ZENIT® W600 D SMD
OUTDOOR SMD LED WASH LIGHT AND STROBE
DAYLIGHT VERSION

FEATURES

▶ Featuring a total of 576 daylight SMD LEDs with up to zu 90,000 lm luminous flux for extreme brightness

▶ 48 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

▶ 5,700 K colour temperature and CRI <80

▶ 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 D SMD, you, as a lighting and event technician, can deliver an extremely bright, daylight-like floodlight with a high output of up to 90,000 lm. The ZENIT® fixture 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 576 SMD

Wireless control and fine segment control

The ZENIT® W600 D 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 daylight model W600 D SMD facilitates precise, independent control of a total of 48 segments via pixel control, even across multiple spotlights.

High-resolution dimmer response with 16-bit technology

Advanced 16-bit technology ensures a high-resolution 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 104° to ensure intense and consistent floodlighting.

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.
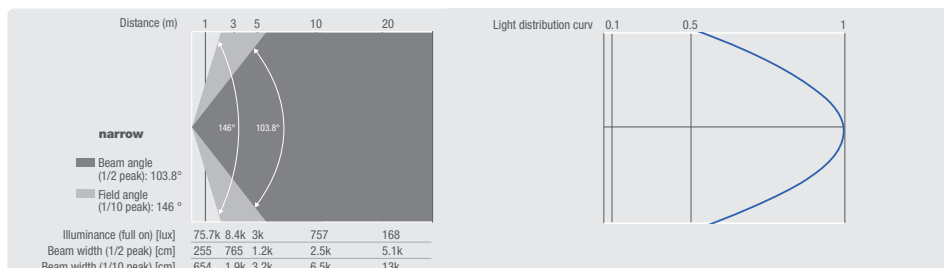
The ZENIT® W600 D SMD is your perfect tool for highly professional lighting, with features including output capability, stage-ready control and ease of use.?
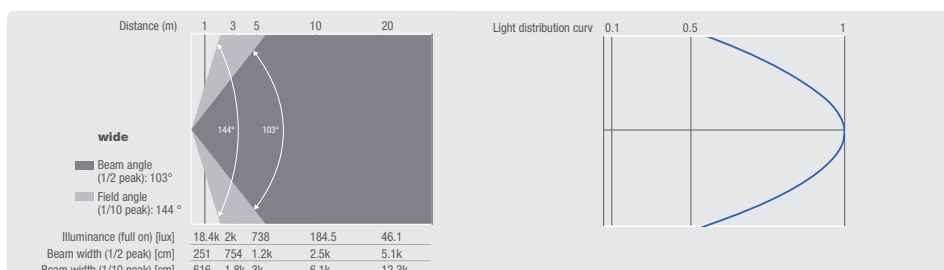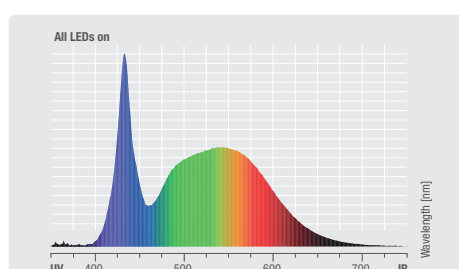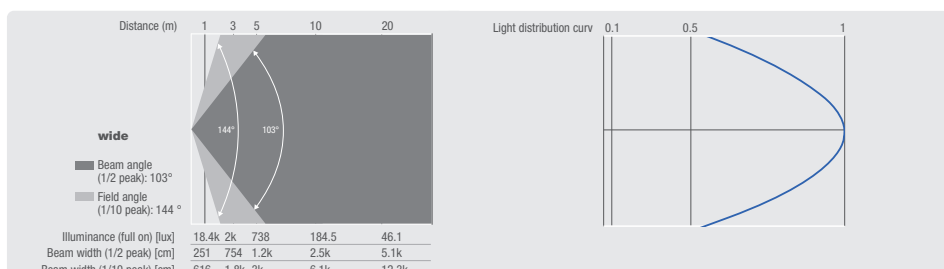
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cameo®

PHOTOMETRICAL DATA

narrow

Distance (m): 1 3 5 10 20

Beam angle (1/2 peak): 103.8°
Field angle (1/10 peak): 146 °

146° 103.8°

	1	3	5	10	20
Illuminance (full on) [lux]	75.7k	8.4k	3k	757	168
Beam width (1/2 peak) [cm]	255	765	1.2k	2.5k	5.1k
Beam width (1/10 peak) [cm]	654	1.9k	3.2k	6.5k	13k

Light distribution curv 0.1 0.5 1

wide

Distance (m): 1 3 5 10 20

Beam angle (1/2 peak): 103°
Field angle (1/10 peak): 144 °

144° 103°

	1	3	5	10	20
Illuminance (full on) [lux]	18.4k	2k	738	184.5	46.1
Beam width (1/2 peak) [cm]	251	754	1.2k	2.5k	5.1k
Beam width (1/10 peak) [cm]	616	1.8k	3k	6.1k	12.3k

Light distribution curv 0.1 0.5 1

wide

Distance (m): 1 3 5 10 20

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144° 103°

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Light distribution curv 0.1 0.5 1

	Luminous flux	Chromaticity coordinates	CCT	R_a
Full on	46000 lm	x 0.320 y 0.325	6100	85

All LEDs on

UV 400 500 600 700 IR
Wavelength [nm]

SPECIFICATIONS

Product type	LED Outdoor Wash Light	Width	463 mm
Type	ZENIT	Length	291 mm
Colour spectrum	Daylight, White	Height	161 mm
Number of LEDs	576	Weight	13 kg
LED type	Daylight SMD	Abmessungen (B x H x T, ohne Montage-bügel):	463 x 291 x 161 mm
Average LED lifetime	50000 hrs.		
Refresh rate	Adjustable	Gewicht (ohne Zubehör):	12,4 kg
Dispersion	104° (without SnapMag® filter frame)	Zubehör im Lieferumfang:	2 Omega-Bügel + Netzkabel
Lens	PE and tempered glass	Optional erhältliches Zubehör:	"Vorsatzstreuscheiben (25°, 45°, 100°, 60°x10°) Torklappe
DMX input	5-pin IP65		
DMX output	5-pin IP65		
DMX mode	1-channel, 2-channel 1, 2-channel 2, 3-channel, 4-channel, 5-channel	Duty Cycle Normal Mode	52,35%
DMX Functions	Dimmer, Dimmer Curve, Dimmer Fine, Dimmer Response, strobe, Strobe Duration	Duty Cycle Boost Mode	100% (für 3s)
Standalone modes	Master / Slave mode, Static		
Controls	Enter, Mode, Value Down, Value Up		
Indicators	OLED Display		
Operating voltage	100 V AC - 240 V AC, 50 - 60 Hz		
Power consumption	550 - 1050 W		
Power supply connection	PowerCON TRUE1 compatible		
Housing material	Aluminium		
Cabinet colour	Black		
Protection class IP	IP65		
Cooling	Temperature controlled fan (IP65)		
Luminous flux	90000 lm		
Operating Temperature	-15 - 45 °C		
Accessories (included)	2 x omega mounting, Power cord		

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DIMENSIONS (mm)

469.3

400

119.5

290.8

161.1