

WARNING

ATTENTION!
THE INSTALLER MUST MAKE SURE THAT ALL LOCAL SAFETY REGULATIONS AND LEGAL REQUIREMENTS ARE FOLLOWED WHEN SELECTING AND INSTALLING CABLES, CONDUIT, WARNING TAPE AND ALL RELATED ITEMS FOR THE CL5 LISA.

WARNING

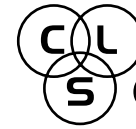
ATTENTION!
CABLES AND FIXTURES MUST BE ISOLATED FROM THE DRIVER, AND STEPS MUST BE TAKEN TO PREVENT RECONNECTION, BEFORE CARRYING OUT ANY WORK ON THEM. BEFORE APPLYING AC POWER, CHECK THE CURRENT OF THE DRIVER (350MA) AND CHECK THAT THE CONNECTORS ARE ASSEMBLED CORRECTLY AND TIGHTENED. DO NOT CONNECT THE CL5 LISA TO AN ELECTRICAL DIMMING SYSTEM, DOING SO CAN DAMAGE THE ELECTRONICS.

TECHNICAL SPECIFICATIONS

LED:	Luxeon® I
Lenses:	Flood (± 45°)
Powersupply:	350 mA max.
Power consumption:	1.5 Watt
IP-rating:	IP68
Measurements:	60 (top) x 43 (inground) high 41 mm
Cut out size:	53mm
Housing:	Stainless steel 316
Glass thickness:	5mm
Cable:	H05RN-F Rubber cable, 3 meters
Weight:	0,50 Kg
Shipping weight:	0,55 Kg
Shipping dimensions:	83 x 77 x 102 mm
Ambient temperature:	-20 to +40°



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Creative Lighting Solutions



CLS Lisa

INTRODUCTION

Thank you for choosing the CLS Lisa. The CLS Lisa floodlight is a compact, yet powerful floodlight for numerous applications. The unit can be used for lighting up all sorts of indoor and outdoor projects.

Included items

The CLS Lisa is shipped in one package containing the following items:

- 1 x CLS Lisa
- 1 x user manual

Optional accessories

- | | |
|--|-------------------|
| • CLS MT 10 LED driver, for max. 8 Lisa units | art. nr. 872004 |
| • CLS MT 20 LED driver, for max. 8 Lisa units | art. nr. 872005 |
| • CLS MT 35 LED driver, for max. 8 Lisa units | art. nr. 872009 |
| • Potentiometer mcu-100K for MT 35 | art. nr. 872010 |
| • CLS MT 24.35 LED driver, for max. 3 Lisa units | art. nr. 87872017 |
| • CLS MT 51 LED driver, for max. 3 Lisa units | art. nr. 87129940 |

NOTE: It is important to read this manual before you install this product.

SAFETY INFORMATION

Warning! This product is for professional use only, not for domestic use.

Read this manual before powering up or installing the CLS Lisa. Follow the instructions listed below and observe all warnings in this manual.

Protection from electric shock

- Disconnect the driver (optional) from AC power before installing, dismantling or maintaining the unit.
- Make sure all connectors are connected properly.
- Use only a source of AC power that complies with local building and electrical codes and has both overload and ground-fault protection.
- Refer all service to a qualified technician.

Protection from burns and fire

- Do not install the CLS Lisa near a heat source.
- Do not install the CLS Lisa in a corrosive, flammable or explosive area.
- Do not modify the CLS Lisa, or install other than genuine parts.
- Do not operate the CLS Lisa if the ambient temperature exceeds 40°C.
- Operate in a well-ventilated area.

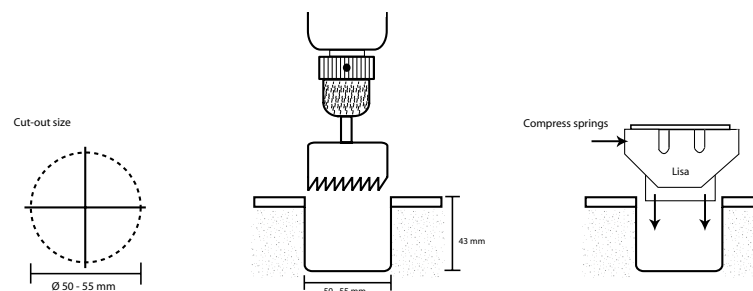
Protection from injury due to falls

- Verify that all covers and mounting hardware are securely fastened.
- Block the access below the work area whenever installing or removing the unit.

INSTALLATION

This section describes how to install the CLS Lisa.

- Make a circle in the mounting surface with a diameter between 50 and 55 mm.
- Thread the cable through the hole. Compress the Stainless steel springs and fit these into the hole.



- Connect a maximum of 8 CLS Lisa's wired in SERIES.
- Use a waterproof junction box for connecting the Lisa-cables.
- Wire the end + and - leads of the series loop into the + and - terminals respectively of the powersupply MT 10, MT 20 or MT 35

