Gantom

LIGHTING & CONTROLS

from

inox LIGHTING INNOVATORS

2018 CATALOGUE

Precision Series

The Precision Series is our all-purpose luminaire range. These tiny yet powerful fixtures have found themselves in a variety of applications such as miniature models, haunted attractions, props, and ride vehicles.

Precision Series
Lighting Fixtures

PRODUCT NAME	Precision Z Spot Micro Spotlight	Precision Z Flood Micro Floodlight	Precision Alpha Micro Theatrical Pinspot	Precision DMX Micro RGB Floodlight
PRODUCT HIGHLIGHT	High brightness fixture with far throw and intense color.	Wide beam angle fixture for highlights and color mixing.	Multi-use spotlight with adjustable color, angle, and brightness. Micro-filters included.	World's smallest DMX controllable RGB fixture. Built-in effects configurable to run standalone without signal.
BEAM / FIELD ⊿	11° / 32°	62° / 84°	13° / 28° Diffusible with Included Filters	21° / 45°
BEAM EDGE	Medium	Soft	Medium	Soft
DIMENSIONS	42mm x 40mm x 50mm 1.65" x 1.57" x 1.96"	42mm x 40mm x 50mm 1.65" x 1.57" x 1.96"	71mm x 34mm x 27mm 2.80" x 1.34" x 1.06"	54mm x 45mm x 53mm 2.13" x 1.77" x 2.08"
ILLUMINANCE 1m (3.3ft), 2m (6.6ft), 3m (9.9ft)	883lx (82.0fc), 221lx (20.5fc), 100lx (9.3fc)	66lx (6.1fc), 15lx (1.4fc), 5lx (0.5fc)	843lx (78.3fc), 219lx (20.4fc), 97lx (9.0fc)	353lx (32.7fc), 86lx (8.0fc), 36lx (3.3fc)
COLOR	R G B A CW WW UV Available in 7 Colors (*UV for Spotlight Only)		CW WW Adjustable with Gel Filters	R G B DMX Color Control
POWER	1.5W	1.5W	1.5W	3.8W
DIMMING	PWM or DMX Available	PWM or DMX Available	PWM	7 Channel DMX
SUITABLE ENVIRONMENTS	Indoor or temporary outdoor (IP65), Storm Series recommended for permanent outdoor applications.			
USES	Artwork, museum displays, general purpose spotlighting.	Artwork, musem displays, general purpose illumination.	Convenient replacement for PAR16 "birdies". All around fixture for spotlighting and floodlighting.	Themed entertainment venues, event lighting, and mobile displays.
PRODUCT IMAGES				

Gantom Series

The Gantom Series is our most popular line of theatrical fixtures designed for a range of themed entertainment applications including live performances, theme parks, museums, and retail. The Gantom Series offer superior beam and color control in a package that fits in the palm of your hand.

Gantom Series
Lighting Fixtures

PRODUCT NAME	Gantom DMX RGBW / Dynamic White Fixture	Gantom One / One DMX Compact Versatile Pinspot	Gantom iQ / iQx Controllable Gobo Projector	Gantom 7 Seven-Color DMX Spotlight
PRODUCT HIGHLIGHT	4W DMX controlled spotlight or floodlight. Smooth dimming and excellent color control.	Compact 4W pinspot that exceeds the output of traditional 30W pinspots. Ultra narrow beam optics and magnetic accessory attachment.	World's smallest LED gobo projector with integrated DMX control Built-in pattern generator for tunable effects.	Incredibly versatile fixture with full color and beam control designed to satisfy the most demanding theming needs.
BEAM ∢	11° Spot 28° Flood	2.7° Diffusable with Included Filters	25°- 40° Adjustable	15° Diffusable with Included Filters
FIELD ∢	32° Spot 66° Flood	4.5° Diffusable with Included Filters	N/A	35° Diffusable with Included Filters
DIMENSIONS	58mm x 49mm x 63mm 2.28" x 1.93" x 2.48"	79mm x 69mm x 70mm 3.11" x 2.72" x 2.76"	94mm x 49mm x 50mm 3.70" x 1.93" x 1.97"	92mm x 69mm x 70mm 3.62" x 2.72" x 2.76"
ILLUMINANCE 1m (3.3ft), 2m (6.6ft), 3m (9.9ft)	883lx (82.0fc), 221lx (20.5fc), 100lx (9.3fc)	22100lx (2053.2fc), 8100lx (752.5fc), 4100lx (380.9fc)	510lx (47.4fc), 123lx (11.4fc), 53lx (4.9fc)	650lx (60.4fc), 220lx (20.5fc), 100lx (9.3fc)
COLOR OPTIONS	RGBW WW/CW 3000K 6500K DMX Color Control	WW 3000K CW 6500K Adjustable with Gel Filters	WW 3000K CW 6500K Full Color Gobo	7 Color DMX Control
POWER (12VDC)	4.8W	4.8W	2.8W	7W
DIMMING	RGBW: 4 Channel DMX Dynamic White: 2 Channel DMX	PWM or DMX Available	PWM or DMX Available	RGBAWLUv: 8 Channel DMX
SUITABLE ENVIRONMENTS	Indoor or temporary outdoor (IP65), Storm Series recommended for permanent outdoor applications.			
USES	Architainment, theatrical displays, film & television.	Centerpiece illumination, event lighting, portable lighting.	Retail, architainment, theatrical displays, museum, special effects, and signage.	Retail, theatrical, theme parks, museums, architainment.
PRODUCT IMAGES				

