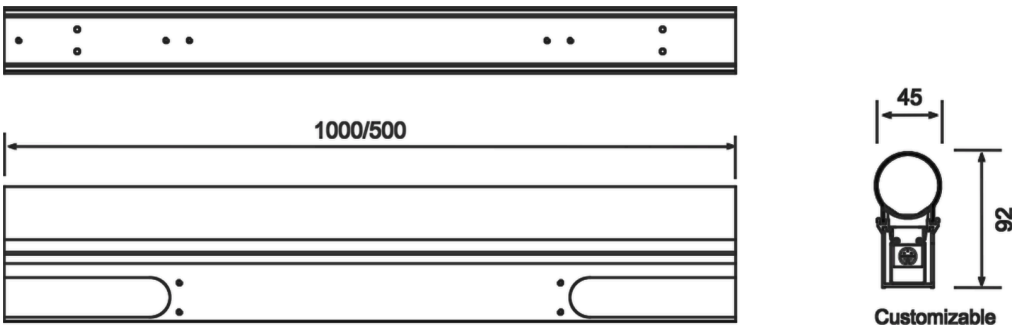
# L25



**Special lighting fixtures for buildings, tunnels, bridges, gardens, squares, etc.**

| IP Rating | IK Rating | Water Depth | Mounting Method | Safety Class | Certification Mark | Environmental Mark | Recyclable Mark |
|---|---|---|---|---|---|---|---|
| IP65 | 08 (5 kg, 10 cm, 5 J) | ABOVE WATER | SURFACE MOUNTED | Class III | CE | RoHS | RECYCLABLE |

## DIMENSIONS




unit: mm

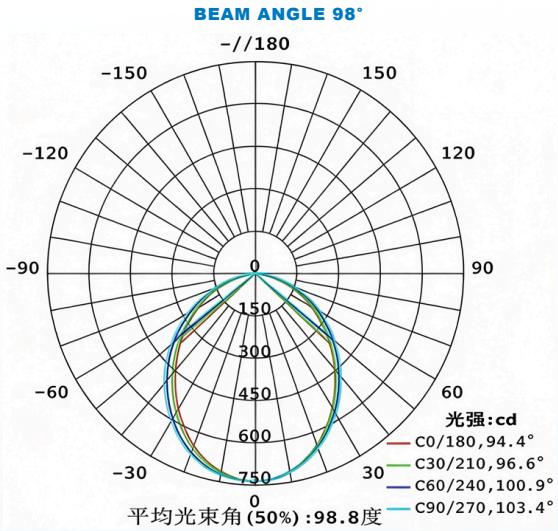
## TECHNICAL DATA

L25

| | | |
|---|---|---|
| **ELECTRICAL** | **ELECTRICAL PARAMETERS** | |
| | **Typical Power** \| Power Consumption | 7.5 W / 15 W |
| | **Input** \| Current | DC24V |
| | **Control Method** \| Control | ON OFF/DMX512 |
| | **Cable Order** \| Wiring | 1 in 1 out |
| | **Security Level** \| Class | Class III |
| **LIGHT SOURCE** | **LED LIGHT SOURCE PARAMETERS** | |
| | **LED Chip Brand** \| Brand | lumileds |
| | **LED Chip Type** \| Type | SMD5050 / SMD3535 |
| | **LED Quantity** \| Qty | 36PCS /72 PCS |
| | **Colour (CCT)** \| Colour | 2200K/2700K/3000K/4000K/6500K/RGBW |
| | **CRI** \| Rendering | Ra ≥ 70/Ra ≥ 80/Ra ≥ 90 |
| | **Typical Light Efficiency** \| Efficacy | >80 lm/W (3000K) · >30 lm/W (RGBW) |
| | **Lifetime** \| Life | 50,000 H |
| **STRUCTURE** | **STRUCTURAL PARAMETERS** | |
| | **Material** \| Housing | Aluminum+PMMA |
| | **Cover** \| Glass | PMMA, |
| | **Beam Angle** \| Angle | 98° |
| | **Product Dimensions** \| Size | See DIMENSIONS drawing |
| | **Weight** \| Mass | 1.3 kg@1M |
| **ENVIRONMENT** | **ENVIRONMENTAL PARAMETERS** | |
| | **Working Temperature** \| Temp | -25°C ~ +45°C |
| | **Storage Humidity** \| Humidity | 0 ~ 90% |
| | **IP Code** \| IP | IP65 |
| | **IK Code** \| IK | IK08 |

