COLORIST LINE 6Qa
Item Number: 03610837

LIGHT SOURCE & OPTICAL SPECIFICATIONS
Light Source: 6 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: 948
Base Illuminance: 781 lux @ 5 m
Efficacy: 18.8 lm/W
Minimum Distance to Illuminated Surface: 4 in [92 mm]

CONSTRUCTION & PHYSICAL SPECIFICATIONS
Length: 7.9 in [200 mm]
Width: 19.5 in [495 mm]
Height: 7.4 in [188 mm]
Weight: 11.8 lb [5.4 kg]
Color: Off white
Ingress Protection Rating: IP65
Housing Material: Extruded aluminum
Lens Cover: Impact resistant glass
Installation Orientation: Fixture aperture vertical up +/- 170°

CONTROL SPECIFICATIONS
Control Protocol: USITT DMX-512a
Control Channels: 4, 6, 10, 24 or 29
Stand Alone Control: Yes
Data Connection: 6.6 ft [2 m] Waterproof cable

ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: 100 to 240 VAC (auto-ranging), 50/60 Hz
Power and Current:
54 W, .59 A @ 120 V
52 W, .24 A @ 230 V
Power Supply: Electronic internal
Dimmer: Electronic
Power Linking: 17 units @ 120 V, 39 units @ 208 V, 42 units @ 230 V
Power Connection: 6.6 ft [2 m] Waterproof cable, Edison plug to proprietary IP65 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)
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- Beam Angle: 16°
- Field Angle: 27°

Iluminance at a Distance (lux):

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>1m</th>
<th>2m</th>
<th>3m</th>
<th>4m</th>
<th>5m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam Spread</td>
<td>19,500</td>
<td>4,880</td>
<td>2,170</td>
<td>1,220</td>
<td>781</td>
</tr>
<tr>
<td>Vertical</td>
<td>0.3</td>
<td>0.6</td>
<td>0.9</td>
<td>1.2</td>
<td>1.4</td>
</tr>
<tr>
<td>Horizontal</td>
<td>0.3</td>
<td>0.5</td>
<td>0.8</td>
<td>1.1</td>
<td>1.3</td>
</tr>
</tbody>
</table>

Typical Installation

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 fixtures draws 54W, 0.59A at 120V

Key:
- Power
- DMX
- Temp. DMX
- Optional