

# ZENIT® B200

BATTERY POWERED OUTDOOR WASH LIGHT



## FEATURES

- ✓ 21 x 15 W RGBW Cree LEDs with 4,500 lm total output for uniform colour mixes
- ✓ Long-life super capacity LG Chem lithium-ion battery for reliable operation
- ✓ Battery Management System prevents overcharging and exhaustive discharge
- ✓ 21° beam and 40° field angles without diffuser
- ✓ Optional SnapMag® filter frames for 25°, 45°, 100° or elliptical 60° x 10° beam angle selection and installation without tools or dismantling
- ✓ Built-in 2.4 GHz W-DMX™ transceiver
- ✓ Wireless master and slave operation
- ✓ W-DMX™, RDM, DMX or IR control plus standalone modes with automated programs
- ✓ IP65 rating for permanent outdoor use
- ✓ Convection cooling for noiseless operation
- ✓ 16-bit technology for high-resolution colours and dimming
- ✓ Emergency lighting functionality

## DESCRIPTION

With built-in wireless DMX, battery operation and IP65 rating, the Cameo ZENIT® B200 is ready for demanding indoor and outdoor lighting applications. The highly professional wash light is equipped with twenty-one 15W RGBW Cree LEDs with a 50,000 hour lifetime and powerful 4,500 lm output for brilliant, uniform colours. A polyethylene and tempered glass lens provides a 21° beam spread.

For maximum versatility, the ZENIT® B200 sports Cameo's innovative SnapMag® technology. It allows you to add filter frames in less than a second without the need for tools or dismantling. Magnetic SnapMag® frames with precision light shaping diffusers and a 4-way barn door are available as dedicated accessories.

In addition to RDM, seven modes of DMX and IR remote or manual control via the fixture's display the ZENIT® B200 incorporates a 2.4 GHz W-DMX™ transceiver. Developed by Wireless Solution Sweden AB, W-DMX™ has become the unofficial standard for professional wireless lighting control. The luminaire's super capacity lithium-ion battery is made by LG Chem providing reliable RGBW mode performance up to 24 hours from a single charge, and the smart battery management system prevents overcharging and exhaustive discharge for extended battery life.

Sporting six selectable PWM frequencies up to 25,000 Hz and convection cooling for flicker-free and noiseless performance, the ZENIT® B200 is perfectly suitable for motion picture and TV applications. It utilises high-resolution 16-bit colour mixing and dimming and includes a choice of dimming curves with adjustable response plus temperature correction. The aluminium housing features a bright 4-button OLED display for easy configuration. The ZENIT® B200 can also be used for emergency lighting when connected to a DC outlet and comes with an IR remote control, omega mounting bracket and power cord.



Features and specifications  
subject to change without notice.

