

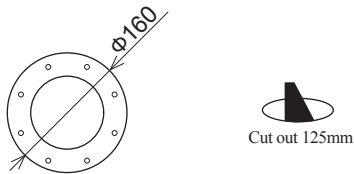
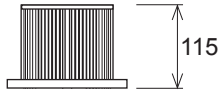
## USER MANUAL

### LL A3 SPOT 07 RECESSED W/N

LL31 480 | LL31 490 | LL31 485 | LL31 495

#### COMPLIMENTS ON YOUR PURCHASE!

All dimensions are in millimeters



#### Following items are included:

- LL A3 SPOT 07 RECESSED with 1,5 m cable
- User manual

1 pc.  
1 pc.

#### Additional items needed:

- Screws and washers

#### Content:

- 01 SAFETY INFORMATION**
  - 01.1 Risk of eyes damage
  - 01.2 Protection from electric shock
  - 01.3 Fire prevention
- 02 PRODUCT SPECIFICATION**
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- 03 INSTALLATION**
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  - 03.2 Physical installation
  - 03.3 Connecting to AC power
- 04 MAINTENANCE**

#### ENVIRONMENT



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 Protection from electric shock



- Shut down power before installation or maintenance.
- Luminaries and recommended AC power supply must be installed by a qualified professional in accordance with relevant local codes. Only acceptable source of AC power and frequency that complies with local building and electrical codes to use.
- 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.
- Do not modify, alter, or attempt to service the LeaderLight appliance. Doing so will void the warranty.
- Before removing or installing any cover or part of appliance disconnect it from AC power.
- Appliance always connect to earth (eltech.).

#### 01.3 Fire prevention



- Follow all safety consideration.
- Thermostatic switches or fuses never to bypass.
- Device never shield. Around the axis of the fitting (180°) must be maintained space for cooling. (figure 1.1).
- LEDs never direct cover with filters or other materials.
- Allowing max. ambient temperature is 40°C (104°F).

LL A3 SPOT 07 RECESSED W/N is not suitable for standard dimming!

## 02 PRODUCT SPECIFICATION

### 02.1 Technical Specification

<b>Lamp type:</b>	7 x W/N Acriche *
<b>Lifetime:</b>	Over 35 000 hrs
<b>Optic:</b>	Standard 5°, on request: 25°, 40°, 60°
<b>Max. input power:</b>	28W
<b>Power connection:</b>	220-240V 50/60Hz AC 1,5m cable On request US version: 100-120V
<b>Net weight:</b>	1,8kg
<b>IP:</b>	IP43 or IP65
<b>Ambient temp. (Ta):</b>	Maximum 40°C
<b>Cooling:</b>	Conventional
<b>Materials and finish:</b>	Powder painted aluminium RAL 9006 (other colours on request)
<b>Installation:</b>	Recessed mounting

\* Acriche:  W-White (6300°K),  N-Neutral White (3000°K)

## 03 INSTALLATION

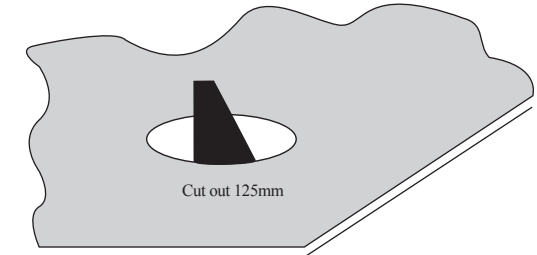
### 03.1 Unpacking

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

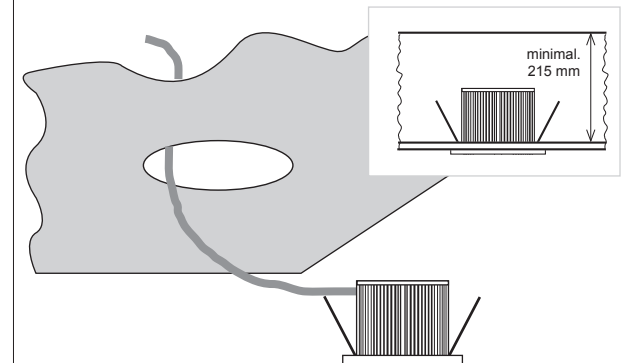
### 03.2 Physical installation

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

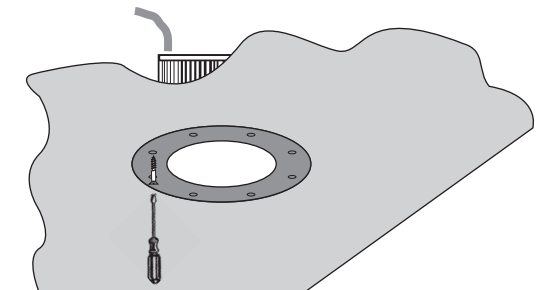
#### Suspended installation



- 1.1.1. Cut hole in suspended ceiling. The allowed thickness of ceiling material is max. 12mm.



- 1.1.2. Connect the fixture to the power supply.



- 1.1.3. Fit the decoration ring with screws in the suspended ceiling.

### 03.3 Connecting to AC power



- **To tackle all Safety Information- 01!**
- For protection from electric shock, the device must be grounded (earthed)!
- It is not necessary to open the fixture before power supply.
- Power supply is solved simple with 1,5m cable

Cord plug connections:

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

### 04 MAINTENANCE



- **To tackle all Safety Information- 01!**
- Damage caused by inadequate cleaning or maintenance is not covered by warranty.
- Regular cleaning is demand (dust, dirt, ...).

#### Maintenance policy:

- 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 to check failure-free state – no wet parts!

Order code	Product name
LL31 480	LL A3 SPOT 07 RECESSED W IP43
LL31 490	LL A3 SPOT 07 RECESSED N IP43
LL31 485	LL A3 SPOT 07 RECESSED W IP65
LL31 495	LL A3 SPOT 07 RECESSED N IP65