ROBE lighting s.r.o., Hazovice 2090
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GigaPointe®

GigaPointe® - where cutting-edge innovation meets breathtaking visual brilliance. This versatile, IP65-rated lighting fixture is engineered for standout performance, delivering extraordinary output, dynamic high-contrast effects, and swift, pinpoint movement that instantly transforms any space into an unforgettable spectacle. Wherever your vision takes you, the GigaPointe® ensures show-stopping impact, anywhere, anytime!

Light source

LSW-3™ 350 W white Phosphor Laser source

Light output

Giga bright 3.500.000 lx @ 5 m, Cpulse™ special flicker free management for HD and UHD cameras, ready for 8K and 16K

Zoom range

1.8°– 21° beam mode, 3°– 42° spot mode

Effects

CMY mixing, Frost, Rotating and static gobo wheel, Animation wheel, 12 beam and flower effects, Spektrabeam, HotSpot control

Powered by the advanced LSW-3™ 350 W white Phosphor Laser source, the GigaPointe® produces a piercing, ultimate contrast incoherent beam with an intensity of 3.500.000 lx at 5 metres. Expect extreme projection quality and striking visual impact wherever it's deployed.

The 150mm front lens commands attention, while precision optics create flat-field beams, dynamic shapes, and stunning effects. GigaPointe® offers 1.8° - 21° beam and 3 - 42° spot modes, which automatically adjust based on selected effects. Beam reducers and both 1° and 5° frosts provide versatile options, from focused aerial beams to soft washes, enabling you to craft signature lighting statements.

Colour is maximised with a CMY mixing system, a 13-colour dichroic wheel, and the DataSwatch virtual library - 66 pre-programmed colours, including essential whites, rich saturates, and refined pastels. Whether you need bold, dramatic hues or subtle, sophisticated shades, GigaPointe® offers a full spectrum of creative possibilities.

The effects toolkit is extensive: static and rotating gobo wheels, beam reducers, and the patented SpektraBeam™ engine deliver a truly unique lighting experience. MLP stackable multi-level prisms offer independent speed and direction control for added depth, while a 540° pan indexing range lets you swirl effects across your performance, ensuring every show is dynamic and memorable.

GLINT™ (GigaPointe Light Intensity Technology) delivers outstanding light intensity, beam sharpness, flat field, contrast and vivid gobo projection at any optical setting. Using innovative optical elements and software algorithms, GLINT™ automatically and dynamically optimises beam definition and performance, ensuring crisp, high-impact, high-contrast visuals every time. It maintains safe, consistent Laser Phosphor incoherent light intensity, protecting both audiences and equipment. With the patented patent GLINT™ technology, creative professionals achieve maximum clarity and brilliance, confident they can concentrate on artistic creation.

MAPS™ Motionless Absolute Positioning eliminates pre-use calibration pan and tilt movement, while the EMS™ Electronic Motion Stabiliser system instantly stops hysteresis-induced beam shake.

Greatly improving internal self-cleaning, patented AERIS™ (Airborne Emission Removal In-head System) technology instantly filters and scrubs air in the head compartment, preventing airborne residues (oil, VOCs) from settling on optical elements - lenses, prisms, gobos, and dichroic filters. AERIS™ keeps surfaces pristine and extends service intervals, significantly lowering ownership costs.

Experience peace of mind and effortless reliability with RAINS™ protection technology, which actively manages the internal microclimate to prevent moisture build-up, ensuring your fixture performs flawlessly outdoors. Maintenance is quick and hassle-free - seals and locks are verified in under three minutes, with no special tools required. POLAR+™ standby technology guarantees instant operation even in extreme cold (down to -50°C), so you can trust GigaPointe® to deliver, whatever the conditions.

The GigaPointe® features a Safe Distance control, where you can set a safe working distance from 5 to 35m. The fixture automatically reduces output to safe levels. Furthermore, you can also set restricted zones, where the fixture will not generate any output.

For remote installations, REAP™ (Robe Ethernet Access Portal) gives you real-time fixture data and diagnostics - including RAINS™ internal pressure and saturation levels - accessible from any web browser. NFC technology lets you set up and adjust your fixture easily from your mobile device using the Robe Com app, putting control and convenience in your hands.

GigaPointe® - Giga-impact, anytime, anywhere.

