

2D Universal Emergency Gear Tray. C/W LED

R282DEPK-CU Maintained Emergency Gear Tray.

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.
! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:

Product technical information and specification may change over time without prior notification
For the latest technical information please visit our web site WWW.ledgrouprobust.com or robustdirect.com

Specifications

Model No:	R282DEPK-CU
Operating mode	Maintained or non-maintained
Supply Voltage:	220-240V~50/60Hz
Power Consumption:	28W
Cap type:	GR10q
Power Factor:	0.8
Ballast lumen factor:	0.15 Emergency Mode
Battery:	4 x 4Ah Ni-Cd cells
Battery Life:	Min 3 years normal use
Discharge Duration:	>3 hours after minimum 36Hr charge
Operating temp Range:	-5°C < ta < +25°C
IP Rating:	20
Safety Classification:	Class I
Length:	240mm
Width:	165mm
Depth:	36mm
Weight:	1.24kg
Warranty:	2 Years

Suitable for mounting on a normally flammable surface

!Not suitable for continuous operation.

Attention: Do not install this pack in an IP66 or higher fitting indoors. Excessive high temperature may damage electronic components. Green LED indicator indicates battery charging mode. Safety and performance in accordance with EN60598-1, EN60598-2-22, EN50082-1, EN61000-3-2, EN61000-3-3

Installation

- ! Warning. Isolate mains supply before installing or servicing
1. Mark appropriate drilling points on fitting. Where fitting must be weatherproof apply silicon sealant to fixings.
 2. Fit cable gland (if weatherproofing necessary) and introduce supply cable. (Normally, the emergency fitting must be powered from the lighting circuit feed)
 3. Write installation date on battery
 4. Connect wires from unswitched supply, brown to L, Blue to N and green/yellow to earth marked terminals on gear tray. For lamp always on, link L to terminal "mains" for lamp switched, connect switched live wire to terminal "mains". Note: if mains terminal not connected, fitting works as non-maintained emergency luminaire
 5. Refit cover.
 6. Switch on supply: In the non-maintained unit the green led should come on indicating correct battery charge has started. The lamp only lights if the mains supply fails. In the maintained unit, the green led will come on indicating correct battery charge has started and the lamp will light (if switched live on). When supply to the unswitched live is lost, battery will operate lamp in emergency mode (at reduced light output) When connected to supply the green led will come on indicating correct battery charge has started and the lamp will light (if switched live on). When supply to the unswitched live is lost, battery will operate lamp in emergency mode (at reduced light output)

Note Lamp Replacement:

Power to fitting must be disconnected for a minimum of 30 seconds before lamp will come back on. When in operating the lamp become very hot. Allow to cool before undertaking any maintenance work.

SWITCHING AND OPERATION INFORMATION FOR ROBUST LIGHTING PRODUCTS

ROBUS lighting products are suitable for use with standard switch, pull cord, retractive switch and PIRs, however certain guidelines should be adhered to in order maximise lamp and fitting life.

Estimated average lamp life claims are based on switching cycles of 2 ¾ hours on, ¼ hour off. Switching cycles of shorter duration may affect lamp and ballast life significantly.

To reduce the detrimental effect of short switching cycles, fittings should be left on or controls set to a minimum of 15 minutes, preferably 30 minutes, but even these time delay periods may reduce average lamp/ballast life.

Damaged lamps should be replaced promptly. A damaged lamp left unchanged for a long period can lead to control gear damage. These fittings are not suitable for installation where ambient air temperature is above 25°C

The Installation must be carried out by an electrician

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Testing The emergency lighting must be inspected and tested regularly in accordance with local codes of practice: note: for safety reasons tests should be carried out during daylight hours.

The minimum recommended test schedule is as follows: After installation, allow 36 hours to ensure full battery charge and then interrupt the supply; check after 3 hours that tube is still lighting.

