ZENIT® W600 SMD
OUTDOOR SMD LED WASH LIGHT AND STROBE
RGBW VERSION

cameo®

FEATURES

▶ Featuring a total of 504 SMD 4-in-1 LEDs with up to 41,000 lm luminous flux for extreme brightness

▶ Precise and high-resolution colours, as well as mixed colours in the RGBW spectrum

▶ 12 individually controllable segments

▶ Boost in blinder mode for temporarily increased output

▶ IP65 rated for permanent outdoor use

▶ High-resolution dimmer response thanks to 16-bit technology

▶ 2,700 - 6,500 K colour temperature and CRI 85 for uncompromised colour reproduction

▶ Integrated 2.4 GHz W-DMX™ transceiver

▶ Control via W-DMX™, DMX and RDM (via DMX and W-DMX™)

▶ Temperature-controlled fans for optimised low-noise operation

DESCRIPTION
Designed for discerning lumen beings

With the ZENIT® W600 SMD, you, as a lighting and event technician, can deliver an extremely bright and uniform floodlight in the RGBW spectrum with a high output of up to 41,000 lm. The ZENIT® has been designed in accordance with protection class IP65 for demanding, permanent outdoor use at medium-sized and large professional events up to the lighting of television shows. The W600 SMD is equipped with 504 SMD LEDs and is ideal for use as a floodlight, as well as for stage effects such as strobes or running lights.

Wireless control and fine segment control

The ZENIT® W600 SMD can be controlled via RDM and DMX. A 2.4 GHz W-DMX™ transceiver from Wireless Solution Sweden is also integrated to enable cable-free control as well as wireless master and slave operation. The powerful W600 SMD facilitates precise, independent control of a total of 12 segments via pixel control, even across multiple spotlights.

High-resolution dimmer response and colour mixing with 16-bit technology

Advanced 16-bit technology ensures high-resolution colours, mixed colours, and optimal dimmer response. You can choose between four dimmer curves, and you can also simulate the dimming characteristics of a classic halogen lamp. You also benefit from the wide beam angle of 118° to ensure intense and consistent colours.
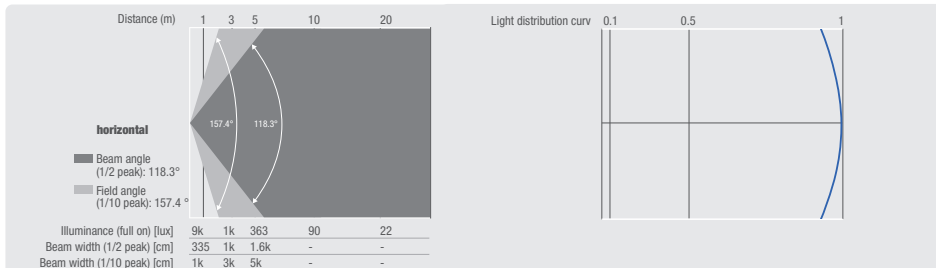
Sophisticated cooling concept

Three temperature-controlled fans provide reliable cooling in the cast aluminium housing. Depending on the sound sensitivity of the event, you can choose between three preconfigured modes, such as automated fan control or convection cooling for noiseless operation. The ZENIT® W600 SMD is your perfect tool for highly professional lighting, with features including output capability, precise colours and ease of use.

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PHOTOMETRICAL DATA

horizontal

Beam angle (1/2 peak): 118.3°
Field angle (1/10 peak): 157.4 °

Distance (m)	1	3	5	10	20
Illuminance (full on) [lux]	9k	1k	363	90	22
Beam width (1/2 peak) [cm]	335	1k	1.6k	-	-
Beam width (1/10 peak) [cm]	1k	3k	5k	-	-

157.4° 118.3°

vertical

Beam angle (1/2 peak): 105.5°
Field angle (1/10 peak): 145.5 °

Distance (m)	1	3	5	10	20
Illuminance (full on) [lux]	9k	1k	363	90	22
Beam width (1/2 peak) [cm]	263	789	1.3k	-	-
Beam width (1/10 peak) [cm]	644	1.9k	3.2k	-	-

145.5° 105.5°

Light distribution curv 0.1 0.5 1

	Luminous flux	Chromaticity coordinates	CCT	R_a
Full on	26184 lm	x 0.302 y 0.319	2400-6800	85
Red		x 0.679 y 0.304		
Green		x 0.204 y 0.650		
Blue		x 0.154 y 0.042		
White		x 0.302 y 0.319		
3200K		x 0.430 y 0.391		
5600K		x 0.347 y 0.342		

Full on

UV 400 500 600 700 IR
Wavelength [nm]
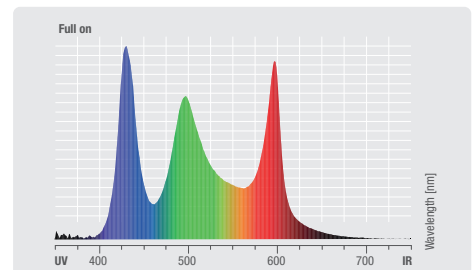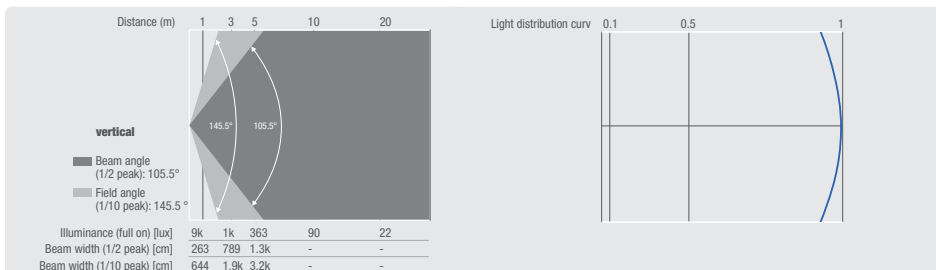
SPECIFICATIONS

