

LANTANA LED

REMOTE DRIVER UNIT (RDU)

SPECIFICATION



The remote driver unit for up to 20 drivers with optional dual and single controls sidecar is ideal for businesses seeking energy-efficient, safe, and easy-to-manage lighting systems.



Electrical

- Class 2 Electrical Device
- Max Rating 1720W, 50% Emergency
- Distributed Low-Voltage

Input:

- 277 VAC/1.8A, 50-60 Hz
- 120 VAC/4.2A, 50-60Hz

Wiring:

- Run Length <150' - 18/2 GA Wiring
- Run Length >150' - 16/2 GA Wiring

Operating Conditions:

- Ambient Operating Temp:
 - Normal -20°C to 50°C
 - Emergency -20°C to 40°C
- Humidity: 10% to 90% RH (non-condensing)

Materials:

- Recyclable 5052 Aluminum Sheet Metal

Sizes:

- 6 Drivers (RDU6)
- 12 Drivers (RDU12)
- 14 Drivers (RDU14)
- 20 Drivers (RDUXX)

Warranty:

- 5-Year Limited

Additional Features

- Controls Agnostic
 - Optional Single Controls Sidecar
 - Optional Dual Controls Sidecar
- Localized on/off switch box
- Pre-Zone and Pre-Programmed
- Reduce Energy Consumption
- Centralized Maintenance
- Less Material and Labor
- Improved Safety
- Integrated Controls

Certifications & Standards

- UL2108 Low-Voltage
- UL924 Emergency
- UL508 Auxillary Device
- UL Approved for Normal and Emergency in Same Enclosure
- NEMA 2
- Title 24 Compliant
- BAA

Applications

- Education
- Commercial Office
- Hospitality
- Retail
- Data Centers
- Hot Aisle Containment
- Suitable for Damp Locations

REMOTE DRIVER UNIT

ORDERING INFORMATION

SERIES/REMOTE DRIVER UNIT	OPTIONAL CONTROLS SIDECAR*
RDU6- 6 drivers	C-Single Controls Sidecar
RDU12- 12 drivers	C2 -Dual Controls Sidecar
RDU14- 14 drivers	
RDUXX- 20 drivers	

Use this page to order the number of remote driver units. A separate RDU configuration (page 3) must be submitted 6 weeks before estimated delivery. See configuration example on page 4.

If ordering C or C2, call for configuration instructions.
*Controls sold separately.

Project:	Date:
Part Number:	Qty:
Notes:	

REMOTE DRIVER UNIT

ORDERING INFORMATION

Fill out per each RDU, unless configuration is identical for more than one RDU.

Driver #	Zone	Fixture/Size	Sensor	Emergency	Dimming	Watts
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

RDU configuration must be submitted 6 weeks before estimated delivery. See configuration example on page 4.

If ordering C or C2, call for configuration instructions.

*Controls sold separately.

Project Name

QTY

RDU ID(s)

Location(s)

REMOTE DRIVER UNIT

PRE-WIRED & PRE-ZONED EXAMPLE

EXAMPLE:

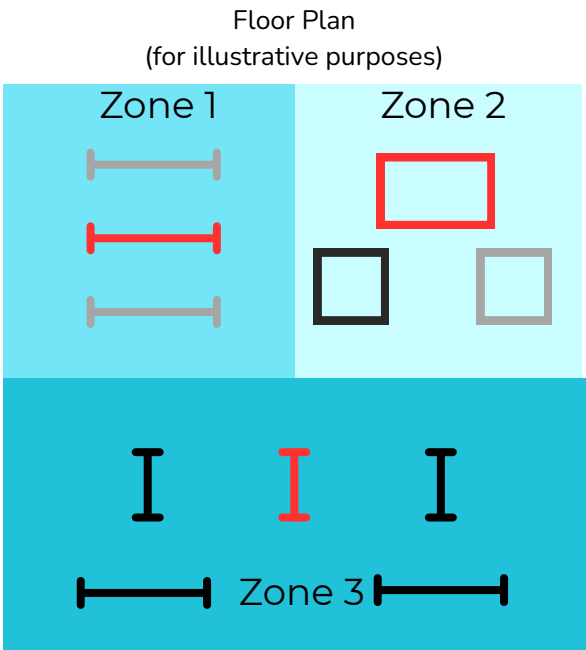
Project requires 11 fixtures in 3 different zones. Owner would like spare drivers for backup. Total drivers = 13.
RDU14 can house up to 14 drivers.

