Ilumiline LΩgic™ 12 RGB

Quick Reference Guide
What is Included

- One Ilumiline LΩgic™ 12 RGB
- One Quick Reference Guide
- One CAT5 Splitter
- One Warranty Card

About this Guide

The Ilumiline LΩgic™ 12 RGB Quick Reference Guide (QRG) contains the product’s features, options, input power, mounting information, wiring, connectivity, and dimensions.

Refer to the applicable LΩgic™ Controller User Manual from the ILUMINARC® website (www.iluminarc.com) to learn about the disclaimers, safety notes, programming modes, and detailed technical information and instructions.

Product at a Glance

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Features

- RGB LED wash light product
- Compatible with LΩgic™ controllers
- High power 1 W (350 mA) LEDs
- RGB color mixing (with LΩgic™ Controller)
- Extruded aluminum housing (silver)
- Belden 1585A plenum-rated data/power cable (79 in/2 m) with RJ45 connector
- Low power consumption
- IP20 ingress protection
- Lightweight and durable construction
- Plenum-rated cable

Controllers

Please refer to the applicable User Manual to learn more about the LΩgic™ controllers’ currently available. The User Manuals can be downloaded from the ILUMINARC® website (www.iluminarc.com).

- LΩgic™ 1x36
- LΩgic™ 4x36
- LΩgic™ 16x36
Input Power

The input power for this product is provided by a LΩgic™ Controller (1,050 mA @ 48 V).

Mounting

The Ilumiline LΩgic™ 12 RGB includes mounting hardware with 6.3-mm holes, which allow the product to be mounted on any flat surface. Once mounted, the angle can also be adjusted.

Wiring

This product comes with a 79 in (2 m) long CAT 5 cable, terminated with an RJ45 plug to connect to a LΩgic™ Controller. If using the included splitter or if making an extension of the product’s cable, you must use plenum-grade CAT 5/6 wire. The RJ45 connector pin out is shown below.

```
Pin | Wire Color     | Function
--- |----------------|---------
1   | White/orange   | Red LED +
2   | Orange/white   | Green LED +
3   | White/green    | Blue LED +
4   | Blue/white     | Not used
5   | White/blue     | Red LED -
6   | Green/white    | Green LED -
7   | White/brown    | Blue LED -
8   | Brown/white    | Not used
```

Connectivity

The figure below shows a possible connection layout using this product and a LΩgic™ 4X36 Controller. Refer to the applicable LΩgic™ Controller User Manual regarding wiring layouts and limitations.

```
Connection Diagram
```

All cables must be terminated to a product. Do not use the splitter as a coupler.
Dimensions

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