Gantom
LIGHTING & CONTROLS

Gantom MiniCyc

6.5W Miniature RGBW DMX Cyc Light

Date:

Project:

Comments:







Gantom MiniCyc

Product Model

GC294	-	6.5W Miniature RGBW DMX Cyc Light

Description

The Gantom MiniCyc is a compact RGBW LED fixture designed for cyc, cove, and wall-washing applications. Its three-lens optical design provides uniform color blending and seamless illumination between adjacent fixtures, creating smooth, even lighting across larger surfaces.

The compact housing allows the MiniCyc to be integrated into architectural, display, scenic, themed entertainment, and in-cabinet lighting applications where installation space is limited.

Features

- Compact RGBW LED fixture
- Three-lens optical design
- Smooth, homogeneous color mixing
- Designed for seamless illumination between adjacent fixtures
- DMX512 control
- Suitable for in-cabinet use
- Indoor dry locations

Applications

- Themed entertainment
- Museums and exhibits
- Architectural lighting
- Cove lighting
- Wall washing
- Display cases
- In-cabinet lighting

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Technical Specifications

Physical

Housing Material	Aluminum lower housing with carbon-fiber-reinforced PETG upper housing
Environment	Indoor dry locations only
Weight	265 g (9.3 oz)
Dimensions	160 × 42 × 30 mm (L × W × H)
Overall Height	46 mm including mounting feet

Electrical

Voltage	12–24V DC
Power Consumption	6.5 W
Delivered Lumens	293 lm
Control Protocol	DMX

Thermal

Ambient operating temperature	0°C to +40°C

Certifications

USA / Canada	UL

DMX

Channel Footprint	4 channels
Addressing Method	DarkBox Programmer V3
Lowest Dimming	0.05%

Channel Assignment

CH1	Red
CH2	Green
CH3	Blue
CH4	White

LED Color

RGB wavelengths	Red 630nm Green 520nm Blue 470nm
White color temp	Cool White 6900K

Warranty

Fixture	2-Year Limited Warranty

Photometrics at Full Power

Gantom MiniCyc	Beam/Field Angle	1m Illuminance (3.3ft)	2m Illuminance (6.6ft)	3m Illuminance (9.8ft)
	37°/72°	556 lx (51.7 fc)	139 lx (12.9 fc)	62 lx (5.7 fc)

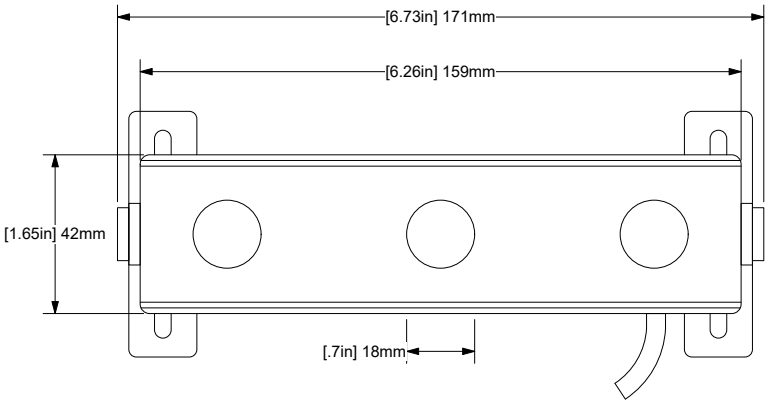
Fixture does not include power supply, extension cables, or any other system component.

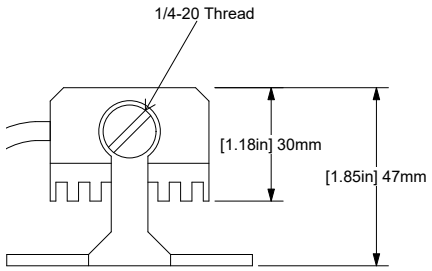
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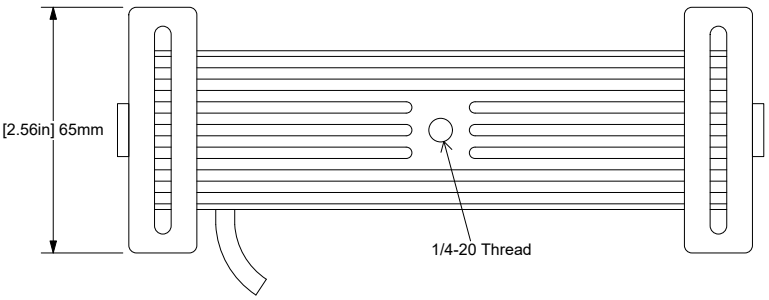
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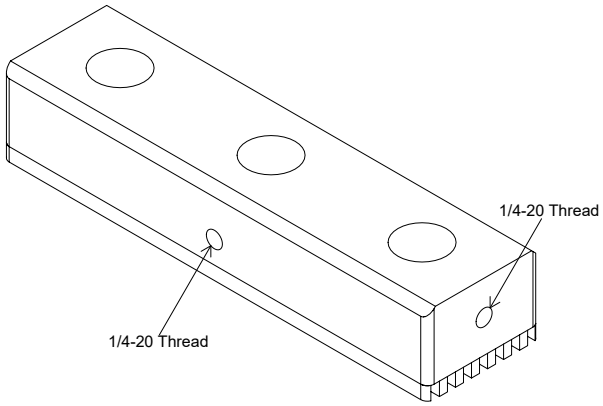
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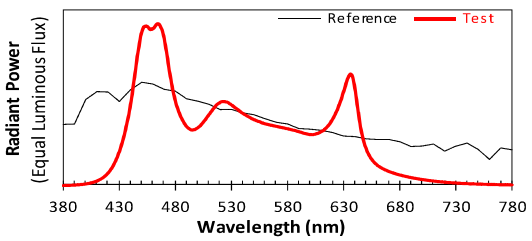