1. Daily check that charge indicator led is working
2. Monthly, interrupt mains for a short period and check tubes light
3. Six-monthly, check 1 hour duration
4. At the end of year 3 and subsequently every year, check 3 hour duration: batteries must be replaced when they can no longer support 3 hour operation.
5. Complete record sheet on installation and retain in maintenance file.
6. Update file with ongoing test records for inspection by fire officer or other duly authorised person

Installation and Maintenance Record:

Installer _____

Installation _____

Type _____

Installation test duration & Date _____

Month	Test	1 st Year		2 st Year		3 st Year		4 st Year		5 st Year	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	Short										
2	Short										
3	Short										
4	Short										
5	Short										
6	Short										
7	Short										
8	Short										
9	Short										
10	Short										
11	Short										
12	Short										
	3Hr.										

Information for the Product user

1. Please note the requirement to dispose of Waste Electrical & Electronic Equipment separately from household waste (WEEE marked with crossed out wheellie bin symbol).
2. Please consider your role in contributing to re-use and recycling by returning this product at end of life to a collection centre for waste electrical equipment or a Civic Amenity site, or to a retail outlet from which you are purchasing a replacement.
3. This equipment may contain substances that are hazardous to health and the environment if disposed of carelessly. It is important that it is separated from normal household waste and recycled in the WEEE chain
4. The "crossed out wheellie bin symbol" on a product indicates this equipment must not be disposed of in normal household waste, but should be disposed of according to local WEEE regulations