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Technical Specification

Source

Light source type: LSW-3™ 350 W white Phosphor Laser source

Typical lumen maintenance: L70 @ 12.000 hours

CRI: 70

Colour temperature: 7.000K

Light source warranty: 3 years or 12.000 hrs

Optical system

Robe's proprietary optical design

High-efficiency zoom optical system, ratio 14:1

Zoom range:

- Beam mode: 1.8° - 21°
- Spot mode: 3° - 42°

Output lens diameter: 150 mm

Fixture total lumen output:

- 23.400 lm (integrating sphere)
- 19.000 lm (goniophotometer)

Illuminance: 3.500.000 lx @ 5 m

parCoat™ (particle resistant coating) unique hydrophobic and oleophobic coating helps prevent water, dirt, dust, haze and smoke from adhering to the output lens

Dynamic Effects and Features

Cyan: 0 - 100%

Magenta: 0 - 100%

Yellow: 0 - 100%

Dimmer: 0 - 100%

Virtual CTO: 2.700K - 7.000K

Colour Wheel: 13 dichroic filters + white

DataSwatch: pre-programmed 66 colours including rich saturates and refined pastels.

Rotating gobo wheel: 9 rotating gobos + open, indexable and replaceable gobos

Static gobo wheel: 14 gobos + 4 beam reducers + open

MLP™ - Patented Multi-Level Prisms allow multiple prisms to be "stacked" while retaining individual speed and direction control. With variable shape and size it creates unlimited dynamic, multi-level flower and beam effects:
Prism wheel 1: Prism 1+2+3

Prism wheel 2: Prism 4+5+6

MagFrost™ - magnetic paddle fast change system providing exchangeable frosts containing as standard a very light 1° for instant softening of the projected gobo or framing shutters, and a medium 5° for even wash, both specifically selected for theatre and TV use
Motorised zoom and focus

Pre-programmed random strobe & pulse effects

ChromaTint™ - Patented plus / minus green correction function

L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black

SpektraBeam™ - Paradigm-shifting patented effects engine. See it to believe it. The true, monumental breakthrough in effects modules
Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K

POLAR+™ for power saving and instant operation in extremely cold weather conditions

GLINT™ (GigaPointe® Light Intensity Technology) delivers outstanding intensity, sharpness, flat field, contrast, and vivid gobo projection at any optical setting.
AERIS™ (Airborne Emission Removal In-head System) keeps surfaces pristine and extends service intervals, significantly lowering ownership costs.

Control and programming

Setting & Addressing: ROBE Navigation System 3 (RNS3)

Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding, NFC app controller
Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN

Wireless CRMX™ technology from Lumen Radio

REAP™ - Robe Ethernet Access Portal

Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity
RAINS™ (Robe Automatic Ingress Neutralization System) manages humidity, temperature and pressure control using an active monitoring system to automatically remove any moisture detected within the fixture and provides constant monitoring to ensure peak performance
DMX Protocol modes: 2

Control channels: 39, 41

Pan & Tilt resolution: 16 bit

Colour wheel positioning: 8 or 16 bit

CMY: 8 bit

Rotating gobo wheel positioning: 8 bit

Gobo indexing & rotation: 8 or 16 bit

Static gobo wheel positioning: 8 bit

Prism indexing & rotation: 8 bit

Frost: 8 bit

Zoom: 8 or 16 bit

Focus: 8 or 16 bit

Dimmer: 8 or 16 bit

Movement

Pan movement: 540°

Tilt movement: 270°

Movement control: Standard and Speed

Automatic Pan & Tilt position correction

EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patented)
MAPS™ - Motionless absolute positioning system for Pan and Tilt (Patented)

Rotating gobos

Glass gobos: 9 rotating gobos + open

Outside diameter: 15.9 mm

Image diameter: 12.5 mm

Thickness: 1.1 mm

High temperature borofloat or better glass

Patented slot & lock system for easy replacement of gobos

Static gobos

Aluminium wheel

Effect wheel

Single animation wheel

Thermal specification

Maximum ambient temperature: 50°C (122°F)

Maximum surface temperature: 80°C (176°F)

Minimum operating temperature: -50°C (-58°F)

Total heat dissipation: max. 1876 BTU/h (calculated)

