

Date
Project
Comments

**Description**

Precision CP-7 offers precise RGB control with its 7 channel DMX profile and features smooth dimming, variable strobing, color macros, and flicker effects. Bare wires with adapters for power and programming allow for flexibility in permanent and seasonal installations.

Physical	Features
L: 40mm (1.58") W: 35mm (1.38") H: 56mm (2.20")	Power: 2.1mm Female DC jack adapter
Weight: 92 grams (3.25 oz)	Data : 3.5mm TRS adapter
Black anodized aluminum	<b>Photometrics</b>
.5m Power cord w/bare wire leads	18° Soft Edge Beam
<b>Power</b>	534 lux / 49.6 fc @ 1m
278mA, 3.3w @ 12vdc *PSU sold separately	<b>Installation</b>
50k Hour LED life expectancy	Setting the DMX address requires the Gantom DB32 Programmer or by using a mobile device with 3mm headphone jack and download the Gantom Programmer App.
	IP60 - Indoor use Only

7 CH	LEVEL	Description
Ch 1	000 <-> 255	Red Intensity (0%-100%)
Ch 2	000 <-> 255	Green Intensity (0%-100%)
Ch 3	000 <-> 255	Blue Intensity (0%-100%)
Ch 4	000 <-> 031 032 <-> 032 033 <-> 096 097 <-> 097 098 <-> 159 160 <-> 160 161 <-> 223 224 <-> 224 225 <-> 255	<b>Color Macro - Overrides Ch 1-3</b> No Function Red 100% Variable Red to Blue Color Shift Blue 100% Variable Blue to Green Color Shift Green 100% Variable Green to Red Color Shift Red 100% Variable Red to White Color Shift
Ch 5	000 <-> 015	<b>Strobe / Effect Speed</b> No Function Speed Slow -> Fast
Ch 6	000 <-> 031 032 <-> 071 072 <-> 111 112 <-> 150 151 <-> 190 191 <-> 230 231 <-> 249 250 <-> 250 251 <-> 255	<b>Strobe / Color Effects</b> <b>Ch 1-4 For Color, Ch 5 For Speed</b> No Function Ramp Up Strobe Ramp Down Strobe Ramp Up / Ramp Down Strobe Rainbow Color Fade Red, Green, Blue Color Chase 6 Color Chase Flicker (Holds latest color from Ch 6) Flicker
Ch 7	000 <-> 255	Master Dimmer (100% -> 0%)

**Ordering Information**

Part Number	Description
PR44	Precision CP-7 - RGB Washlight - Black Finish - 5m Cable - 40mm Bare wire leads - Barrel and TRS programming adapters
PR44+	Precision CP-7 - ColorPiano Legacy Firmware
Accessory Part #	
CB11	Indoor 2 Meter DC Power Extension
CB12	Indoor 2 Meter DC Power Extension
CB20	Indoor 2 Way Power Splitter
CB21	Indoor 4 Way Power Splitter
CB22	Indoor 8 Way Power Splitter
CB51	5 Pin XLR to Female TRS DMX Cable Adapter



**Adapter Wiring Diagram**  
\*To be connected by qualified personnel, incorrect wiring will void warranty

Precision CP-7 is backed by Gantom's two year warranty. Special orders are not available for this fixture. Please contact Gantom at sales@gantom.com for more information.

