.com
Sales Contact: (86)0755-83285569413

折页方式：

为折线(不印刷)

折页成型（英文在正面）：

Aputure® 深圳市爱图仕影像器材有限公司			
设计项目	146 说明书	图号	AP-146-PR-01
尺寸(mm)	400*240mm 折页尺寸：80*120mm	版本	V1.0
材质工艺	70g 书纸，正反两面印刷	设计师	Ingrid
		日期	20200925
备注	料号：514600060003		

Aputure

Accent B7c

使 用 者 指 南

中 文

感谢！

感谢您购买Aputure产品---Accent B7c,这是一款为电影制作者设计的RGBWW智能灯泡。

重要提示

警告：当长时间通电时，灯泡外壳的温度会迅速上升。触摸外壳时请特别小心，尤其是使用灯体上按键调整设置时。

- 使用前请认真阅读并理解本使用者指南。
- 妥善保管使用者指南。将产品交给他人使用时，请务必附带本使 用者指南。
- 请用软布、干布清洁本产品。
- 请小心使用，避免使用时掉落、碰撞，损坏灯泡。
- 请勿将本产品放置在温度过高的地方，高温可能导致产品过热或故障。
- 请勿将本产品置于液体或其他易燃，易挥发溶剂附近，避免损坏产品
- 如果您在使用本产品时遇到任何问题，请由授权服务或维修代理进行检查。请注意，本保修不适用于因未经授权的拆卸而需要的任何维修，尽管您可能会在收费的基础上要求此类维修。
- 本产品已经过RoHS和CE认证，请参考相关国家标准使用和操作。因使用操作不当而造成机器损坏，不在保修范围内，但用户可以付费维修。
- 此使用者指南依据本公司严格测试制定。设计和规格如有变更，恕不另行通知。

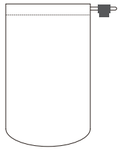
设备的规范使用

Aputure Accent B7c规范使用包括：

- 仔细阅读本使用者指南。
- 在本使用者指南规定的工作条件下使用和保存本产品。
- 如不按照本使用者指南使用产品，或不遵守规定的工作或保存条件，将被视为违规使用。

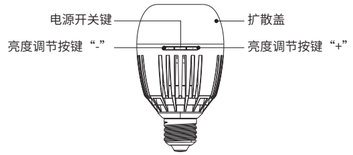
物品清单

Accent B7c (1 pc)



便携袋 (1 pc)

产品视图



快速入门颜色代码指南

由于B7c没有显示屏，我们已经编程了一些颜色序列来表示不同的功能。这里有一个快速参考指南。

功能	触发	显示特征
蓝牙重置	同时按下电源按钮和“+”或“-”按键。	灯会按红、绿、蓝闪亮。
充电状态	当灯泡处于待机或关机状态，按“+”或“-”按键。	灯以3200K时10%的亮度，呼吸灯光效闪亮3次。
充满电	当灯泡处于待机或关机状态，按“+”或“-”按键。	灯以3200K时10%的亮度持续亮3秒。
切换AC模式	同时按住电源按钮和“+”和“-”三个按键。	灯泡以30%的亮度（绿色）逐渐降低至0%。
切换电池模式	同时按住电源按钮和“+”和“-”三个按键。	灯泡的亮度（绿色）会渐变到30%。
检查AC模式	长按电源键3秒，确认灯泡是否处于AC状态、在没有接入AC的情况下。	灯泡以10%的亮度（绿色）呼吸灯光效闪亮3次。
电量剩余指示	同时按住 “+”和“-”二个按键。	灯泡以0.5秒的频率（蓝色）呼吸灯光效闪亮，闪亮1次代表20%以内的电量，闪亮2次代表20~40%的电量，闪亮3次代表40~60%的电量，闪亮4次代表60~80%的电量，闪亮5次代表80~100%的电量。

操作

1. 开/关机

长按电源键来实现开关机。
当处于“待机模式”时，短按电源按钮一次以打开和关闭设备；长按电源按钮3秒，来关闭灯泡；当灯泡从待机或关闭状态通电时，它将恢复先前的设置。
当处于“待机模式”时，短按电源按钮一次以打开和关闭设备；长按电源按钮3秒，来关闭灯泡；当灯泡从待机或关闭状态通电时，它将恢复先前的设置。

2. CCT 模式

通过双击电源按钮可以切换6个内置CCT预设值：2000K、2700K、3200K、4300K、5500K、6500K。当然也可以使用Sidus Link应用程序在2000K-10000K之间更精确地调整产品的CCT。

3. 亮度

可以使用灯上按键来切换调整十个亮度档位，按“+”按钮增加亮度，或按“-”按钮降低亮度。这将在10%到100%之间的10个调光预设之间循环；或通过Sidus Link应用程序获取任意想要的亮度。

4. 蓝牙模式

同时按下电源按钮和“+”或“-”按钮重置设备上的蓝牙配置。当蓝牙重置序列启动后，灯泡将依次进入红色、绿色、蓝色脉冲闪亮。你可以使用Sidus Link应用连接到B7c。

