COLORIST Panel 8Qa
Item Number: 03620841

ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: Auto-ranging 100 to 240 VAC, 50/60 Hz
Power and Current:
- 54 W, .49 A @ 120 V
- 52 W, .27 A @ 230 V
Power Supply: Electronic internal
Dimmer: Electronic
Power Linking: 21 units @ 120 V, 37 units @ 208 V, 38 units @ 230 V
Power Connection: 6.6 ft (2 m) Waterproof cable, Edison plug to proprietary IP66 input power cord

THERMAL SPECIFICATIONS
Cooling: Convection
Startup Temperature Range: -4 °F to 104 °F (-20 to 40) °C
Operating Temperature Range: -20 °F to 110 °F (-29 to 43) °C

REGULATORY & VOLUNTARY QUALIFICATION
Certification Listings: MET, CE
Environment: Wet location, IP65, All indoor and limited outdoor permanent installations. Please refer to the User Manual and/or the Quick Reference Guide
Warranty: 24 month manufacturer’s limited warranty (for covered regions only)

CONSTRUCTION & PHYSICAL SPECIFICATIONS
Length: 4 in (104 mm)
Width: 12.7 in (322 mm)
Height: 9.3 in (235 mm)
Weight: 11.6 lb (5.3 kg)
Color: Off white,
Ingress Protection Rating: IP65
Housing Material: Cast aluminum
Lens Cover: Impact resistant glass
Installation Orientation: Fixture aperture vertical up +/- 170°

CONTROL SPECIFICATIONS
Control Protocol: USITT DMX-512a
Control Channels: 4, 6 or 10
Stand Alone Control: Yes
Data Connection: 6.6 ft [2 m] Waterproof Cable

LIGHT SOURCE & OPTICAL SPECIFICATIONS
Light Source: 8 LEDs (quad color RGBA) 15 W, (985 mA)
Light Source Lifespan: 50,000 hours based on LED manufacturer’s specifications
Installed Optics: 15°
Beam Angle: 16°
Field Angle: 27°
Lumens: 1,242
Base Illuminance: 1,005 lux @ 5 m
Efficacy: 23.2 lm/W
Minimum Distance to Illuminated Surface: 4 in [92 mm]

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**Typical Installation**

- **Power In**
- **DMX In**
- **Power Out to Power In**
- **DMX Out to DMX In**

**Installation Notes:**
- Max. fixtures for 1 DMX Network: 32 without Amplifier
- Install 120 Ohm DMX cable. Recommend: ProPlex PC224T
- For systems over 1000’ in length a DMX Amplifier/Splitter is required.
- DMX Terminator is required at the end of a DMX run.
- For more information on DMX use and installation, please visit: www.iluminarc.com/reports/dmx-primer
- Each fixture draws 54W, 0.49A at 120V

**Key:**
- Blue: Power
- Orange: DMX
- Green: Temp. DMX
- Purple: Optional

**Illuminance at a Distance (lux):**

<table>
<thead>
<tr>
<th>Distance</th>
<th>1m</th>
<th>2m</th>
<th>3m</th>
<th>4m</th>
<th>5m</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°</td>
<td>25,000</td>
<td>6,250</td>
<td>2,780</td>
<td>1,560</td>
<td>1,005</td>
</tr>
<tr>
<td>5°</td>
<td>6,250</td>
<td>2,780</td>
<td>1,560</td>
<td>1,005</td>
<td></td>
</tr>
<tr>
<td>10°</td>
<td>2,780</td>
<td>1,560</td>
<td>1,005</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Beam Spread:**

- **Horizontal:**
  - 1°: 0.3
  - 5°: 0.6
  - 10°: 0.8
  - 15°: 1.1
  - 20°: 1.4

- **Vertical:**
  - 1°: 0.3
  - 5°: 0.6
  - 10°: 0.8
  - 15°: 1.1
  - 20°: 1.4

**Beam Angle:** 16°

**Field Angle:** 27°