Gantom Lighting & Controls, 25060 Avenue Stanford, Suite 115, Valencia, CA 91355 - 661-347-0779 - sales@gantom.com  
Rev 06/02/2023 L. Alonso



**Lighting Parameter Analysis Report**



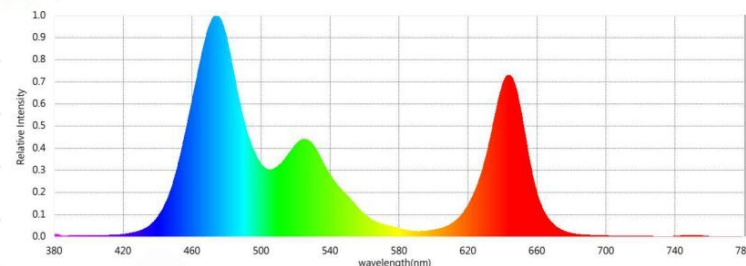
**Product information and test conditions**

Name	Micro RGB DMX
Time	2022-06-28 17:15:23(Time-zone GMT+8)
Manufacturer	Gantom
User	Lucas (lucas@gantom.com)
Temperature(°C)	23
Humidity(%)	42
Distance(m)	1

**Parameters**

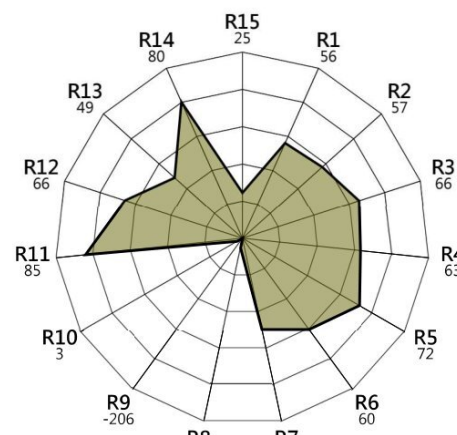
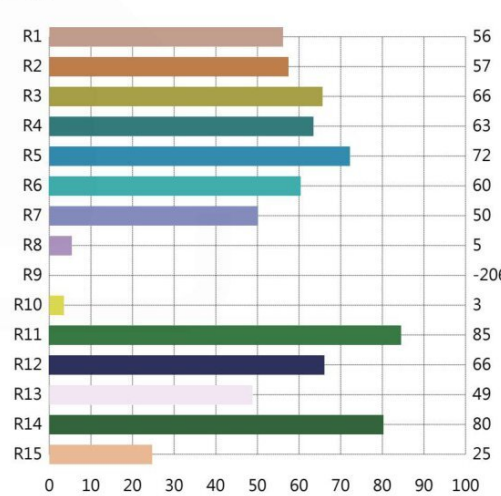
CIE_x	0.2333
CIE_y	0.2721
CIE_u'	0.1609
CIE_v'	0.4224
CCT	23834 K
Duv	0.0232
CRI (Ra)(R1~R8)	54
CRI (Re) (R1-R15)	36
CQS	54
TLCI(Qa)	13
GAI	121
TM-30-20 Rf	51

**Spectrum**



**CRI (Re) (R1-R15)**

Ra = 54 Re = 36



Measured by Lighting Passport

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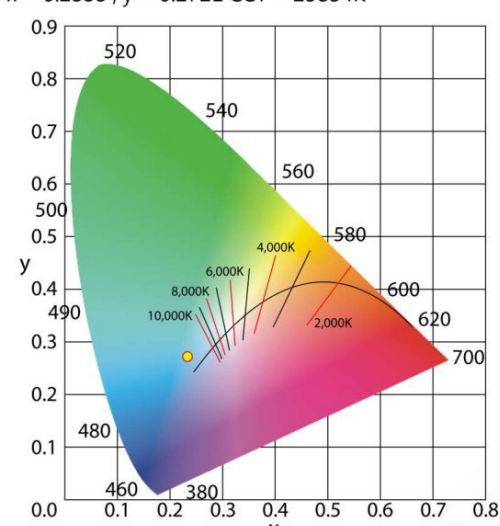


