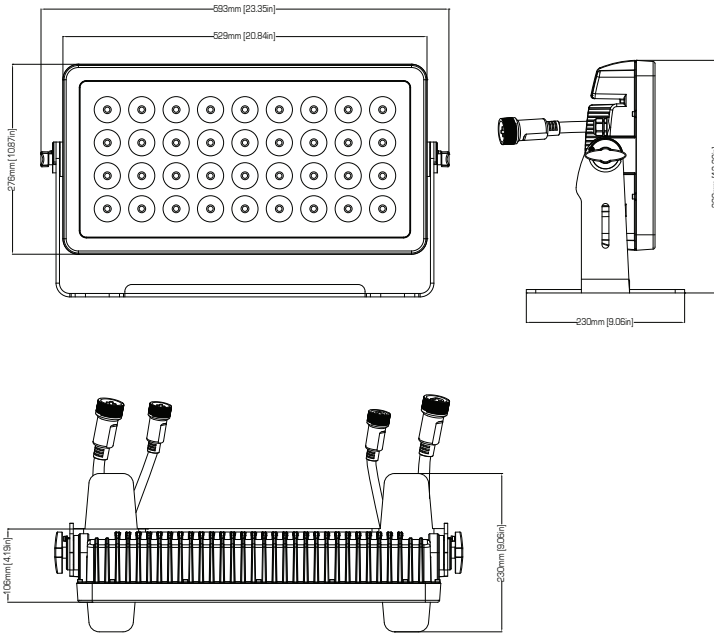# ILUMINARC®

COLORIST Panel 36Qa
Item Number: 03620840

Client:_____

Project:_____

Date:_____ Type:_____

CE c(MET)us

LIGHT SOURCE & OPTICAL SPECIFICATIONS
Light Source: 36 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: 5,206
Base Illuminance: 5,070 lux @ 5 m
Efficacy: 22.2 lm/W
Minimum Distance to Illuminated Surface: 4 in (92 mm)

CONSTRUCTION & PHYSICAL SPECIFICATIONS
Length: 9.1 in (230 mm)
Width: 23.3 in (593 mm)
Height: 13.3 in (338 mm)
Weight: 36.6 lb (16.6 kg)
Color: Off white
Ingress Protection Rating: IP65
Housing Material: Cast aluminum
Lens Cover: Impact resistant glass
Installation Orientation: 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

ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: Auto-ranging 100 to 240 VAC, 50/60 Hz
Power and Current:
　　　251 W, 2.1 A @ 120 V
　　　238 W, 1.1 A @ 230 V
Power Supply: Electronic internal
Dimmer: Electronic
Power Linking: 6 units @ 120 V, 11 units @ 208 V, 12 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)

Product Web Page

WWW.ILUMINARC.COM - INFO@ILUMINARC.COM
Iluminarc reserves the right to make improvements to this product
and its specifications at anytime without notice.

