

Photometric Report

impression[&]
Wash
one



— since 1994 —

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Impression Wash One Photometric Report

Manufacturer: GLP German Light Products GmbH, Im Stöckmädle 13,
76307 Karlsbad, Germany

Product: Impression Wash One

Photometric Procedure: Date: 13.04.2011
Throw distance: 5m

Room Temperature: 25°C

Electrical Supply: U = 230 V AC / f = 50Hz

Electric Tension: U = 230 V

Current Draw: I = 2,106 A

Power consumption: 620W (RGB Full On)

Efficiency Factor: PF= 0,976

Luminarie efficiency: 100%

Data:

Zoom Super Beam

Half-Peak Angle: 3°
Luminance Center Beam RGB Full on: 29250 Lux
Luminance Center Beam Red Full on: 7812 Lux
Luminance Center Beam Green Full on: 16875 Lux
Luminance Center Beam Blue Full on: 3675 Lux

Zoom minimum

Half-Peak Angle: 7°
Luminance Center Beam RGB Full on: 13025 Lux / 3878 Lumen
Luminance Center Beam Red Full on: 3262 Lux / 958 Lumen
Luminance Center Beam Green Full on: 8100 Lux / 2379 Lumen
Luminance Center Beam Blue Full on: 1937 Lux / 569 Lumen
Color Temperature White: 3200 Kelvin – 13000 Kelvin

Zoom maximum

Half-Peak Angle:	60°
Luminance Center Beam RGB Full on:	375 Lux
Luminance Center Beam Red Full on:	95 Lux
Luminance Center Beam Green Full on:	215 Lux
Luminance Center Beam Blue Full on:	50 Lux

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1 Technical Specifications

Power supply	
Power consumption	700 VA (Watt)
Power input	Auto sensing 100-240 V AC, 50-60 Hz
Fuse protection	Micro-fuse 6.3x32 mm, T8A
Operational Parameters	
Max. ambient temp.	45°C / 113°F (integrated overheating switch)
Mounting position	Any (See Mounting chapter)
Lighting System - Additive Color mixing	
LED type	400W RGB LED Chipset
Lifetime	20.000 h
Shutter / Dimmer (8/16 Bit)	
Strobe Effect with variable speed between 1 & 50 flashes per second, Random strobe, Pulse effects	
Continuous dimmer 0 - 100%	
Focus (8/16 Bit)	
Motor driven focus from near (2 mtr.) to infinity	
Beam Shaper (8/16 Bit)	
Zoom (8/16 Bit)	

Zoom range 10° - 60°	
DMX Control	
Standard USITT DMX-512, 3/5 pole XLR; [+] = Pin 3 [-] = Pin 2 [Ground] = Pin 1.	
Pan / Tilt (8/16 Bit) - 3 phase stepper motor	
Pan- movement	660° (Position Feedback)
Tilt- movement	280° (Position Feedback)
Weights and Measures	
Width of the base	472 mm / 18.6 inch.
Length of the base	230mm / 9 inch.
Height (head vertical)	618mm / 24.3 inch.
Fixture weight	23 kg / 50.7 lbs.
Floor stand weight	2 kg / 4.4 lbs.

