Gantom
LIGHTING & CONTROLS

Precision Z DMX
DMX Controlled Micro Spot and Flood Fixtures

Date:

Project:

Comments:

Precision Z DMX Spotlight

Precision Z Accessories

Precision Z DMX Floodlight

Product Model

GC215 – Precision Z DMX Spotlight - Cool White - RJ45
GC216 – Precision Z DMX Spotlight - Warm White - RJ45
GC225 – Precision Z DMX Floodlight - Cool White - RJ45
GC226 – Precision Z DMX Floodlight - Warm White - RJ45
GP215 – Precision Z DMX Spotlight - Cool White - Pro Cable
GP216 – Precision Z DMX Spotlight - Warm White - Pro Cable
GP225 – Precision Z DMX Floodlight - Cool White - Pro Cable
GP226 – Precision Z DMX Floodlight - Warm White - Pro Cable

Description

The Precision Z produces a soft point-source light equivalent to traditional 20W halogen fixtures in a highly-energy and space-efficient package. The fixture's modular design allows it to be swapped with other fixtures without the hassle of cutting wires, allowing for fast design changes and reconfiguration.

Features

- The world's smallest DMX light fixture
- 1W LED with 95% energy savings compared to 20W halogen lamp
- DMX controllable or standalone state
- Low voltage and minimal heat for improved safety over incandescent sources
- Internal, constant-current driver gives highly efficient and consistent output
- Minimal maintenance required with over 50,000-hour lamp life

Applications

- Themed entertainment
- Museum displays
- Theater and stage accent lighting
- Mobile displays
- Retail spaces
- Architectural accent lighting
- Machinery

Optional Components

Accessories

FA21	Angled Beam Control Cowling for 30 mm Fixture
FA24	Beam Control Snoot 30 mm Fixture
FA31	Gel and Diffuser Retainer for 30 mm Fixture
PM67	Gantom Ping Swivel Mount w/Collar
TL300	Pro Cable Track Adapter for Stucchi EVO Track
TL301	RJ45 Track Adapter for Stucchi EVO Track

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Technical Specifications

Physical

Material	Black Anodized Aluminum
IP rating	IP65 - Temporary Outdoor Installations
Weight	82 grams (2.9 oz)

Electrical

Voltage	12-24V DC
Max wattage	1.5W
Dimming	DMX

Thermal

Ambient operating temperature	0-50 ºC (32-122 ºF)
Cooling method	Passive

Certifications

USA / Canada	UL
Europe	CE, RoHS

DMX

Channel footprint	1
Addressing	DarkBox Programmer
Lowest dimming	0.05% (DMX ONLY)

DMX Mapping

CH. 1	Intensity (0%-100%)

LED color

Cool White	6500K
Warm White	3000K (90+ CRI)

Warranty

Fixture	2 Years

Photometrics at Full Power

	Beam / Field Angle	1m Illuminance (3.3ft)	2m Illuminance (6.6ft)	3m Illuminance (9.8ft)
Cool White - Spot	11º / 32º	883 lx (82.0 fc)	221 lx (20.5 fc)	100 lx (9.3 fc)
Warm White - Spot	11º / 32º	517 lx (48.0 fc)	132 lx (12.3 fc)	65 lx (6.0 fc)
Cool White - Flood	32º / 84º	66 lx (6.1 fc)	15 lx (1.4 fc)	5 lx (0.5 fc)
Warm White - Flood	32º / 84º	35 lx (3.3 fc)	8 lx (0.7 fc)	2 lx (0.2 fc)

Distance to Projection Surface	1m (3.3 ft)	2m (6.6 ft)	3m (9.8 ft)
Beam Diameter (Spot)	0.2m (.7 ft)	0.4m (1.3 ft)	0.6m (2.0 ft)
Beam Diameter (Flood)	1.2m (3.9 ft)	2.4m (7.9 ft)	3.6m (11.8 ft)

Fixture does not include power supply, extension cables, or any other system component.

CE UL LISTED RoHS

R 4mm
[1/8in]

40.5mm
[1.59in]

35.25mm
[1.39in]

40.3mm
[1.59in]

50.25mm
[1.98in]

30mm
[1.18in]