5. 供电模式

当灯泡正常工作时有两种供电模式，分别是：普通的灯泡供电和内置电池放电模式。

标准/交流模式
在标准（AC）模式下，灯泡将表现为普通灯泡，并且仅当它从灯座（E26/E27）接收到电源时才会工作。也就是说当安装灯泡的电源关闭时，灯泡也将立即关闭。

电池/DC模式
在电池（DC）模式下，当灯泡未接收到任何交流电源时，灯泡将切换到其内部蓄电池工作。在这些状态之间切换会导致灯光在恢复之前的设置之前短暂关闭。

模式之间切换
同时按住power和“+”、“—”三个键可以切换这两种供电模式。当灯泡处于标准（AC）模式，它将发出绿色辉光，然后慢慢淡出。而当它处于电池（DC）模式时，灯泡会慢慢变亮，逐渐变为绿色。

检查灯泡模式状态
若要确定灯泡当前处于哪种模式，长按电源按键3秒钟。如果灯呈绿色闪烁三次，则表示灯泡处于标准（AC）模式。如果灯可以亮起工作，则灯泡处于电池（DC）模式。

6. 电池如何充电

B7c插入兼容的带电源的灯座（E26/27）中就会充电。如果灯泡是亮的，则充电缓慢。当B7c处于待机模式或断电时，灯泡可快速充电，可在大约2.5小时内完成一个完整的充电周期（0-100%）。

如果灯泡的内部温度超过45°C，保护机制就会启动，所有充电过程都会停止，直到灯泡的内部温度降至45°C以下。

电池充电速度
在最快的充电情况下，B7c充电为：
45分钟内50%
74分钟80%
120分钟内100%

检查充电状态
当灯泡处于待机或断电时，按“+”或“-”按钮可以启动状态检查。如果电池正在充电，灯泡将在3200K时闪亮三次。充满电，灯泡将在3200K时持续正常亮3秒。

7. 过温保护

B7c的工作环境温度为-10～40°C。本产品采用内置锂电池。为了提高电池的稳定性和寿命，我们使用耐高温电池，它可以在-10~40°C的环境中使用。

建议将环境温度保持在40°C以下，以确保B7c不会出现任何过热问题。直立灯泡能提供最佳气流；但是在任何位置下都可以操作。如果灯泡进入了“电池保护模式”，待内部温度冷却后它又将能够恢复工作。

标准/交流模式
在标准（AC）模式下，如果灯泡内部温度超过80°C，它将进入“电池保护模式”，灯泡停止工作，以保护和冷却内部组件。

电池/DC模式
在电池（DC）模式下，如果灯泡内部温度超过70°C，灯的最大输出功率将降低到80%。如果内部温度继续升高并超过73°C，则指示灯进入“电池保护模式”，灯泡停止工作，以保护和冷却内部组件。

8. Sidus Link功能

1）通过Sidus Link应用程序可以更精确地调整产品的所有输出设置，包括微调CCT和亮度，此外还可以访问灯光的HSI颜色可调性，以及九种内置光效，包括狗仔队模式、烟花模式、故障灯模式、闪电模式、电视模式、聚会模式、脉搏模式、警车模式、火焰模式。

2) Sidus Link APP 的使用

您可以在App store和安卓市场搜索sidus link下载专业控制软件来控制爱图仕灯具，更多详细使用方法请访问:sidus.link/app/help

获取 Sidus Link®App

Sidus.link/app/help

规格参数

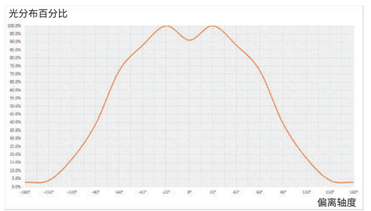
CCT	2000K-10000K
CRI	95+ (2500K-10000K)
TLCI	96+ (2500K-10000K)
CQS	95+ (ave. 2,500K-10,000K)
SSI (Tungsten)	85
SSI (D55)	74
流明	570
灯座类型	E26/E27
控制方法	Sidus Link在线控制
无线连接	蓝牙网
输入电压	100V~240V
输入电流	≤0.25A
最大输入功率	12W
LED最大输出功率	7W
工作温度	-10~40°C
电池规格	1300mAh 7.4V
充电时间	2h (在待机和关机状态下)
放电时间	最大亮度 70分钟；最小亮度 20h
散热方式	被动散热
外形尺寸（直径x高度）	ϕ70mm*118mm/ϕ2.75*4.64in
重量	240g/0.529lb

亮度测试数据

色温	0.3M	0.5M	1M	2M
2000K	470 lux	180 lux	46 lux	12 lux
2700K	860 lux	330 lux	87 lux	22 lux
3200K	885 lux	345 lux	89 lux	23 lux
4300K	970 lux	370 lux	100 lux	26 lux
5500K	1095 lux	430 lux	110 lux	28 lux
6500K	1180 lux	460 lux	124 lux	32 lux

** 亮度为平均数据，不同灯的亮度会有微小差异。*
*** 这些亮度值是在灯泡的最亮点测得的，就在它的正上方。*

光分布曲线



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检验：合格
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