Storm Series

Made to face the elements of Mother Nature, the Storm Series is specially designed for permanent outdoor use. No matter sun, rain, ice, or snow, you can count on the Storm fixtures to reliably perform.

Storm Series
Ruggedized Outdoor Fixtures for Permanent Installations

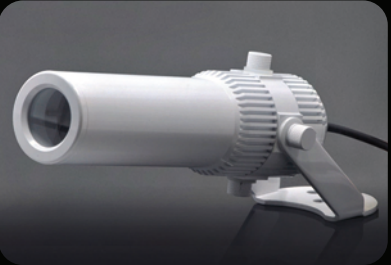| PRODUCT NAME	Storm Z Micro Spotlight / Floodlight	Storm DMX DW Dynamic White Spotlight / Floodlight	Storm DMX RGBW RGBW Spotlight / Floodlight	Storm Form Profile Spotlight
STORM SERIES FEATURES	Suitable for permanent outdoor installation with full weather exposure. Comes with locking mount and in several architectural finishes. Can be fitted with accessories.			
PRODUCT HIGHLIGHT	1W fixture can add beautiful accents to any architectural or landscaping application. Up to 72 units can be daisy chained in a single run using Storm Cable.	4W dynamic white spotlight or floodlight tunable from 3000K to 6500K.	4W RGBW fixture designed to add color and control to any outdoor application.	9W outdoor profile spot with zoom and focus. This compact yet powerful fixture projects gobos and textures in any outdoor condition. Accepts shutters cut from cinefoil.
BEAM & FIELD ⊿	Spot: 21° Beam 21° Field Flood: 42° Beam 80° Field	Spot: 11° Beam 32° Field Flood: 35° Beam 67° Field	Spot: 11° Beam 32° Field Flood: 35° Beam 67° Field	11-26° Adjustable Beam
DIMENSIONS	68mm x 53mm x 60mm 2.68" x 2.09" x 2.36"	75mm x 53mm x 62mm 2.95" x 2.09" x 2.44"	75mm x 53mm x 62mm 2.95" x 2.09" x 2.44"	234mm x 80mm x 90mm 9.21" x 3.15" x 3.54"
COLOR OPTIONS	WW 3000K (90+ CRI)	WW CW 3000K 6500K DMX Dynamic White	RGBW DMX Color Control	WW 3000K (90+ CRI) CW 6500K
POWER (12VDC)	1.5W	4.8W	4.8W	9W
DIMMING	PWM or DMX Available	Dynamic White: 2 Channel DMX	RGBW: 4 Channel DMX	PWM or DMX Available
IP RATING	IP65	IP65	IP65	IP65
SUITABLE ENVIRONMENTS	Indoor and outdoor environments, suitable for freeze cycles and permanent weather exposure.			
PRODUCT IMAGE * FINISH OPTIONS: black, white, silver and custom colors available				