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

Beam 98°



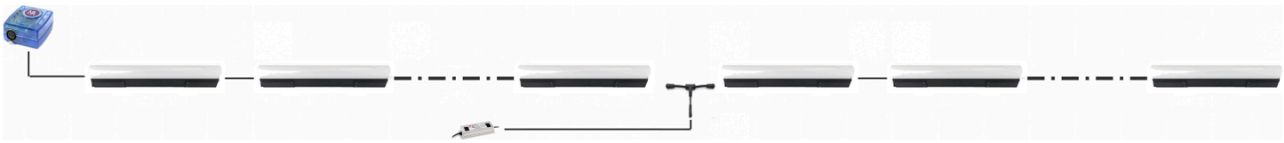
## SYSTEM DIAGRAM

WIRING TOPOLOGY

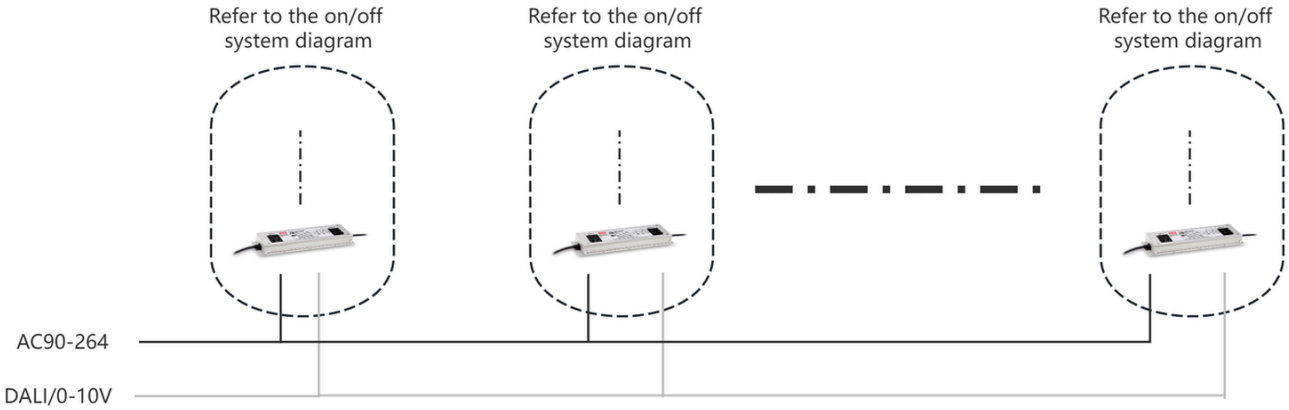
### ON/OFF



### built-in DMX

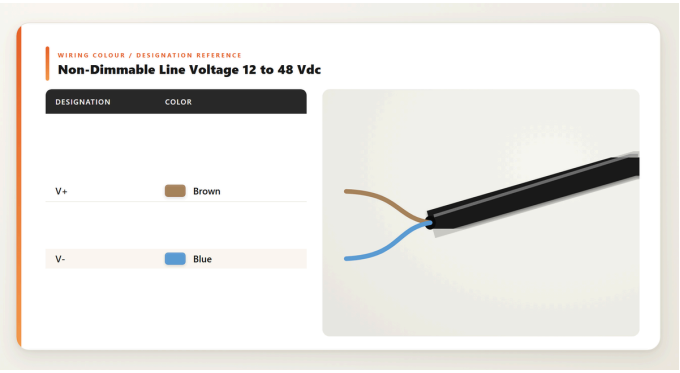


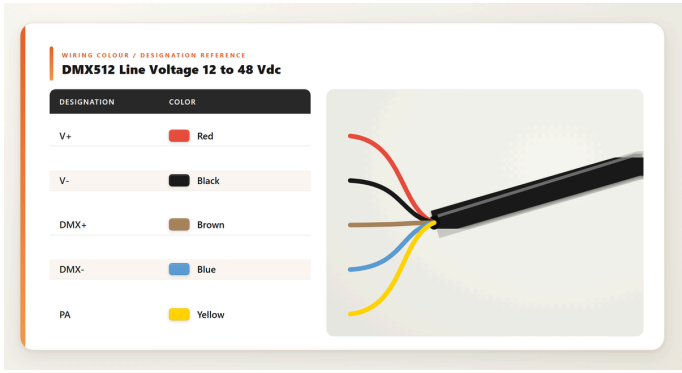
### DALI 0-10V



## WIRE COLOUR DEFINITION

L25




## INSTALLATION & USAGE NOTES

PRECAUTIONS

### OBSERVE THE FOLLOWING PRECAUTIONS WHEN INSTALLING AND OPERATING THE LUMINAIRE

- Installation and wiring must be carried out by a qualified electrician in accordance with local electrical codes and these instructions.
- Operate the luminaire only on the rated low-voltage DC supply (see Technical Parameters); never connect it directly to mains voltage.
- Do not energise the luminaire out of water for extended periods — dry operation may cause overheating and shorten LED life.
- Inspect cables, seals and glands periodically; damaged sheaths or ageing seals must be replaced immediately by qualified personnel.
- Always isolate the power supply before installation, maintenance or lamp replacement; verify the circuit is de-energised before touching any connector.
- All cable entries, glands and junction boxes must be properly sealed to keep the IP68 rating; use only the supplied or approved waterproof connectors.
- Maintain pool / water-feature water chemistry (pH and chlorine levels) within normal ranges to preserve the SUS316 stainless-steel housing and trims.
- Use only genuine LESAN replacement parts; any unauthorised modification voids the warranty.