

USER MANUAL

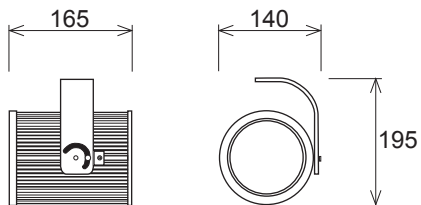
LL A3 SPOT 07 W/N

IP43: **LL33 480** **LL33 490**

IP65: **LL33 485** **LL33 495**

COMPLIMENTS ON YOUR PURCHASE!

All dimensions are in millimeters



Following items are included:

- LL A3 SPOT 07 W/N 1,5m cable 1 pc.
- Adjustable mounting bracket 1 pc.
- User manual 1 pc.

Additional items needed:

- Screws and washers 1xM12, 2xM10

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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. Minimum distance from the surrounding objects must be 100mm (4 in.) (figure 1.1).
- LEDs never direct cover with filters or other materials.
- Allowing max. ambient temperature is 40°C (104°F).
- Luminaries never use without mounting brackets. The housing never install directly to the surface.

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

02 PRODUCT SPECIFICATION

02.1 Technical Specification

| | |
|------------------------------|---|
| Lamp type: | 7 x W/N Acriche * |
| Lifetime: | Over 35 000 hrs |
| Optic: | Standard 5°, on request: 25°, 40°, 60° |
| Max. input power: | 28W |
| Power connection: | 220-240V 50/60Hz AC 1,5m cable On request US version: 100-120V |
| Net weight: | 1,9kg |
| IP: | IP43 or IP65 |
| Ambient temp. (Ta): | Maximum 40°C |
| Cooling: | Conventional |
| Materials and finish: | Powder painted aluminium RAL 9006 (other colours on request) |
| Installation: | Surface mounting |

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

03 INSTALLATION

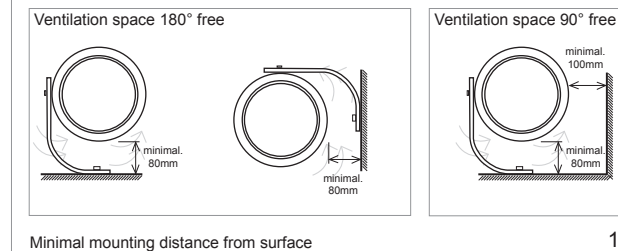
03.1 Unpacking

- 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

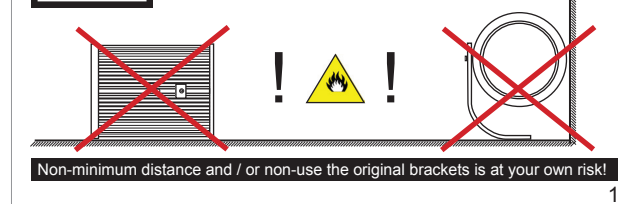
- Loading capacity of bearing area has to be at least 10 times the weight of all device clusters (luminaries, clamps, cables, ...).
- Hairbreadth from combustible materials is 0,5m.

INSTALLATION DISTANCE



1.1

WARNING!!!



1.2

03.3 Connecting to AC power

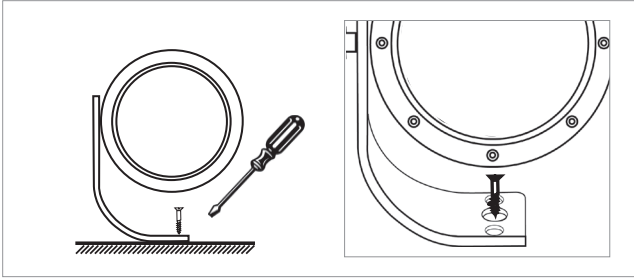


- **To tackle all Safety Information- 01!**
- For protection from electric shock, the device must be grounded (earthed)!
- It is not necessary to open the fixture before power supply.
- Power supply is solved simple with 1,5m cable

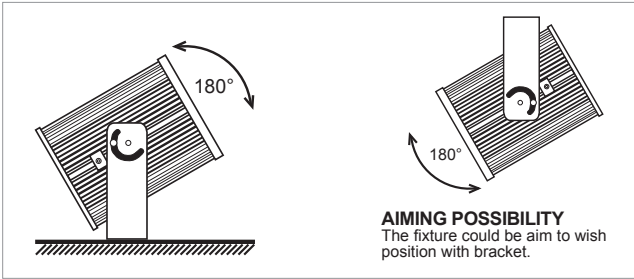
Cord plug connections:

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

Surface installation



Screw the fixture to the surface (M12 or 2xM10)



Unfix by hand the screw and aim the fixture to the wish position and fix.

1.3

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 (for ex. scuttle, diffuser and lenses).
- Use vacuum or dumpy duster (warm water)
- Before reinstalling to check failure-free state – no wet parts!

| Order code | Product name |
|------------|----------------------|
| LL33 480 | LL A3 SPOT 07 W IP43 |
| LL33 490 | LL A3 SPOT 07 N IP43 |
| LL33 485 | LL A3 SPOT 07 W IP65 |
| LL33 495 | LL A3 SPOT 07 N IP65 |