

As with all GLP fixtures, the impression 300 RZ was built from the demand of users who wanted more, more, more – and we couldn't deny them.

Taking our biggest fixture, the impression XL and turning it into a zoom fixture with 300 Luxeon Rebel LEDs at its source, the 300 RZ offers an incredible output for the largest of performance spaces and gives full flexibility with a motorized zoom range of 10 to 26 degrees.

The vast number of LED's for each of its core red, green and blue colors, mean that the XL zoom doesn't lack in power. Power does not mean sacrifice though and the impression 300 RZ remains true to a refined design with no base giving it a lighter weight and making it easy to rig in the air, or on the floor. The large built in heat sink takes care of any excess heat generated leaving the 300 RZ to remain whisper quiet even when running at full power.

Whilst the 300 RZ can mix seamlessly with other impression fixtures, including smaller ones, its true flexibility comes in the zoom functionality. A tight 10 degree beam can widen out to 26 degrees, and combined with its accurate 16 bit movement, offers full and precise beam size and positioning. Full range dimming and a bright, fast variable shutter complement these and make the 300 RZ the most flexible high power LED washlight available.



IMPRESSION 300 RZ IN BRIEF

LIGHT SOURCE

Additive color mixing
297 Luxeon Rebel
high power LED's
Average service life:
50,000 hours

AVAILABLE VERSIONS

RGB - 105 red, 96
green, 96 blue LEDs

OPTICAL SYSTEM

Highly efficient collimator
cluster
Motorized zoom lens with
10° to 26° beam angle
Wavelengths are optimized
for max. visible color gamut

MOVEMENT

8 or 16 bit resolution
selectable
660° Pan / 300° Tilt
Position feedback
High precision stepper
motor control

SHUTTER/ DIMMER

Strobe-effect with variable
speed between 1-10 flashes
per second, random-strobe,
pulse effects
Continuous dimmer 0-100%

CONTROL

DMX-512 protocol
Three DMX modes available,
using up to 15 channels
Backlit graphic-LCD menu
with 2 illuminated buttons
Very quiet, temperature
controlled ventilation system

Convection cooling possible
if needed
Over-temperature protection
Internal color-presets

POWER SUPPLY

Power consumption:
1200 VA (Watt)
Power input: Auto sensing
100-240 V AC, 50-60Hz
Fuse protection: microfuse
6.3 x 32mm, T15A

CONNECTORS

DMX Data: XLR 3 pin in/out
DMX Data: XLR 5 pin in/out
Mains power:
Neutrik Powercon

OPERATING CONDITIONS

Maximum ambient temp.:
45°C / 113°F

MOUNTING OPTIONS

Omega bracket attachment
2 attachment points
for safety wire
Upright: tripod (supplied)
with brackets for ratchet belt
Hanging (vertical): M10 nut
with lockable installation
position for half coupler
or other clamp
Hanging (horizontal):
adjustable bar for sideways
truss installation (optional)

HOUSING COLORS

Black, white or silver as
standard
Other colors available
upon request

SHIPPING

Cardboard box
2 way tourpack
(complete with half couplers)
in flight case
4 way tourpack
(complete with half couplers)
in flight case

DIMENSIONS

Length x Width x Height
(head vertical):
200 x 550 x 515 mm / 7.8
x 21.6 x 20.2 inches

NET WEIGHT

24 kg / 52.9 lbs



impression[&]



www.impression.de

impression 120 RZ & 300 XL RZ
industry standard - zoomable

impression[&]
series

120 LUXEON REBEL

The Impression Zoom fixture has been born from the pedigree of the award winning Impression series of LED based moving head fixtures designed and engineered in Germany.

MOTORIZED ZOOM 10°-26°

Building on the proven performance reputation that the Impression brand has attained around the world, the Impression Zoom brings an automated zoom function to designers fingertips, combined with a new LED source.

