ZENIT® W300i

OUTDOOR LED WASH LIGHT FOR FIXED INSTALLATION

FEATURES

- 21 × 15 W RGBW LEDs with 11,000 lm luminous flux for intense, uniform mixing of colours
- Configuration only possible via RDM or with the ZENIT® REMOTE DISPLAY CONTROLLER (CLZIEXDISP) - available separately
- 18° beam angle and 35° field angle without a diffuser
- Optional SnapMag® filter frames for flexible symmetric and asymmetric beam angles, installation possible without tools or securely fastened
- IP67 rating for permanent outdoor use
- C5-M certified anti-corrosion coating
- High-resolution colour mixing and dimmer response with 16-bit technology
- Control via DMX, RDM (via DMX) and automated programmes
- Temperature-controlled fans for optimised, silent operation

DESCRIPTION

A wide mosaic of colours is increasingly being used to light buildings and other objects. Both lighting designers and the field of lighting technology are being put to the test by this boom in architectural lighting. Extremely reliable spotlights that operate over prolonged installation periods and in all kinds of weather are required here. The ZENIT® W300i provides lighting designers and architects with another version of the compact ZENIT® W300 Wash Light that's been specifically designed for permanent installations.

With 21 x 15 W RGBW LEDs in total, the ZENIT® W300i powerfully projects up to 11,000 lm precisely onto any structure, whether it's a bizarre building, rough facades or nature's diverse range of architectural creations. Lighting designers can use the sophisticated 16-bit technology for high-resolution colour mixing and dimming to create intense, uniform coloured or white patterns, bathing even the largest buildings in perfect light. The ZENIT® W300i is transformed into a versatile professional architectural lighting tool when it's combined with the built-in colour temperature correction (CTC) and LED colour correction features and selectable dimming curves, including the option to simulate a halogen lamp's dimming behaviour. Initial set-up can be easily carried out using RDM or the optionally available external display (item no.: CLZIEXDISP).

Compared to its bigger counterpart - the ZENIT® W600i (40 × 15 W; 21,000 lumens) - the ZENIT® W300i has smaller housing dimensions, making it is even more suitable for lighting objects in almost any location and from any angle. Lighting designers and technicians have nothing to worry about here: The W300i is IP67 rated and optimally protected against temporary submersion. Even harsh maritime environments are no big challenge thanks to the C5-M certified housing coating.

Maximum flexibility is ensured with the ZENIT® W300i thanks to Cameo's innovative SnapMag® technology. It makes it possible to attach the optional filter frames and their integrated precision diffusion lenses with magnets in a matter of seconds so that you can change the beam angle without any tools or having to take the spotlight apart. In addition, the SnapMag® filter frames on the ZENIT® W300i can also be screwed tight to the housing to prevent accidental removal.

More than just live events get to benefit from the quality of the ZENIT®

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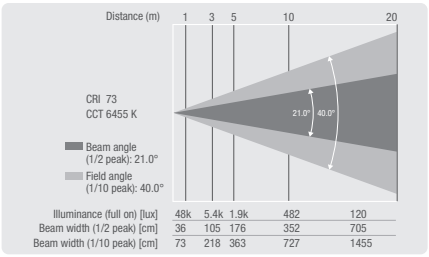
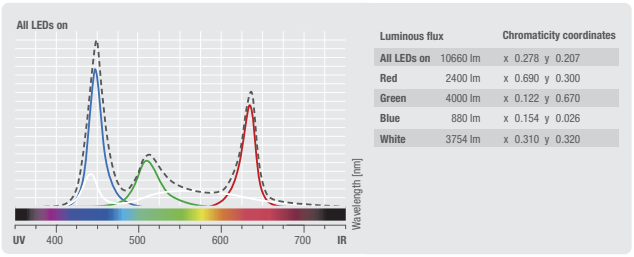
series with the ZENIT® W300i. Architects, planners, lighting designers and rental service providers increasingly involved in architectural lighting projects can now also profit from the compact outdoor wash light's impressive light output, colour quality and reliability.

PHOTOMETRICAL DATA





Luminous flux		Chromaticity coordinates
All LEDs on	10660 lm	x 0.278 y 0.207
Red	2400 lm	x 0.690 y 0.300
Green	4000 lm	x 0.122 y 0.670
Blue	880 lm	x 0.154 y 0.026
White	3754 lm	x 0.310 y 0.320