**Lighting Parameter Analysis Report**



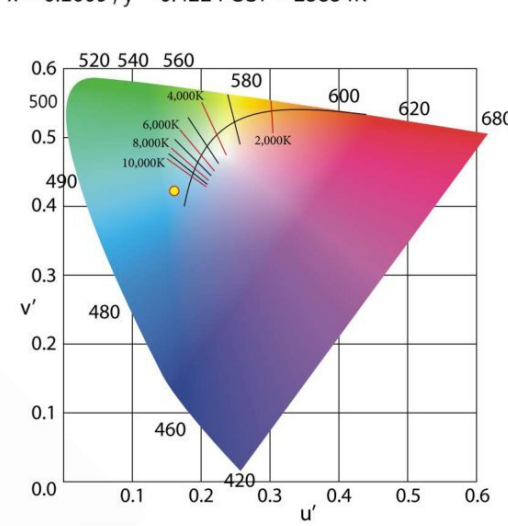
**CIE 1931**

x = 0.2333, y = 0.2721 CCT = 23834K

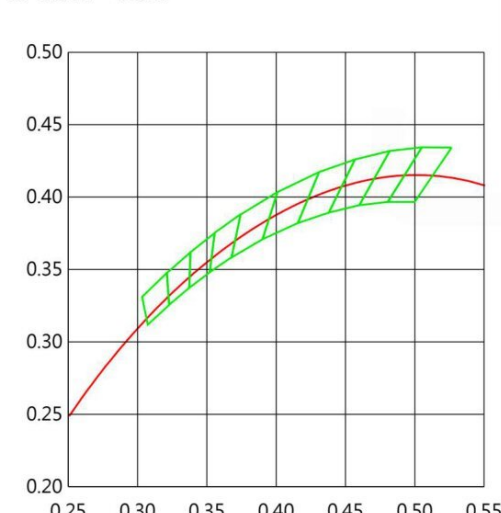


**CIE 1976**

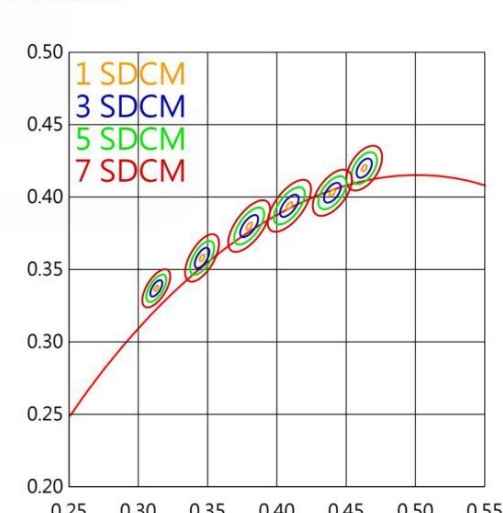
x = 0.1609, y = 0.4224 CCT = 23834K



**C78.377 - 2017**

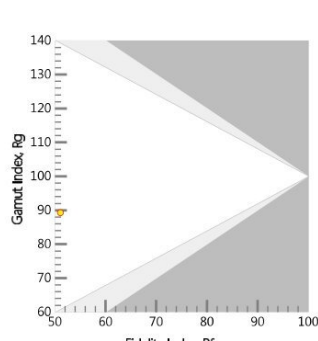
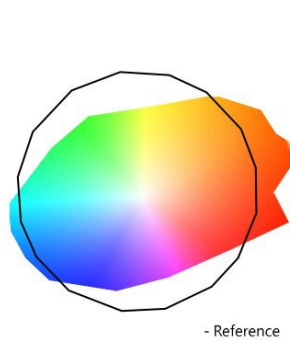
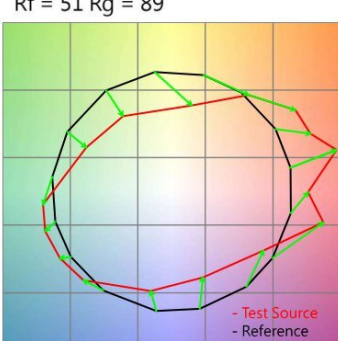


**IEC-SDCM**



**TM-30-20**

Rf = 51 Rg = 89



Measured by Lighting Passport

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