ILUMINARC®

LOGIC 1x36
Item Number: 31X36001

48mm [1.91in]

96mm [3.78in]

9mm [0.35in]

250mm [9.85in]

96mm [3.78in]

CE — ETL Intertek — us — RoHS

CONSTRUCTION & PHYSICAL SPECIFICATIONS
Length: 9.9 in (250 mm)
Width: 3.8 in (96 mm)
Height: 1.9 in (48 mm)
Weight: 2.2 lb (1 kg)
Color: Beige
Ingress Protection Rating: IP20
Housing Material: Stamped Steel
Installation Orientation: Any

CONTROL SPECIFICATIONS
Control Protocol: USITT DMX-512a
Control Channels: 1, 2, 3, 4, 6 or 8
Control Protocol: USITT DMX-512a
Control Channels: 1, 2, 3, 4, 6 or 8
Operating Modes: Selectable personalities

RGB Operating Modes:
PERS 1 (1-channel): master dimmer
PERS 2 (3-channel): red, green, blue
PERS 3 (4-channel): dimmer, red, green, blue
PERS 4 (6-channel): dimmer, red, green, blue, color macro, strobe
PERS 5 (9-channel): dimmer, red, green, blue, color macro, strobe,
   auto +custom, auto speed, SpectraWhite™

SpecrtraWhite™ Operating Modes:
PERS 6 (1-channel): white dimmer
PERS 7 (2-channel): white control (Warm + Cool)
PERS 8 (2-channel): white macro, dimmer
PERS 9 (3-channel): white control (warm + cool), dimmer
PERS 10 (5-channel): white control (warm + cool), macro, dimmer, strobe

Stand Alone Control: Yes
Remote Addresser: N/A
Data Connection: RJ45 to 3-pin DMX in, RJ45 out
Output per Line: 36 – 1 W or 12 – 3 W LEDs
Output Lines: 1

ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
Power and Current: 58 W, 0.5 A @ 120 V
                   58 W, 0.3 A @ 230 V
Power Supply: Electronic internal
Power Linking: N/A
Power Connection: 5 ft (1.5 m) IEC cable

THERMAL SPECIFICATIONS
Cooling: Convection
Startup Temperature Range: 68 °F to 104 °F (20 to 40) °C
Operating Temperature Range: 68 °F to 104 °F (20 to 40) °C
Storage Temperature Range: 68 °F to 104 °F (20 to 40) °C

REGULATORY & VOLUNTARY QUALIFICATION
Certification Listings: ETL, CE
Environment: Dry location, IP20
Warranty: 36 month manufacturer's limited warranty (for covered regions only)

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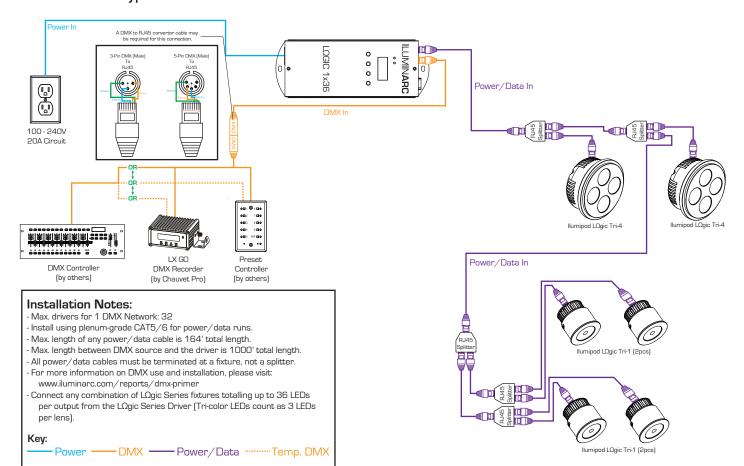
WWW.ILUMINARC.COM - INFO@ILUMINARC.COM
Iluminarc reserves the right to make improvements to this product
and its specifications at anytime without notice.

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LΩGIC 1x36
Item Number: 31X36001

LΩGIC 1x36 Typical Installation

Power In

A DMX to RJ45 convertor cable may be required for this connection.

3-Pin DMX (Male) To RJ45

5-Pin DMX (Male) To RJ45

LΩGIC 1x36

Power/Data In

DMX In

100 - 240V 20A Circuit

OR OR OR

DMX Controller (by others)

LX GO DMX Recorder (by Chauvet Pro)

Preset Controller (by others)

Ilumipod LΩgic Tri-4

Ilumipod LΩgic Tri-4

Power/Data In

RJ45 Splitter

Ilumipod LΩgic Tri-1 (2pcs)

Ilumipod LΩgic Tri-1 (2pcs)

Installation Notes:
- Max. drivers for 1 DMX Network: 32
- Install using plenum-grade CAT5/6 for power/data runs.
- Max. length of any power/data cable is 164' total length.
- Max. length between DMX source and the driver is 1000' total length.
- All power/data cables must be terminated at a fixture, not a splitter.
- For more information on DMX use and installation, please visit: www.iluminarc.com/reports/dmx-primer
- Connect any combination of LΩgic Series fixtures totalling up to 36 LEDs per output from the LΩgic Series Driver (Tri-color LEDs count as 3 LEDs per lens).

Key:
—— Power —— DMX —— Power/Data ·········· Temp. DMX