Storm Cable

Ruggedized Waterproof Outdoor Cabling System

Female Trunk Connector

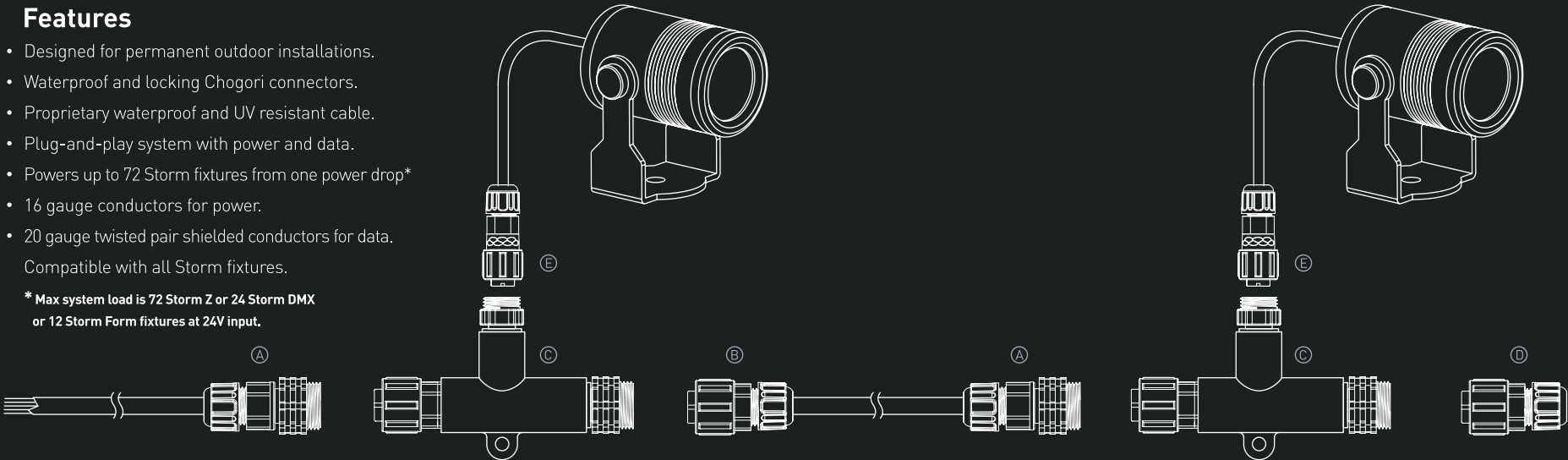Male Trunk Connector

T Connector

Trunk Terminator

Storm Fixture Connector

Features

- Designed for permanent outdoor installations.
- Waterproof and locking Chogori connectors.
- Proprietary waterproof and UV resistant cable.
- Plug-and-play system with power and data.
- Powers up to 72 Storm fixtures from one power drop*
- 16 gauge conductors for power.
- 20 gauge twisted pair shielded conductors for data.

  Compatible with all Storm fixtures.

  * Max system load is 72 Storm Z or 24 Storm DMX
    or 12 Storm Form fixtures at 24V input.

Trunk Pigtail	T Connector	Trunk Extension Cable	T Connector	Trunk Terminator
Inject 12V or 24V power and DMX signal.	T connectors allow for an intuitive way of daisy-chaining multiple fixtures together.	Extensions come in 2m and 5m standard lengths or can be specified and made to order for exact lengths.	T connectors allow up to 72 fixtures* (branches) to be connected on a single trunk.	End the Storm Cable line by terminating the last T connector. Ensures sealed connection and prevents signal reflection.