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ILUMINARC®

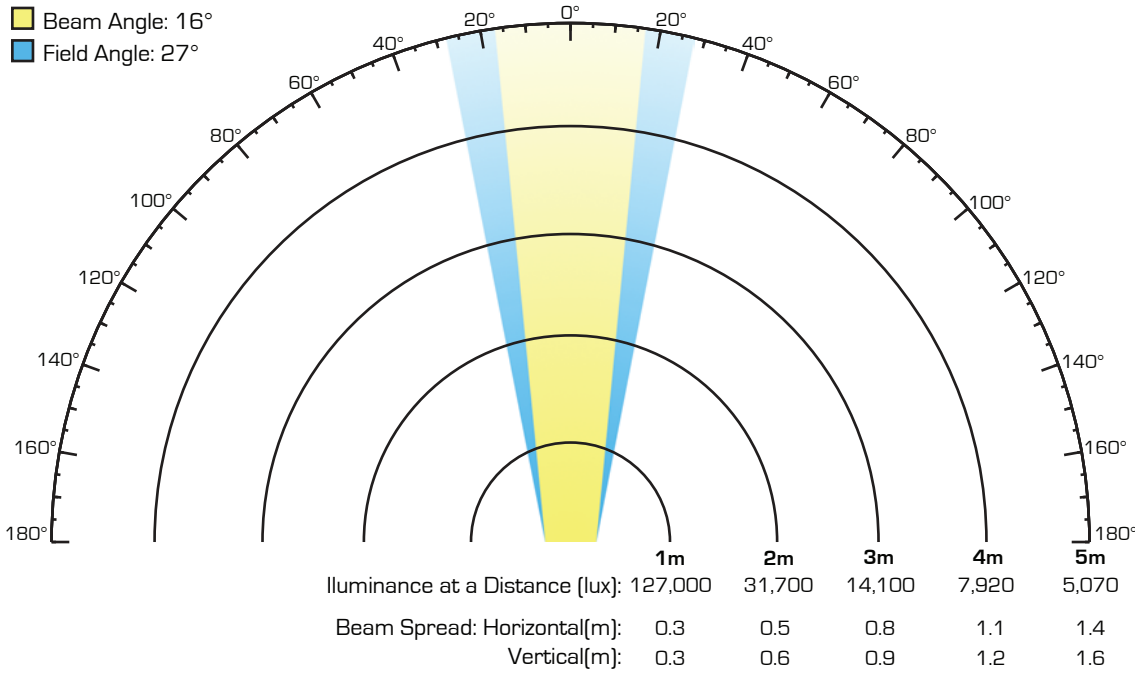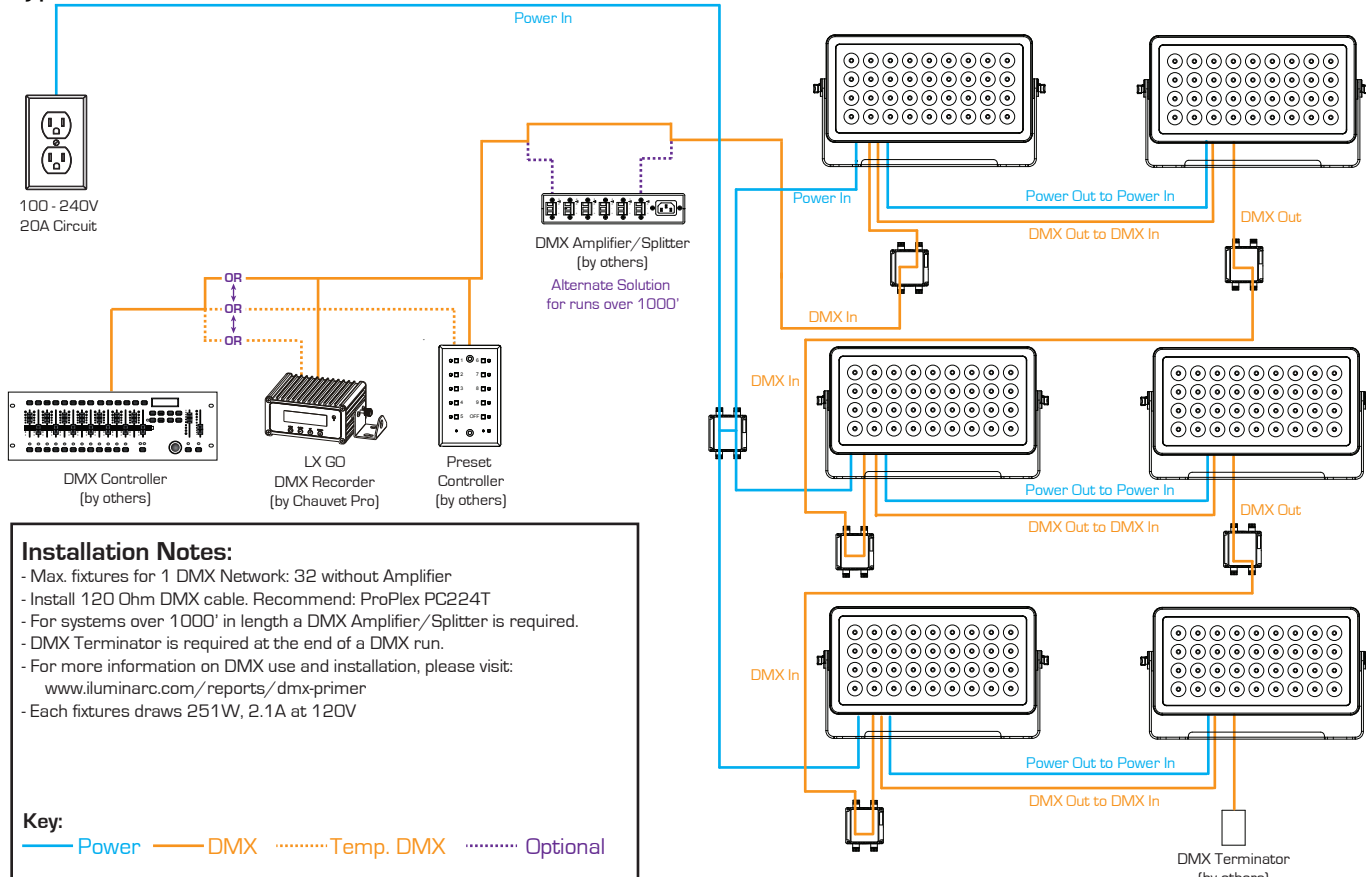## COLORIST Panel 36Qa
Item Number: 03620840

Colorist Panel 36Qa

- Beam Angle: 16°
- Field Angle: 27°

Iluminance at a Distance (lux):	1m	2m	3m	4m	5m
	127,000	31,700	14,100	7,920	5,070
Beam Spread: Horizontal(m):	0.3	0.5	0.8	1.1	1.4
Vertical(m):	0.3	0.6	0.9	1.2	1.6

Typical Installation

Power In

100 - 240V
20A Circuit

DMX Amplifier/Splitter
(by others)

Alternate Solution
for runs over 1000'

DMX Controller
(by others)

LX GO
DMX Recorder
(by Chauvet Pro)

Preset
Controller
(by others)

Power In

Power Out to Power In

DMX Out to DMX In

DMX Out

DMX In

DMX In

Power Out to Power In

DMX Out to DMX In

DMX Out

DMX In

Power Out to Power In

DMX Out to DMX In

DMX Terminator
(by others)

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 251W, 2.1A at 120V

Key:
— Power — DMX .... Temp. DMX .... Optional