PATENT PENDING INDIVIDUAL LENS SYSTEM ENSURES CONSISTENT RGB COLOR MIXING

The Key lighting designers told us, was not to lose any of the cool features from the original, including the design with no base unit, the smooth dimming, the even color mixing and the speed of operation. We've worked hard to achieve this goal and we think that you will like the results, too.

FAST & QUIET OPERATION

LED fixtures as a true professional light source have now been well and truly proved and the Impression Zoom takes the use and application of LED to another new level.

SMOOTH & EVEN DIMMING

MIXES EFFORTLESSLY WITH STANDARD IMPRESSION FIXTURE

NO BASE GIVES SLEEK & EFFICIENT DESIGN

The new Impression 120 RZ Zoom fixture has been born from the pedigree of the award winning Impression series of LED based moving head fixtures, designed and engineered in Germany.

Building on the proven performance reputation that the Impression brand has attained around the world, the Impression 120 RZ brings a motorized zoom function to designers fingertips, combined with a powerful new LED source.

The key, lighting designers told us, was not to lose any of the cool features from the original Impression, including the design with no base unit, the smooth dimming, the even color mixing, and the speed of operation.

We achieved this with a unit that can combine seamlessly with other Impression fixtures but give the added

advantage of zoom optics. It operates as quietly as the original Impression fixture so it won't upset even the quietest of performances.

Along with standard packaging, the Impression 120 RZ is available in a pre-packaged flight case made with either 4 or 6 units. These compact cases take up a fraction of the truck space compared to other fixture types, so now it is easy to reduce your packing time and reduce your environmental impact without sacrificing on your lighting design.

IMPRESSION 120 RZ IN BRIEF

LIGHT SOURCE

Additive color mixing
120 Luxeon Rebel high power LED's
Average service life: 50,000 hours

AVAILABLE VERSIONS

RGB - 42 red, 42 green, 36 blue LED's
WCC - 42 warm white (3200K), 78 cold white (7200K), allow continuously adjustable color temp.
WWC - 78 warm white (3200K), 42 cold white (7200K), allow continuously adjustable color temp.

OPTICAL SYSTEM

Highly efficient collimator cluster
Motorized zoom lens with 10° to 26° beam angle
Wavelengths are optimized for maximum visible color gamut

MOVEMENT

8 or 16 bit resolution selectable
Position feedback
Maximum speed: 660° pan in 2 seconds, 300° tilt in 1 second
High precision stepper motor control

SHUTTER/ DIMMER

Strobe-effect with variable speed between 1-10 flashes per second, random-strobe, pulse effects
Continuous dimmer 0-100%

CONTROL

DMX-512 protocol
Three DMX modes available, using up to 15 channels
Backlit graphic-LCD menu with 4 illuminated buttons
Very quiet, temp. controlled ventilation system
Convection cooling possible if needed
Over-temp. protection
Color calibration feature
Internal color-presets

POWER SUPPLY

Power consumption: 350 VA (Watt)
Power input: Auto sensing 100-240 V AC, 50-60Hz
Fuse protection: Micro-fuse 5x20mm, T 5A

CONNECTORS

DMX: XLR 3 pin
Mains voltage: Neutrik Powercon

OPERATING CONDITIONS

Maximum ambient temp.: 45°C / 113°F

MOUNTING OPTIONS

Omega bracket attachment
2 attachment points for safety wire
Upright: tripod (supplied) with brackets for ratchet belt
Hanging (vertical): M10 nut with lockable installation position for a half coupler or other clamp
Hanging (horizontal): adjustable bar for sideways truss installation (optional)

HOUSING COLORS

Black, white or silver as standard
Other colors available upon request

SHIPPING

Cardboard box
4 way tourpack (complete with half couplers) in flight case
6 way tourpack (complete with half couplers) in flight case

DIMENSIONS

Length x Width x Height (head vertical):
145 x 340 x 370 mm / 5.7 x 13.4 x 14.6 inches

NET WEIGHT

8kg / 17.6 lbs.



LD: Baz Halpin



LD: Paul Normandle