Red   V+   Green   DMX+
Blue   GND   Yellow   DMX-
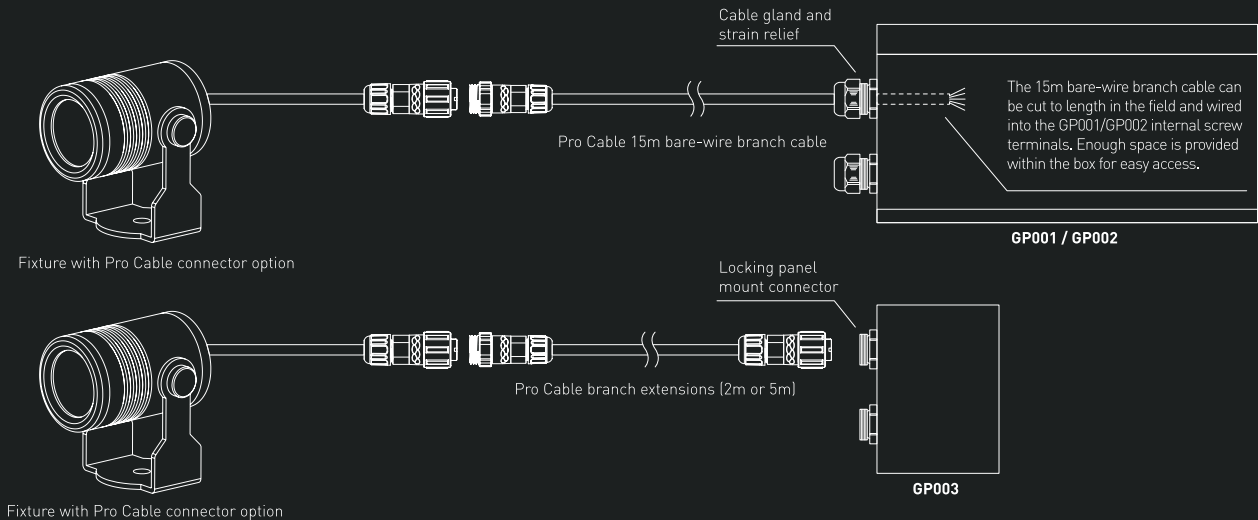   Black   COM

G8 Distribution Box & Pro Cable

Plug and Play Cabling System for Permanent Installations

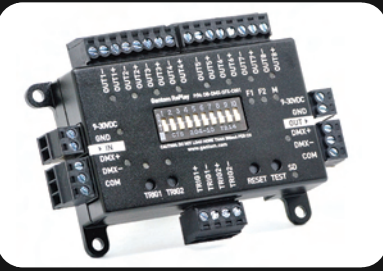| GP001	GP002	GP003	Pro Cable
The GP001 eases installation by distributing power and signal to 8 fixtures. A 12V external power supply is required (PowerPak 5000). The GP001 has panel mount connectors for DMX input and output and cable glands for bare-wire branch Pro Cable.	The GP002 is a variant of the GP001 with cable glands for DMX input and output. Since cable glands are used throughout, the GP002 can be used for outdoor installations where a homerun cabling topology is needed.	For applications where exact cable lengths are known, the GP003 distribution box makes installations plug-and-play. Pro Cable can be purchased in 2m or 5m extensions or made to order for custom lengths.	Pro Cable features sealed locking connectors for quick and reliable installations. A variety of standard lengths and cable terminations are available for various installation needs.

Features

- Designed for permanent installations.
- Sealed locking connectors provide reliable connections.
- Plug-and-play system with power and data.
- Distributes power and data to 8 fixtures.
- DMX signal is actively generated for each branch.
- Distance per branch up to 1000m (4000ft).

Cable gland and strain relief

Pro Cable 15m bare-wire branch cable

The 15m bare-wire branch cable can be cut to length in the field and wired into the GP001/GP002 internal screw terminals. Enough space is provided within the box for easy access.

Fixture with Pro Cable connector option

GP001 / GP002

Locking panel mount connector

Pro Cable branch extensions (2m or 5m)