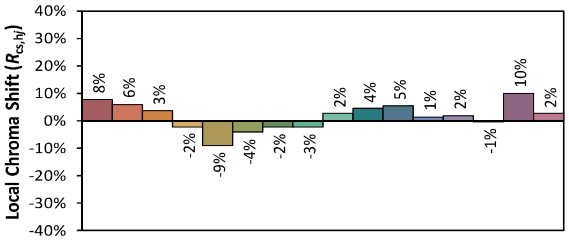


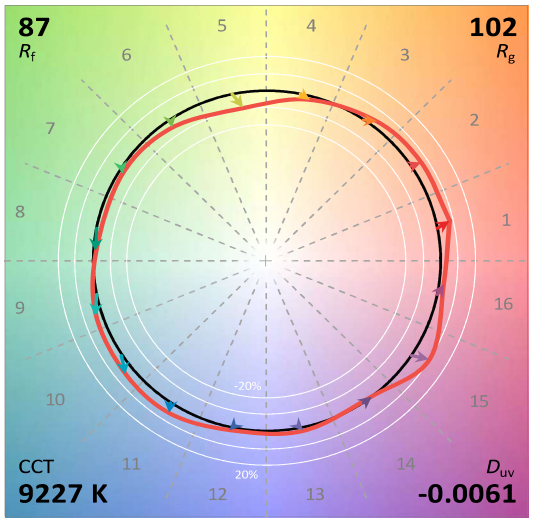
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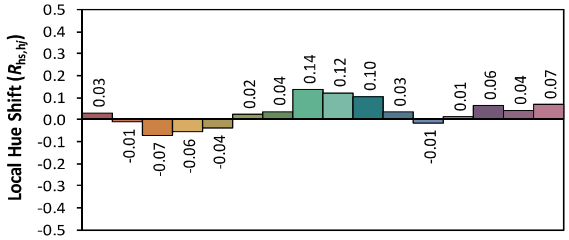
IES TM-30 Details

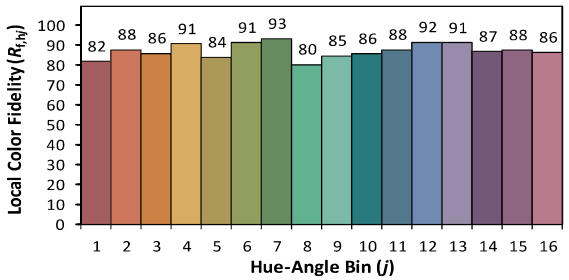
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Date:	8/10/2026	**Model:**	GC294 – Gantom MiniCyc - RGBW All On

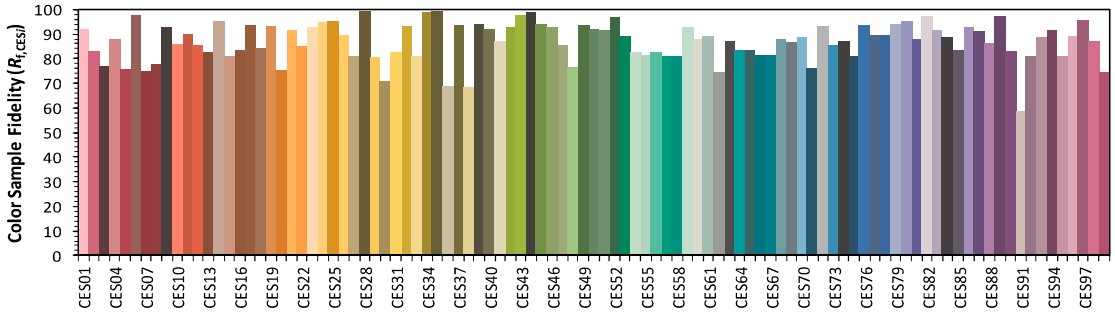












Notes:

