CONSTRUCTION & PHYSICAL SPECIFICATIONS
Length: 21 in (532 mm)
Width: 6.9 in (176 mm)
Height: 4.3 in (108 mm)
Weight: 15 lb (6.8 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, 9 or 48
Operating Modes: Selectable personalities
  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
  PERS 6 [48-channel]: red, green, blue control of each line
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: 16

ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
Power and Current: 650 W, 5.4 A @ 120 V
  650 W, 2.8 A @ 230 V
Power Supply: Electronic internal
Power Linking: N/A
Power Connection: 4.1 ft (1.2 m) 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)
ILUMINARC®

LOGIC 16x36
Item Number: 316X36001

LOGIC 16x36 Typical Installation

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 LOGIC Series fixtures totalling up to 36 LEDs per output from the LOGIC Series Driver [Tricolor LEDs count as 3 LEDs per lens].

Key:
- Power
- DMX
- Power/Data
- Temp. DMX

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