



LEADER LIGHT s.r.o.
M.Gorkeho 33
052 01 Spisska Nova Ves
Slovakia
www.leaderlight.eu

LEADER LIGHT

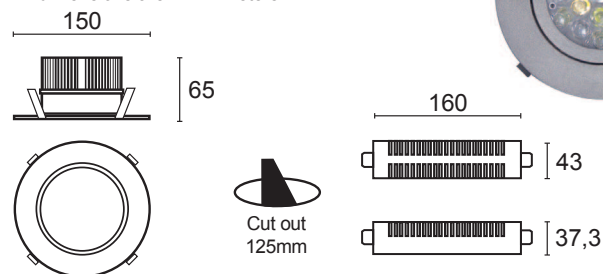
USER MANUAL

LL ARC DOWNLIGHT 12 ADJUSTABLE

LL31 715

COMPLIMENTS ON YOUR PURCHASE!

All dimensions are in millimeters



Package includes:

- LL ARC DOWNLIGHT ADJUSTABLE with Driver and 0,5m cable
- User manual

1pc.
1pc.

Content:

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ENVIRONMENTAL PROTECTION

Do not throw away the appliance with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment.



01 SAFETY INFORMATION



WARNING!!!

Carefully read before installing, powering or servicing. Nothing to do if anything misunderstand! Installation can be done only by a qualified professional in accordance with relevant local codes.

01.1 Risk of eyes damage

- Do not look directly into LED lamps.
- Do not look into light beam from a distance of less than 40 cm (16 inches)!



01.2 Safety instructions

- Shut down power before installation or maintenance.
- Do not modify, alter, or attempt to service the LEADER LIGHT appliance. Doing so will void the warranty.
- Appliance and recommended AC power supply must be installed by a qualified professional in accordance with relevant local codes. Use only acceptable source of AC power and frequency that complies with local building and electrical codes.
- Use only the recommended voltage source.
- Appliance always connect to earth (eltech.)!
- Do not use or do not connect the products if the power cable, power plug or fixtures are any way damaged, wet, or if they are overheating.
- Before removing or installing any cover or part of appliance disconnect it from AC power.
- AC power supply must be protected against overvoltage and short circuits.

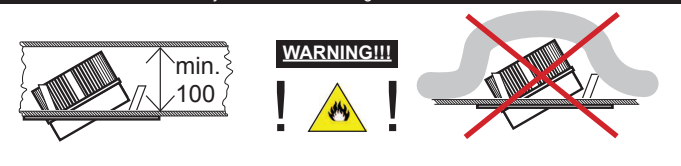


01.3 Fire protection

- Follow all safety restrictions.
- Thermostatic switches or fuses never to bypass.
- Device never shield. Around the axis of the fitting (180°) must be maintained space for cooling. Minimum space for downlight installation is 100mm.
- LEDs never direct cover with filters or other materials.
- Allowing max. ambient temperature is 40°C (104°F).



Non-minimum distance is at your own risk! Downlight and Driver never shield!



02 PRODUCT SPECIFICATION

02.1 Technical specification

Power connection: 100-240V AC, 50/60Hz

IP: IP20

Max. input power: 20W

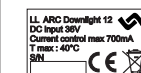
Ambient temp. (Ta): Maximum 40°C

Net weight: 0,61kg + 0,21kg (Driver)

Adjustable: +/- 15 °

Installation: Recessed mounting

02.2 Product description



- Cable to AC power
cca 400mm



- DRIVER

- Cable Downlight to Driver
cca 400mm

03 INSTALLATION

03.1 Unpacking

- Unpack carefully.
- This is electronic equipment and should be handled carefully.
- Damaged delivered package or if are any mechanical parts broken – it must be claim immediately by the transport company. Photo pictures as evidence are valuable for future claim.

03.2 Physical installation (drawing 1.1)

- Loading capacity of bearing area has to be at least 10 times the weight of all device clusters.
- Hairbreadth from combustible materials is 0,5m.

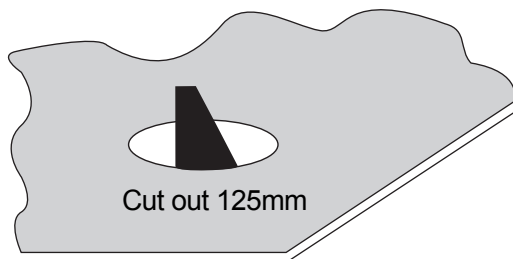
03.3 Connection

- Respect all SAFETY INFORMATION 01!
- Connect the ground (earth) !
- It is not necessary to open the fixture and Driver before power supply.
- Cord fan connections:

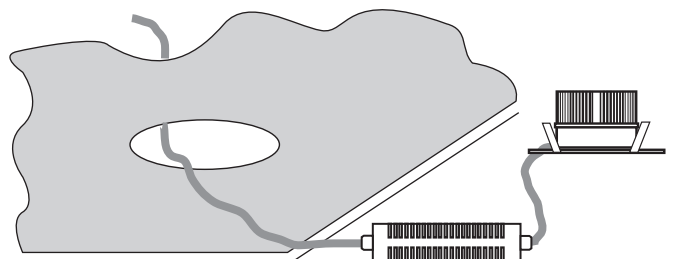


Symbol	Pin	Wire Colour	Screw (US)
L	live	brown	yellow or brass
N	neutral	blue	silver
⊕	ground (earth)	yellow/green	green

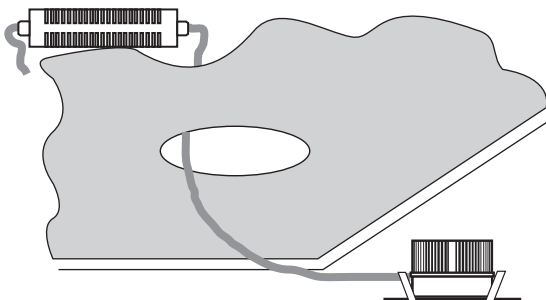
Suspended installation



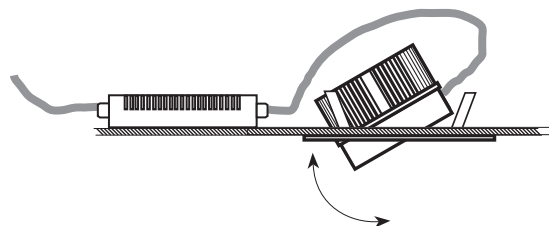
1.1.1. Cut hole in suspended ceiling. The allowed thickness of ceiling material is 2 ~ 25mm.



1.1.2. Connect the Driver to AC power supply 100-260V, 50/60Hz



1.1.3. The Driver and the downlight put in the hole



1.1.3. Adjust the downlight to the wish position.



Order code	Product name
LL31 715.45	LL ARC DOWNLIGHT ADJUSTABLE 12 4500K
LL31 715.46	LL ARC DOWNLIGHT ADJUSTABLE 12 3000K

04 MAINTENANCE AND SERVICE



- Before any maintenance is necessary to carefully read all **SAFETY INFORMATION 01!**
- Damages caused by inadequate cleaning or maintenance are not covered by warranty.
- Requires periodic cleaning (dust, dirt, ...)

Procedure for maintenance:

- Unplug mains before maintenance and at least 10 minutes cool off.
- Appliance do not illegal open or demount.
- Clean-up dust only from outer surface. Use vacuum or dumpy duster (warm water)
- Before reinstalling make sure everything is intact and dry— no wet parts!

Service:

- Customer service provided by the manufacturer.

1.1