Electrical specification and connections

Power supply: Electronic auto-ranging

Input voltage range: 100-240 V, 50/60 Hz

Power consumption: 500 W

Power connector in: IP65 Neutrik powerCON TRUE1

DMX and RDM data in/out: IP65 Locking 3-pin & 5-pin XLR connectors

Ethernet port in/out: IP65 RJ45 Seetronic, for Embedded Epass™ switch 10/100 Mbps

Approvals & Safety

CE Compliant

UKCA Compliant

cETLus Compliant

FDA approval with show variance: FDA-2026-V-0366

Laser Class 1 Risk Group (RG) 3 device

Mechanical specification

Height: 671 mm (26.4")

Width: 403 mm (15.9")

Depth: 257 mm (10.1")

Weight: 26.5 kg (58.4 lbs)

Ingress protection rating: IP65

Rigging

Mounting positions: Horizontally or vertically

Universal operating position

Mounting points: 2 pairs of 1/4-turn locking points

2x Omega adaptors with 1/4-turn quick locks

Pan & Tilt transport locks

Safety cable attachment point

Included items

User Manual

Omega Adaptor CL-regular 2 pcs

Power cord including powerCON TRUE1 In connector

Optional accessories

Doughty Trigger Clamp: 17030386

Omega Adaptor T CL - 2pcs: 10980184

Safety wire 50 kg: 99011957

Frost 0.5° assembled: 10980690

Frost 1° assembled: 10980691

Frost 3.5° assembled: 10980758

Frost 10° assembled: 10980693

Frost 20° assembled: 10980694

Frost 30° assembled: 10980695

Single Top Loader Case

Dual Top Loader Case

Foam Shell

Legal

GigaPointe® is a Registered Trademark of Robe lighting s. r. o.

GigaPointe® is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

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Gobos&Colours

Rotating Gobo Wheel

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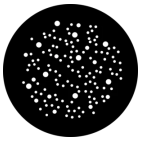
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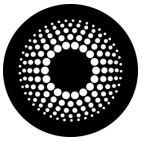
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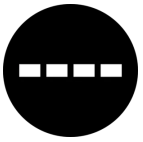
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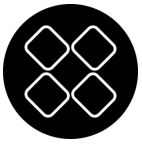
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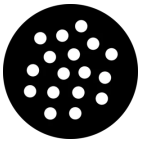
Fixed Gobo Wheel, Detail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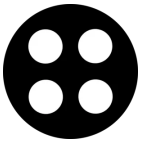
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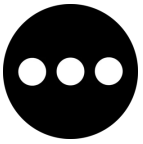
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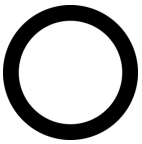
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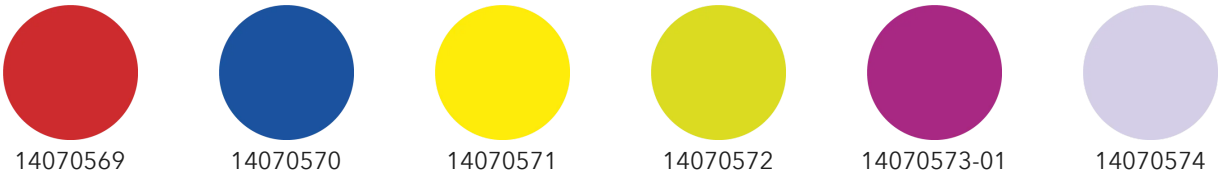
Colour Wheel



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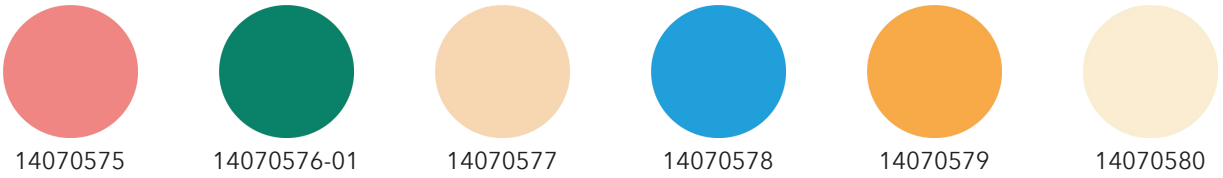

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Animation Wheel

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