x	**0.2887**
y	**0.2863**
u'	**0.1971**
v'	**0.4399**

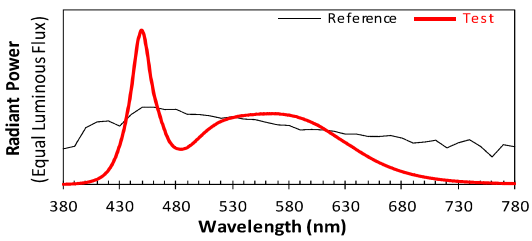
CIE 13.3-1995 (CRI)

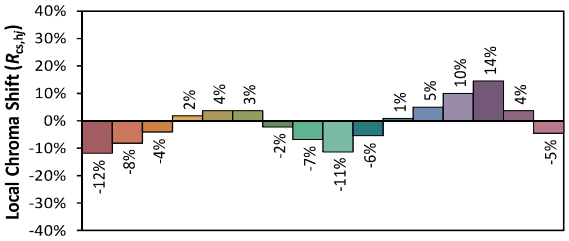
R_a	87
R_9	20

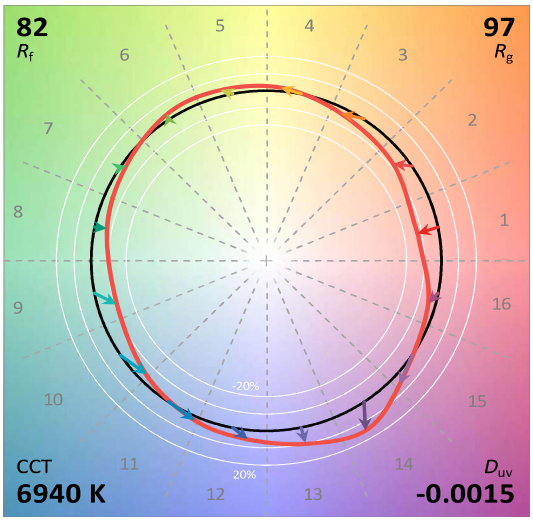
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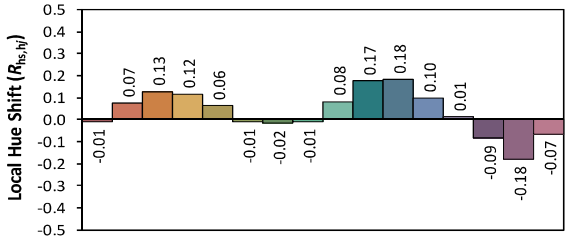
IES TM-30 Details

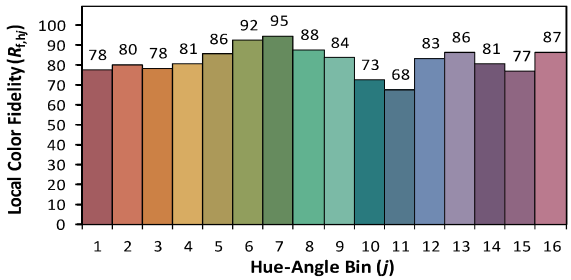
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Date:	8/10/2026	**Model:**	GC294 – Gantom MiniCyc - White Only

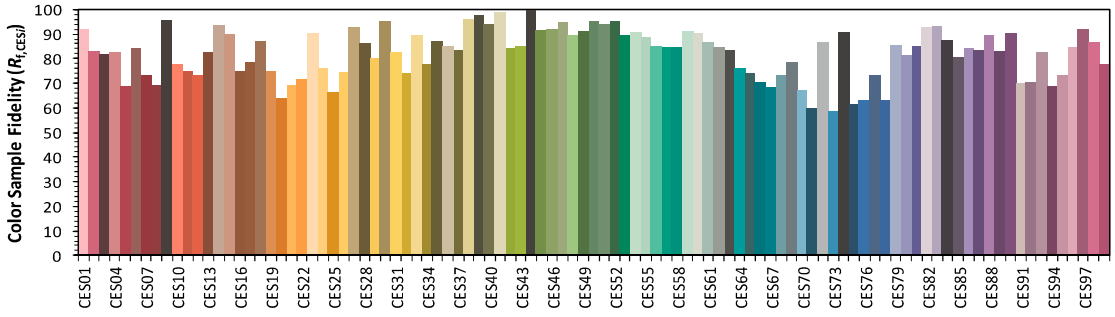












Notes:

x	**0.3076**
y	**0.3149**
u'	**0.1996**
v'	**0.4598**

CIE 13.3-1995 (CRI)

R_a	83
R_9	16