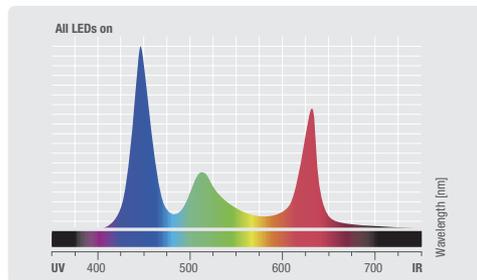
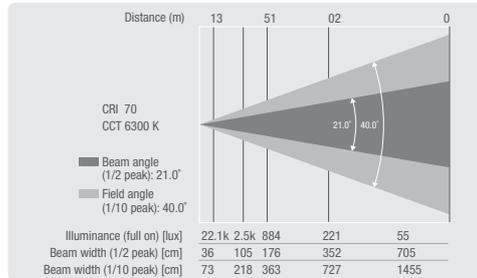
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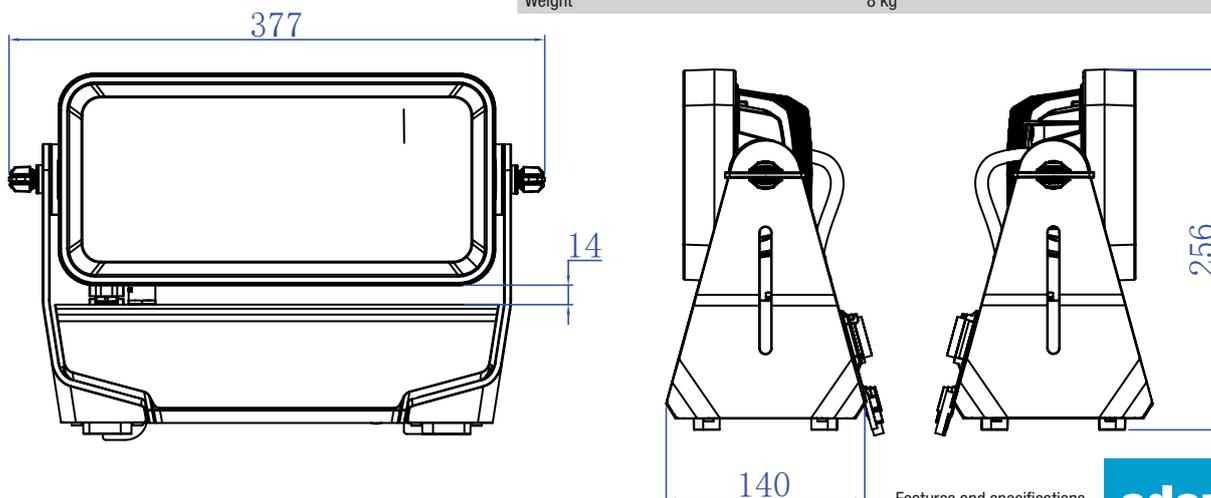
## PHOTOMETRICAL DATA



Luminous flux	Chromaticity coordinates	
All LEDs on	4500 lm	xy 0.280 0.210
Red	1767 lm	xy 0.690 0.300
Green	3215 lm	xy 0.122 0.670
Blue	670 lm	xy 0.154 0.026
White	3440 lm	xy 0.310 0.320

## SPECIFICATIONS

Product type	LED Outdoor Wash Light
Type	ZENIT
Colour spectrum	RGBW
Number of LEDs	21
LED type	15 W Cree
Average LED lifetime	50000 hrs.
Refresh rate	Adjustable: 800Hz, 1200Hz, 2000Hz, 3600Hz, 12000Hz, 25000 Hz
Dispersion	21° Beam, 40° Field (without diffusor) °
Lens	PE and tempered glass
DMX input	5-pin IP65
DMX output	5-pin IP65
DMX mode	15-channel, 2-channel, 3-channel, 8-1 Channel, 8-2 Channel, 10-channel, 4-channel
DMX Functions	auto programs, strobe, colour macro, CTC (Colour Temperature Correction), Dimmer, Dimmer Curve, Dimmer Fine, Dimmer Response, RGBW, RGBW Fine
Standalone modes	colour macro, master / slave mode, Settings, Static, Tunable White, auto programs, system info, User Colours
Controls	Value Down, Value Up, Enter, mode
Indicators	OLED Display
Operating voltage	100 V AC - 240 V AC, 50 - 60 Hz
Power consumption	180 W
power factor	0.99 PF (120V) / 0.96 PF (230V)
Power connector	IP65
Power supply connection	IP65
Housing material	aluminium
Cabinet colour	Black
Protection class IP	IP65
Battery type	LG F1L
Battery capacity	298 Wh
Battery operation time at maximum load	up to 24 hours
Charging time	4h
Cooling	Convection
Luminous flux	6600 lm
Efficiency	25 lm/W
Operating Temperature	0 - -40 °C
Accessories (included)	Power cord, 1 x omega mounting
Other features	ETL certified
<b>Dimensions including Mounting Bracket</b>	
Width	377 mm
Length	240 mm
Height	256 mm
Weight	8 kg



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