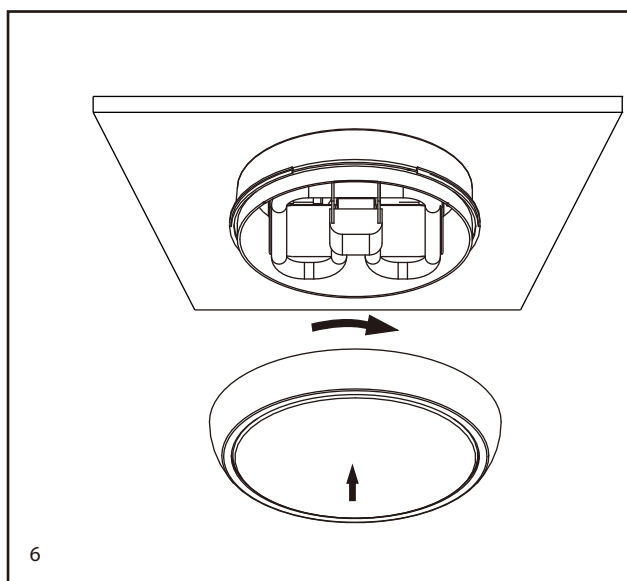
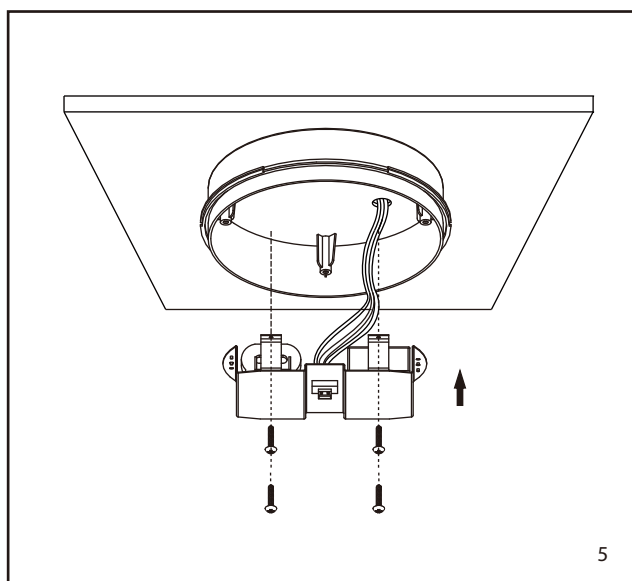
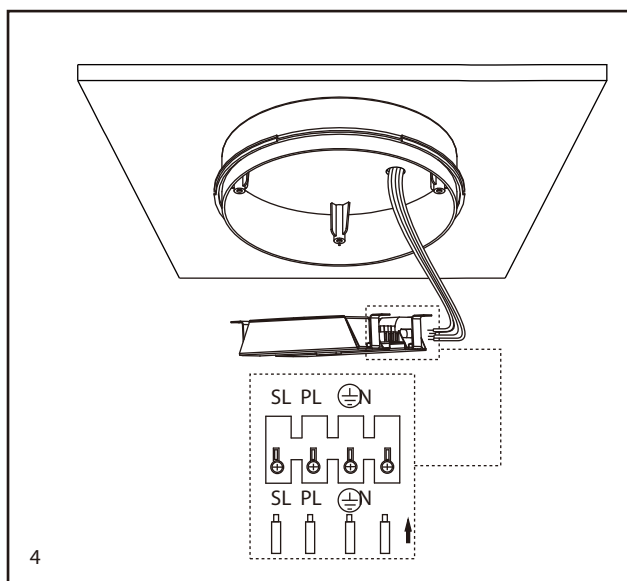
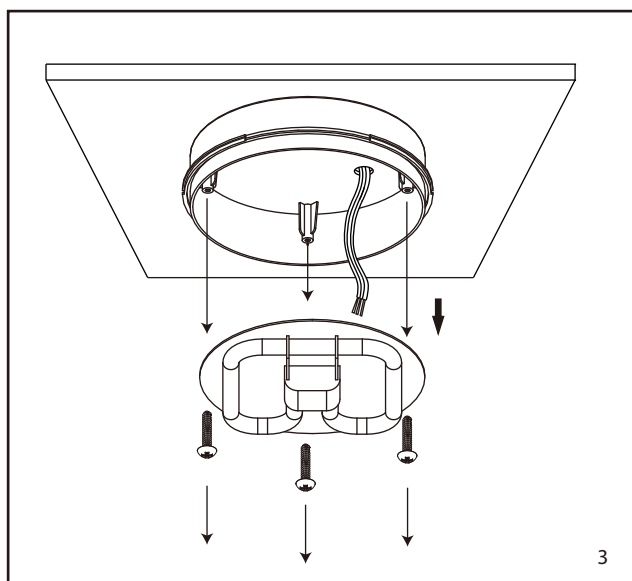
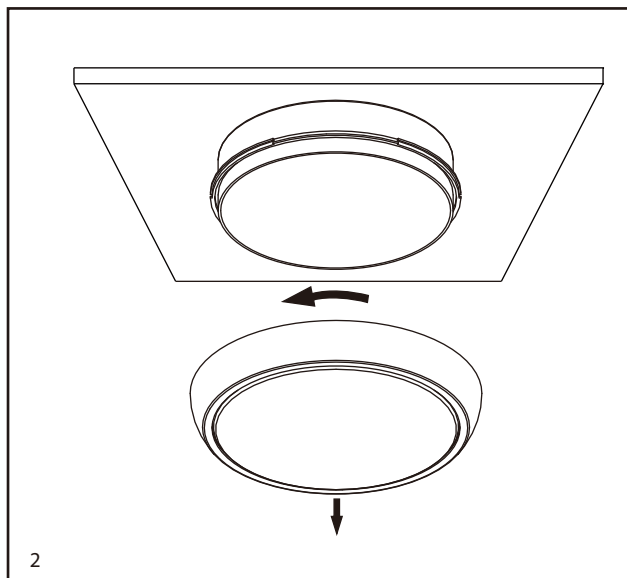
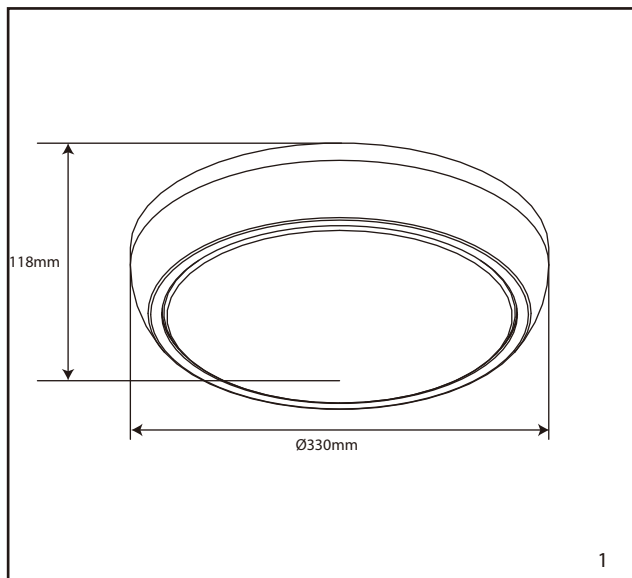
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Installation diagram



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