SPECIFICATIONS

Product type	LED Outdoor Wash Light
Type	ZENIT
Colour spectrum	RGBW
Number of LEDs	21
LED type	15 W
Refresh rate	800 Hz, 1200 Hz, 2000 Hz, 3600 Hz, 12 kHz, 25 kHz - adjustable Hz
Dispersion	Beam Angle: 18 - Field Angle: 35 °
Lens	PE and tempered glass
DMX input	Block connector / RJ45
DMX output	Block connector / RJ45
DMX mode	10-channel, 15-channel, 2-channel, 3-channel, 4-channel, 8-1 Channel, 8-2 Channel
DMX Functions	Auto programs, colour macro, CTC (Colour Temperature Correction), Dimmer, Dimmer Curve, Dimmer Fine, Dimmer Response, RGBW, RGBW Fine, strobe
Operating voltage	100 V AC - 240 V AC, 50 - 60 Hz
Power consumption	250 W
power factor	0.95 / 230 V, 0.99 / 120 V
Housing material	Die-cast aluminium
Cabinet colour	Black
Protection class IP	IP67
Cooling	Comination of Heat Pipe and Temperature Controlled Fan
Luminous flux	11000 lm
Efficiency	37.2 lm/W
Operating Temperature	-15 - 45 °C
Accessories (included)	DMX Cable
Total dimensions	Convection
Width	463 mm
Length	161 mm
Height	291 mm
Weight	8 kg

Features and specifications subject to change without notice.

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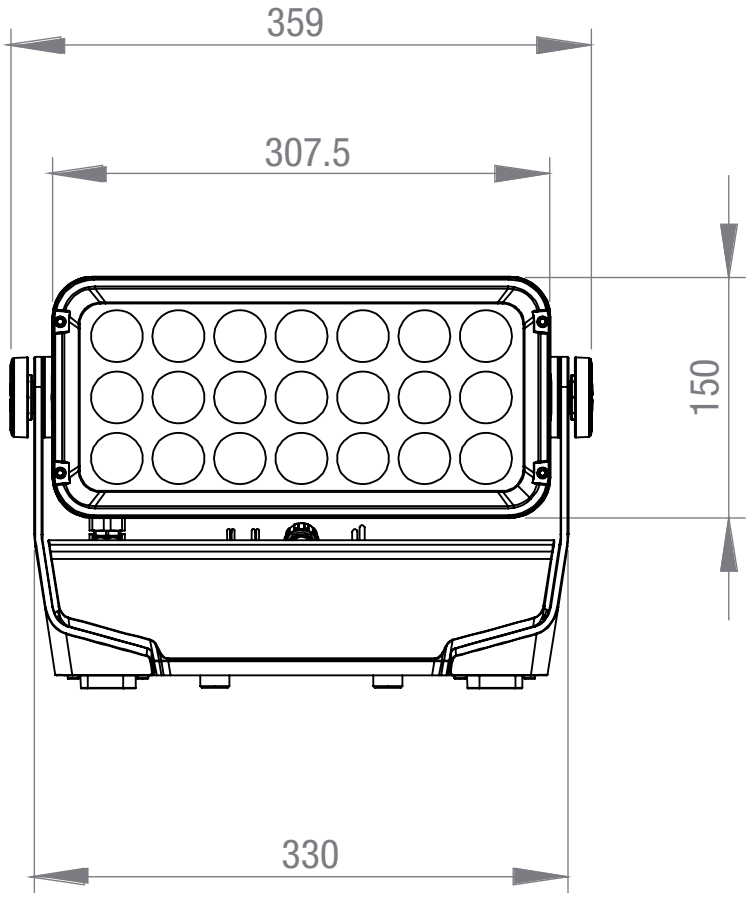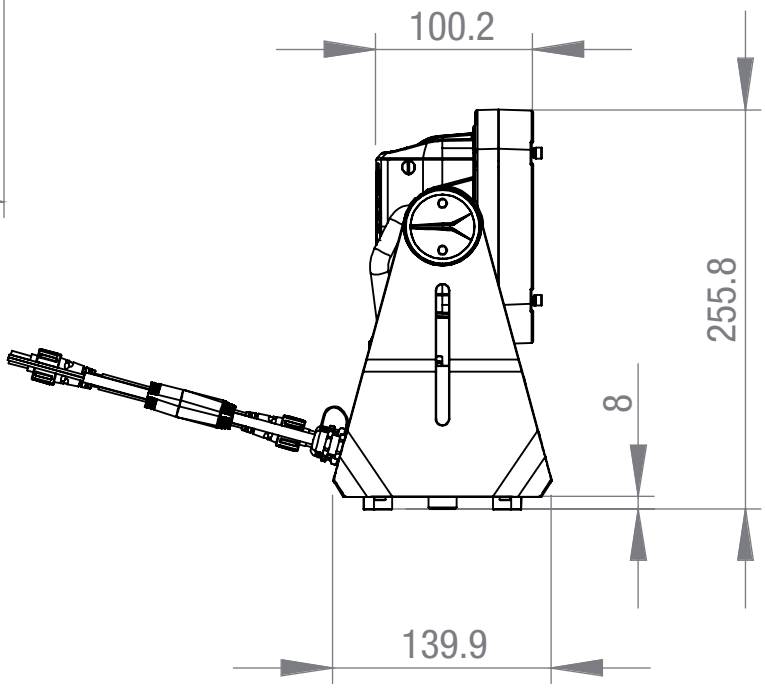
DIMENSIONS (mm)