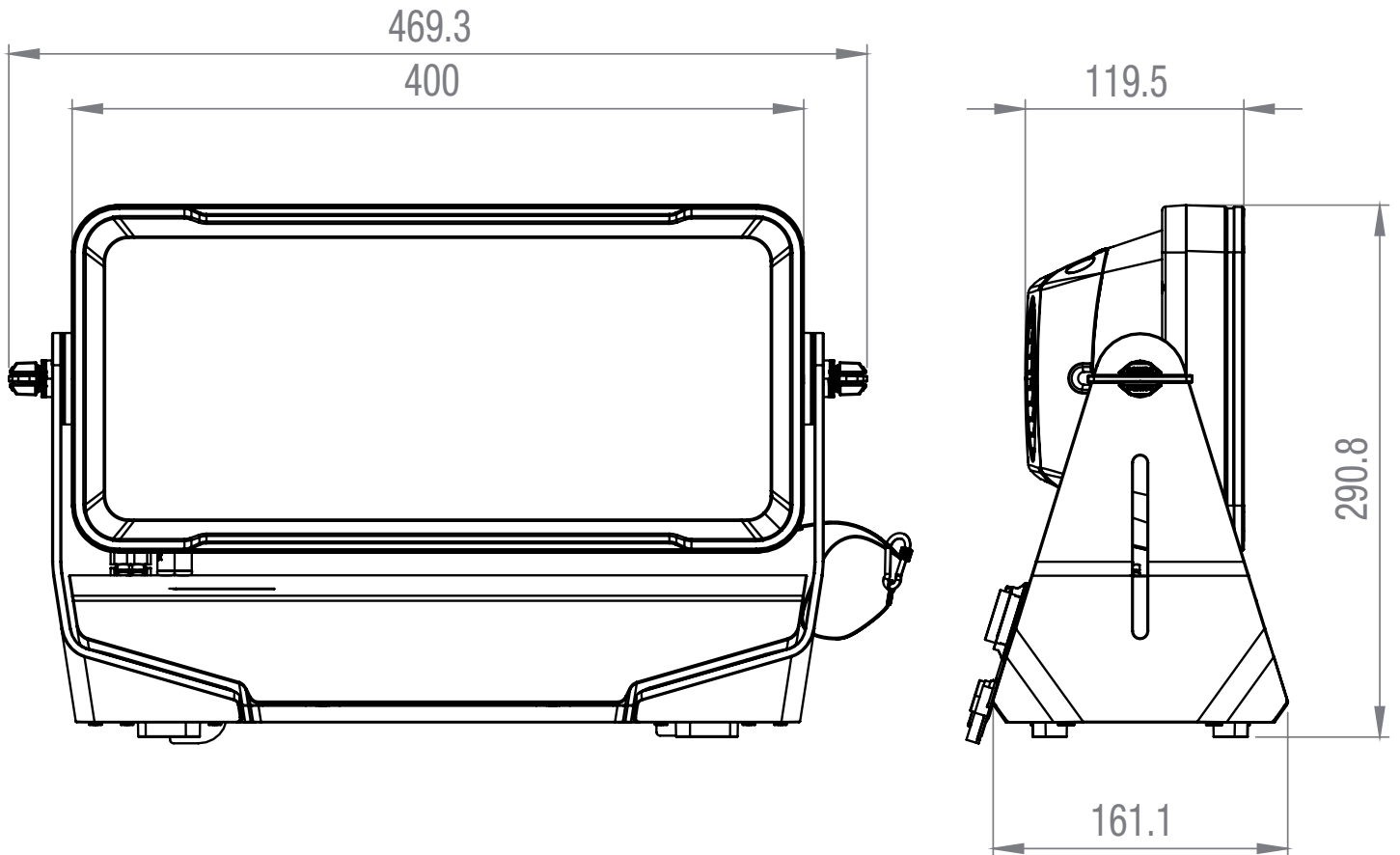|	
Product type	LED Outdoor Wash Light
Type	Outdoor
Colour spectrum	RGBW
Number of LEDs	504
LED type	4in1 SMD
LED PWM Frequency	800 Hz, 1200 Hz, 2000 Hz, 3600 Hz, 12 kHz, 25 kHz - adjustable
Refresh rate	Adjustable
Dispersion	118° (without SnapMag® filter frame)
Lens	PE and tempered glass
DMX input	5-pin IP65
DMX output	5-pin IP65
DMX mode	5-channel, 4-channel, 3-channel, 2-channel 2, 2-channel 1, 1-channel
DMX Functions	System settings, Strobe Duration, strobe, Dimmer Response, Dimmer Fine, Dimmer Curve, Dimmer
Standalone modes	Static, Master / Slave mode

Controls	Value Down, Utility, Mode, Enter
Indicators	OLED Display
Operating voltage	100 V AC - 240 V AC, 50 - 60 Hz
Power consumption	580 - 1100 W
Power supply connection	PowerCON TRUE1 compatible
Housing material	Aluminium
Cabinet colour	Black, Black
Protection class IP	IP65
Cooling	Temperature controlled fan (IP65)
Luminous flux	41000 lm
Ambient temperature (operating)	-15 - 40 °C
Accessories (included)	Power cord, 2 x omega mounting
Width	463 mm
Length	291 mm
Height	161 mm
Weight	13 kg

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DIMENSIONS (mm)

469.3
400
119.5
290.8
161.1

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