Fixture with Pro Cable connector option

GP003

Controllers

PRODUCT NAME	**DarkBox Flicker** Dimmer and Pattern Generator	**DarkBox DMX Micro** DMX Dimmer and Pattern Generator	**DarkBox RePlay** Compact DMX Recorder and Player	**Gantom GPlex** Micro DMX Console
PRODUCT HIGHLIGHT	Standalone LED dimmer with built in flicker and strobe patterns. Installs in seconds and requires no additional control hardware.	Single channel DMX controlled LED dimmer with built in pattern functions. Linkable for high scalability and full show control. Address selectable via DarkBox Programmer.	Tiny DMX recorder and player with built-in constant voltage 8 channel PWM dimmer.	Pocket sized device that connects to your smartphone and allows control of a full DMX universe from a free app.
DIMENSIONS	48mm (1.9") x 29mm (1.1") x 19mm (0.8")	38mm (1.5") x 38mm (1.5") x 19mm (0.8")	91mm (3.6") x 62mm (2.5") x 17mm (0.6")	90mm (3.54") x 28mm (1.1") x 28mm (1.1")
LOAD CAPACITY	2A	2A	500mA per channel (4A Max)	N/A
INPUT VOLTAGE	12 VDC	12 VDC	9 VDC - 30 VDC	5 VDC USB
FEATURES	- Candle flicker x 3 speeds - Blink x 3 speeds - Power surge flicker x 3 speeds - Strobe x 3 speeds - Pulsating x 3 speeds - Constant on - Brightness adjustable 10-100%	- Constant on - Flicker - Blink - Strobe - Power Surge - Pulsating - Speed and brightness fully adjustable via DMX	- 8 channel LED driver - One shot DMX playback - Looping DMX playback - Up to 2 shows stored onto Micro SD - Shows can be copied and transferred - Controls full universe of DMX slaves - Opto-isolated triggered input	- Full universe DMX512 output - Controlled by smartphone app - App available for iOS and Android - Micro USB rechargeable - PLASA standard RJ45 output jack - XLR 5-pin adapter included - Carry case and cables included
DETAILED DESCRIPTION	Simply plugs in between power source and LED. Clicking button selects various available modes. Holding button down selects brightness of current mode. Device remembers settings and resumes upon power cycle.	Power and signal can be daisy chained together for multi-channel control and synchronization. Available functions similar to DarkBox Flicker with addition of DMX input to select the desired mode, speed, and brightness. The DarkBox DMX Micro adds DMX control to any 12V LED fixture that supports PWM dimming.	The Gantom RePlay allows full show control to be contained in a device about the size of a smart phone. The RePlay records up to 2 DMX shows onto Micro SD card and is capable of DMX playback through its own 8 channel LED dimmer or to any 3rd party DMX compatible device. DMX playback can be remotely triggered or set to loop. Perfect for small displays to full live shows.	The Gantom GPlex is a full universe DMX console that fits in your pocket and is controlled by a free smartphone app. Powered by an internal battery and can be charged via USB. Built-in PLASA standard RJ45 jack allows the DMX output to be adapted to any DMX interface. A perfect tool for LDs, techs, and anyone who can benefit from a portable DMX console.
PRODUCT IMAGE				

Power Supplies and Accessories

PowerPak Portable
12V Rechargeable Battery

6000mAh battery for powering any of our fixtures. Powers any fixture for 10+ hours on a single charge. Great for portable applications, product demonstrations, or applications where outlet power is unavailable.

Recessed Fixture Trim - Spring Mounted

3 inch recessed trim adapter for Precision Z or Gantom iQ series. Excellent for unique architectural applications such as restaurant menu projections.

Available Colors Black White Silver

Luminaire sold separately

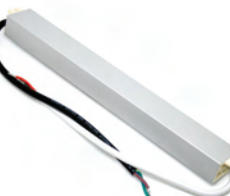### PowerPak Mini
12V/1A Power Supply

Small 12 Volt /1 Amp AC wall adapter (UL Listed) suitable for any of our LED luminaires and is ready to plug into your wall outlet. Unit comes with a screw terminal adapter for easy splicing.

Fisheye Fixture Trim - Spring Mounted

3 inch fisheye trim adapter for Precision Z or Gantom iQ series. Excellent for unique architectural applications such as restaurant menu projections.

Available Colors Black White Silver

Luminaire sold separately

PowerPak 5000
12V/5A Power Supply

UL listed 60W power supply that can power up to 40 Precision Z or Precision Alpha fixtures and up to 16 Precision DMX fixtures. Included is a screw terminal adapter which allows easy wire splicing to multiple fixtures.

Fisheye Fixture Trim - Screw Mounted

3 inch screw mounted recessed trim adapter for Precision Z or Gantom iQ series. Excellent for mobile downlight applications.

Available Colors Black White Silver

Luminaire sold separately

PowerPak 5000 Pro
12V/5A Outdoor Power Supply

Regulated power supply suitable for outdoor or underwater applications. This power supply comes with bare wire leads, it is up to the user to find adequate wire harness solutions on both the AC input and DC output portions of the supply.

Glasstop Mounting Bracket

Designed to allow Gantom fixtures to sit comfortably and discreetly atop glass display cases.

Available Colors Black

Luminaire sold separately

www.gantom.com