

PRODUCT DESCRIPTION

DLS LIGHT SENSOR DALI

INTRODUCTION

DLS is an addressable DALI-compatible sensor that measures light intensity.



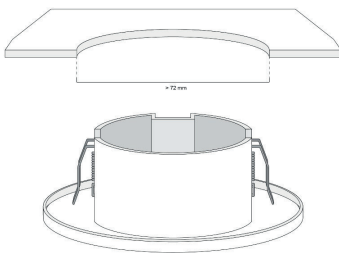
DLS – Daylight Sensor DALI.

FUNCTION

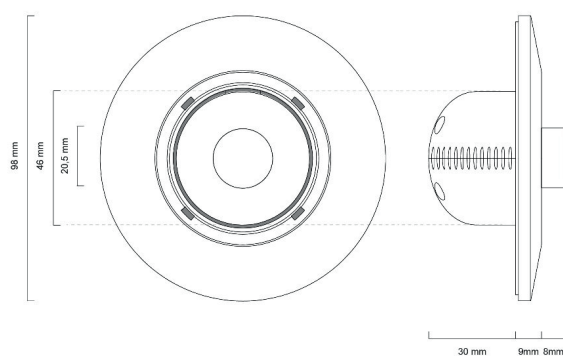
- Addressable
- Measures light intensity in DALI systems.
- The sensor can be manually redirected

INSTALLATION

DCS is designed for installation in suspended ceilings.



DIMENSIONS



TECHNICAL SPECIFICATIONS

General

Power Supply: Via DALI bus line

Nominal current consumption: 3.5 mA

Input/Output: DALI

Measurement range: 0 - 2500 lux

Resolution: 1 lux

Ambient temperature: 0 - 70 °C

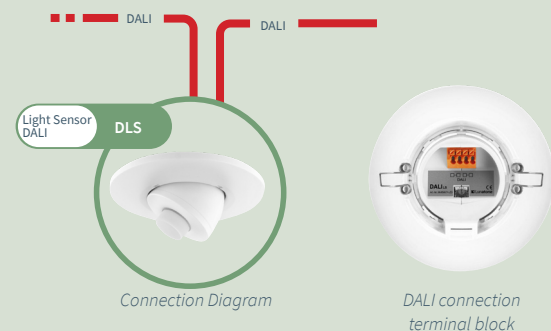
Enclosure rating: IP20

Cable cross-section: 0.5 - 1.5 mm²

Power Supply

Powered via the connected DALI loop.

CONNECTION



PLACEMENT OF THE LIGHT SENSOR

Here are some guidelines for placing the light sensor:

- Light sensors should be placed so that temporary reflections or other artificial light do not hit the sensor unless the light also affects the target surface equally.
- The light sensor should never be placed in the brightest or darkest spot.
- Placement where daylight varies greatly can result in unwanted rapid or frequent light regulation.
- A suitable location in office rooms with windows is often 2/3 into the room in a spot that is not over a desk.
- Light sensors may need to be redirected or moved and possibly recalibrated when lighting conditions change after the final furnishing of the room. Factors such as changing daylight influx and color or material choices can affect the light relationship between the target surface and the reference point at the sensor.

ADDITIONAL PRODUCT DOCUMENTATION

For additional documentation, please refer to the product page for Lighting Control SBDb at www.lindinvent.com

Document	Comment
Installation Instructions	See dimensions and installation here in the product description.
Commissioning Instructions	See commissioning instructions for the SBDb control unit.
Maintenance Instructions	Considered maintenance-free.
External Connection Diagram	See the connection terminal block illustration here in the product description.
Environmental Product Declaration	For assessment at Byggarbeteinspektionen in Sweden.
AMA Text	See the control unit for lighting SBDb.