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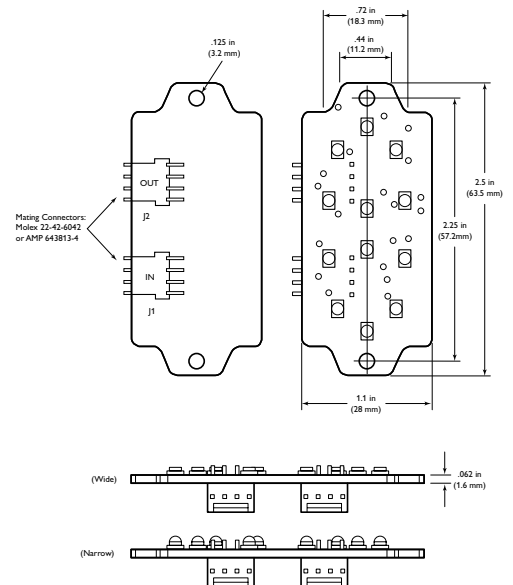
Project: _____

DLE R-201

Networkable, color-changing digital light engine for accent lighting

DLE R-201 is designed for accent lighting applications, direct view, and backlighting. DLE R-201 provides product designers with a building block to integrate controllable lighting effects into any product or application.

- **Compact design** — Each DLE R-201 measures approximately 2.5 X 1.1 in (64 x 28 mm).
- **Narrow and wide beam available for accent lighting** — The light engine comes in two versions, narrow (48° beam angle) and wide (120° beam angle) optics.
- **64 billion additive RGB colors** — 12 LEDs (four red, four green, and four blue) provide a full 36-bit control of emitted color; for 64 billion additive colors. Color changes happen smoothly and are virtually instantaneous.
- **Each digital light engine is individually controllable** — Power / data modules and supplies assign each light engine an address. These addresses distinguish each DLE R-201 from the other digital light engines and fixtures on your network, making each light engine individually controllable.
- **Accepts DMX or Ethernet controller input** — When paired with the appropriate power / data module or power / data supply, the light engine accepts DMX or Ethernet controller data. This enables scalable control for both small and large sets of LEDs for light shows.
- **Unrivalled expertise** — DLE R-201 is supported by Philips Color Kinetics comprehensive technical and sales support, allowing OEM partners to benefit from Philips Color Kinetics years of experience as an LED product design leader. Philips Color Kinetics is available for design assistance, pre-installation planning, technical support and training.



Specifications

Due to continuous improvements and innovations, specifications may change without notice.

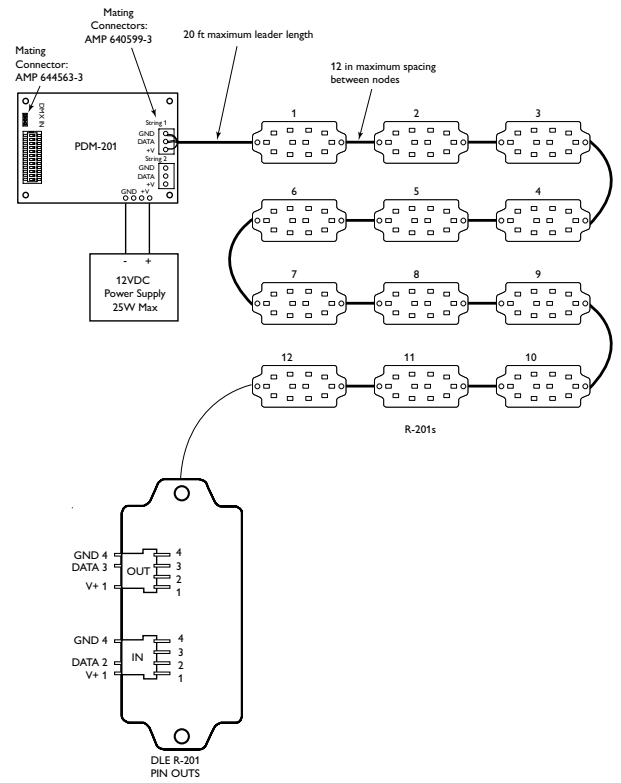
Item	Specification	Details
Output	Lumens	10*
	Beam Angle	48° or 120°
	LED Channels	Red / Green / Blue
	Resolution	8-bit per channel
Electrical	Input Voltage	12VDC Regulated, +/- 0.5
	Power Consumption	2 W Max. at full intensity (full RGB)
	Maximum Input Current	16 mA (minimum) / 167 mA (maximum)
Control	Control System	Philips full range of controllers, or a third-party DMX controller
Physical	Dimensions (Thickness x Width x Depth)	0.6 x 2.5 x 1.1 in (15 x 64 x 28 mm)
	Connectors	4-pin connector
	Compatible Mating Connector	Amp/Tyco P/N: 643813-4

* This is an estimated value. Actual lumens will depend on the implementation.

Ordering Information

Item		Item Number
DLE R-201	48°	118-000076-00
	120°	118-000094-00
PDS-60 12V		109-000020-00
		109-000020-03
PDM-201		118-000062-00
PDM-202		118-000063-00

* The DLE C-101 can use Philips Color Kinetics PDS-150e or PDS-60 power / data supplies as well as PDM-101 and PDM-103 power / data modules.



Typical Installation Using Color Kinetics PDM-201 Power / Data Module, Single DLE

Compatible Power / Data Sources

Power / Data Source	Max. Quantity of DLEs
PDM-201	Variable*
PDM-202	Variable*

*The number of DLEs supported depends on the wattage of the power supply used in the implementation.



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