

# impression

rgb 120-RZ



120 Luxeon Rebel LEDs

Motorized zoom 10-26 degrees

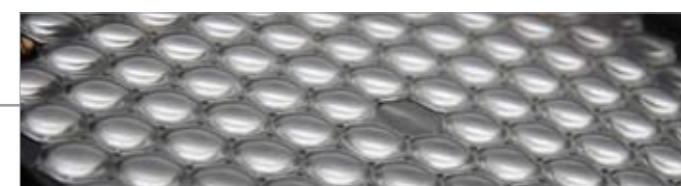
Patent pending individual lens system ensures consistent RGB color mixing

Fast, quiet operation

Smooth and even dimming

Mixes effortlessly with standard Impression fixtures

No base gives sleek and efficient design



### Introducing the impression 120 Rebel Zoom

The new 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.

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.

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 colour mixing, and the speed of operation. We've worked hard to achieve this goal and we think that you will like the results too.

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.

### The impression 120 RZ in brief

#### Power Supply

Power consumption: 350 VA (Watt)  
Power Input: ~100 – 240V AC, 50-60 Hz  
Fuse protection Micro fuse 5x20mm, T 4A

#### Operational Parameters

Max. Ambient temperature: 45°C (integrated overheating switch)

#### Mounting Position

Upright: Tripod bracket included  
Hanging (vertical): M10 nut with lockable installation position  
Hanging (horizontal): Adjustable bar for sideward truss installation (optional)  
Two attachment points for safety wires

#### Lighting System

Additive Color mixing  
LED Type 120 Luxeon Rebel High – Power – LEDs  
Lifetime 50.000h

#### RGB Model

42 green LEDs, 36 blue LEDs, 42 red LEDs, wavelength optimized for a maximum presentable color space.

#### Optical System

Zoomable optical system with 10° to 26° light distribution angle

#### Shutter / Dimmer

Strobe – Effect with variable speed between 1 – 15 flashes per second, Random – Strobe, Pulse Effects  
Continuous Dimmer 0 – 100%

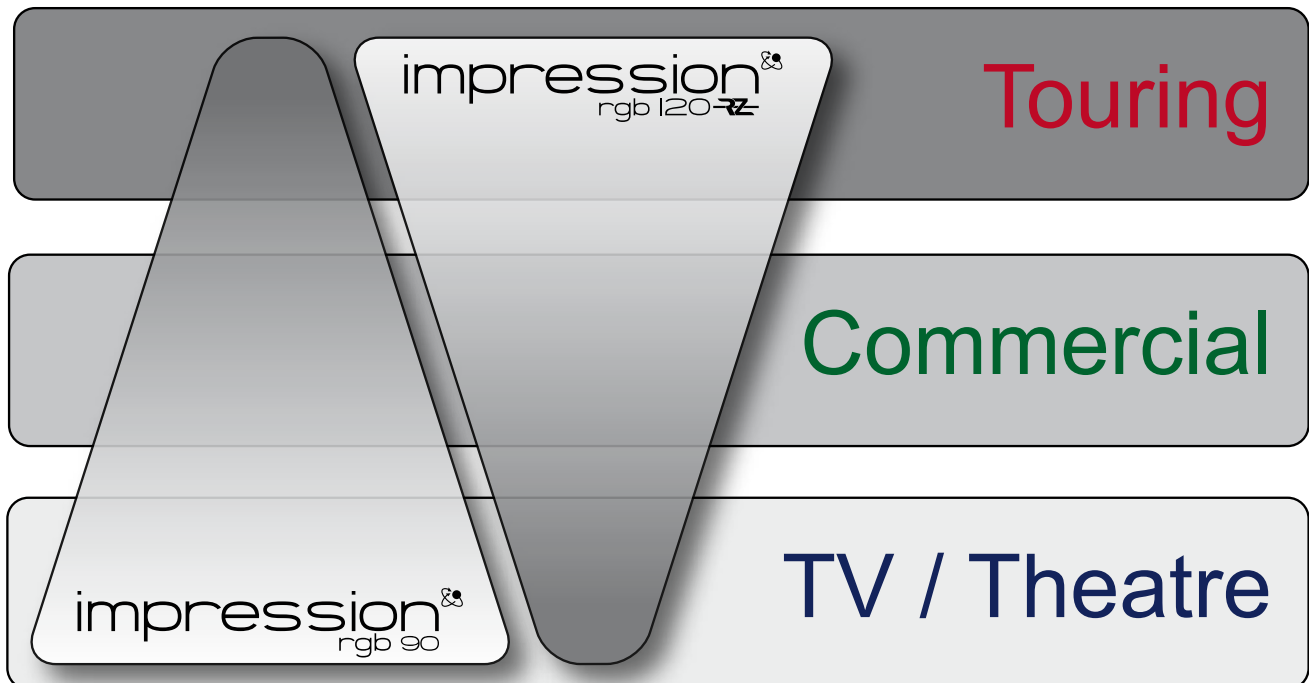
#### DMX Control

Standard USITT DMX-512,  
3 pole XLR; [+] = Pin 3 [-] = Pin 2 [Ground] = Pin 1.

#### Weights and Measures

Length: 340mm  
Height: 370mm  
Width: 145mm  
Weight: 8 kg

**Applications - we let the customer decide**



**Feature matrix**

	<b>impression 90</b>	<b>Impression 120 RZ</b>
Type	Wash Moving Head – no base	
LED	90 Luxeon K2	120 Luxeon Rebel
Optics	10 degree lens 25 degree lens 40 degree lens	Motorized zoom 10-26 degree
Power	350 VA	
Weight	7.5 kg	8 kg
Versions	RGB White: Cold/Cold/Warm White: Cold/Warm/Warm White: Cold/Cold/Amber Ice blue: Cold/Cold/Blue	RGB