Legend

Dim

Emergency

Normal



RDU14 Example Shown

Emergency drivers must not exceed 50% of capacity

Slot#	Zone	Fixture/Size	Sensor	Emergency	Dimming	Wattage
1	1	ETCL-8	Yes	No	Yes	40
2	1	ETCL-8	No	Yes	Yes	40
3	1	ETCL-8	No	No	Yes	40
4	2	ITRF-22	Yes	No	No	40
5	2	ITRF-24	No	Yes	Yes	40
6	2	ITRF-22	No	No	Yes	40
7	-	Unwired		-	-	40
8	3	ILIN-4	Yes	No	No	60
9	3	ILIN-4	No	Yes	No	60
10	3	ILIN-4	No	No	No	60
11	3	ILIN-8	No	No	No	60
12	3	ILIN-8	No	No	No	40
13	-	Unwired		-	-	40
14	-	Empty		-	-	-

Drivers assigned to the same zone should be positioned next to one another for optimal organization.

Use Unwired and preferred wattage (40W, 54W, 75W) for spare drivers. Spare drivers are not wired or zoned.

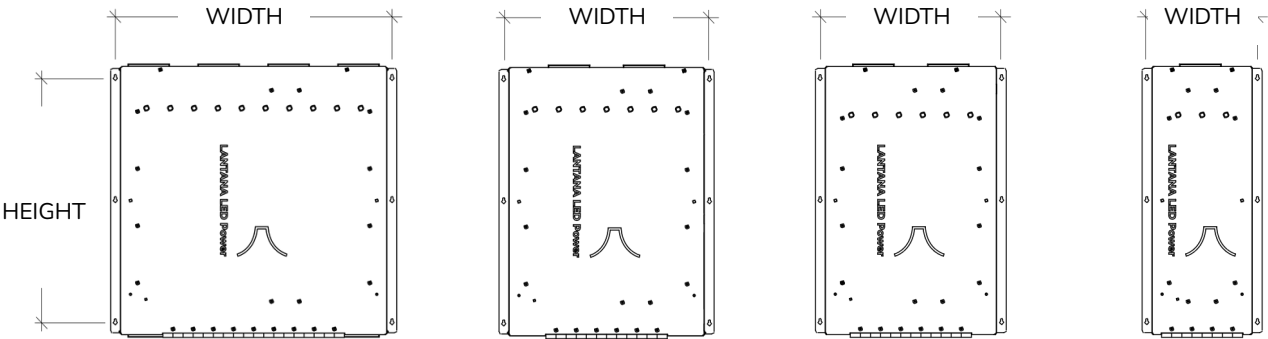
If using less than 20 drivers, indicate Empty for no driver.



REMOTE DRIVER UNIT

DIMENSIONS

LANTANA LED Remote Driver Unit RDUXX with Dual Controls Sidecar and Localized Power Switchbox shown.



FIXTURE SIZE	WIDTH		HEIGHT		DEPTH		WEIGHT		CONTROLS*		ZONES	
	IN	MM	IN	MM	IN	MM	LBS	KG	Dim	Emergency	Dim	Emergency
RDUXX-20 Drivers	28.5	72	27	69	4.5	11	42	19			up to 20	up to 10
RDU14-14 Drivers	21.5	55	27	69	4.5	11	30	14			up to 14	up to 7
RDU12-12 Drivers	19	27	27	69	4.5	11	25	11			up to 12	up to 6
RDU6-6 Drivers	12	30	27	69	4.5	11	14	6			up to 6	up to 3
C-Single Controls Side Car w/Localized Switchbox	12.78	32	17.94	46	5.81	15	13.50	6	1	2	1-3	2
C2-Dual Controls Side Car w/Localized Switchbox	12.78	32	26.6	68	5.81	15	25.25	11	2	4	2-6	4

*Controls not included