

modaLIGHT[®]

SPECIFICATION

PHAROS RIO D (DALI)

The Pharos RIO D (Remote Input Output DALI) device provides a convenient and scalable way to control DALI fixtures and ballasts from Pharos Controllers. Each RIO D supports a single DALI bus, which can be used as an output for control and as an input for triggering. Each device can be placed where it is needed and connected to a Pharos Controller over an Ethernet network.



CAPABILITIES

DALI Master	Control for up to 64 DALI devices; DALI discovery and configuration commands
DALI Slave	Use DALI messages from other systems or wall panels as triggers in Pharos
Emergency Lighting	Emergency Lighting Schedule automatic Function and Duration tests; automatic querying for battery level and lamp hours; test result and error reporting web page
Bus Power Detection	A separate DALI bus power supply is required – but the RIO D can detect and report bus power errors
Scalable	Support for up to 200 RIO D units in a single system – with each Controller supporting up to 100 (LPC X), 64 (LPC 4), 32 (LPC 2), 16 (LPC 1/TPC) units

INTERFACES

Ethernet	RJ45 socket for 10/100Base-TX Ethernet with Link/Data LEDs; Fixed IP or DHCP; Power-over-Ethernet (PoE)
DALI	Master (up to 64 devices) or Slave *

* Install-friendly 0.200" (5.08mm) plug in rising clamp connectors (included)

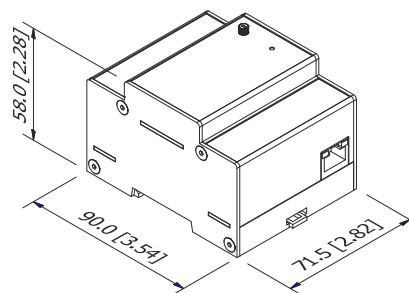
ORDER CODE & VARIANTS

RIO D	Remote DALI Device (DALI)
	<i>Pharos Controller required</i>

SPECIFICATION

Certifications	CE compliant, ETL/cETL listed
Power	PoE (IEEE802.3af, Class 1) 1.5W typical
Required	Any Pharos Controller
Addressing	By rotary selector switch
Temperature	0°C to 50°C (32°F to 122°F)
Physical	4 unit wide DIN rail mounting enclosure (DIN43880 / EN60715 (35/7.5 rail))
Weight	0.3 kg (0.7 lbs)
Shipping	20 x 15 x 12 cm (8" x 6" x 5") 0.5 kg (1.1 lbs)
Recovery	Hardware watchdog and recessed reset button
Warranty	5 years

DIMENSIONS



STANDARDS & CERTIFICATIONS



5
YEAR
WARRANTY

Project Name:

Notes: