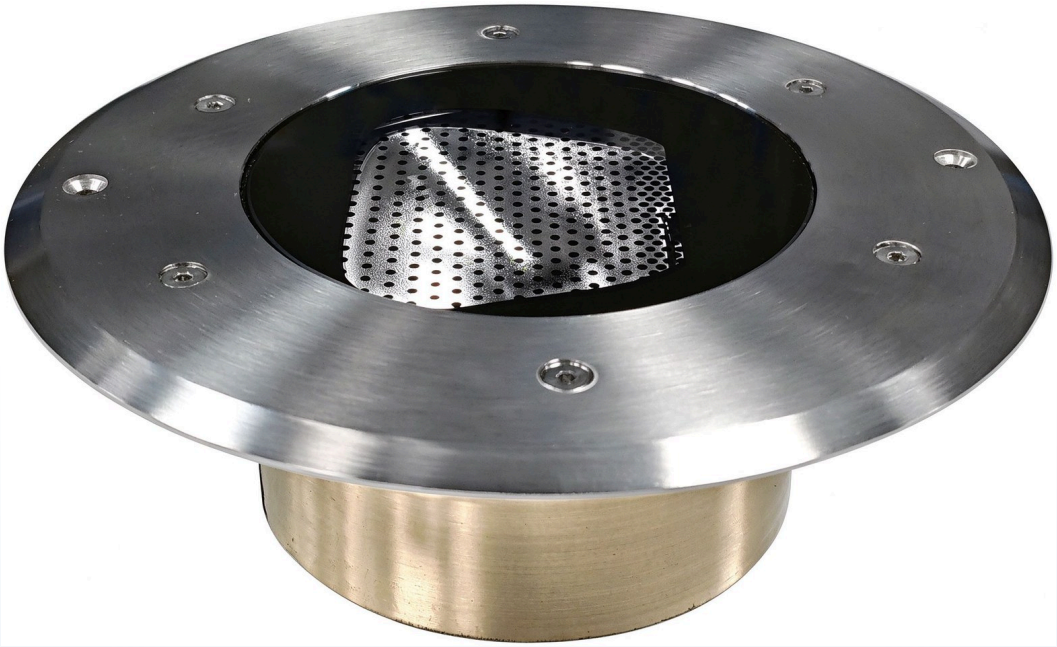
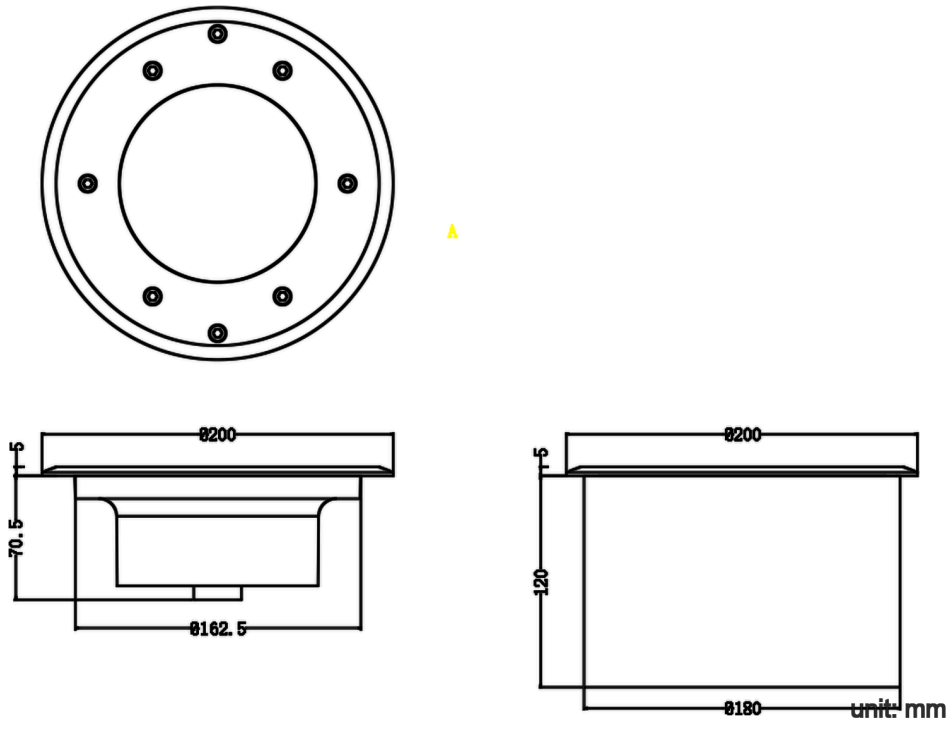
UG009



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
IP67	10 / 5 kg / 40 cm / 20 J	ABOVE WATER	RECESSED MOUNTED	Class III	CE	RoHS	RECYCLABLE

DIMENSIONS



TECHNICAL DATA

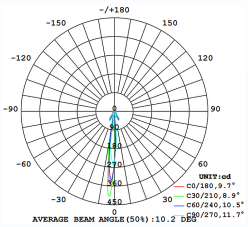
UG009

ELECTRICAL	**ELECTRICAL PARAMETERS**	
	Typical Power | Power Consumption	24 W/36w
	Input | Current	DC24V
	Control Method | Control	ON OFF/DMX512 / DALI / 0-10V
	Cable Order | Wiring	1 in (one in)
	Security Level | Class	Class III
LIGHT SOURCE	**LED LIGHT SOURCE PARAMETERS**	
	LED Chip Brand | Brand	CREE/TX
	LED Chip Type | Type	RJ5050 / TX3535
	LED Quantity | Qty	1PCS
	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	SUS#316+Brass
	Cover | Glass	PMMA, T = 10 mm
	Beam Angle | Angle	15°/24°/36°/60°
	Product Dimensions | Size	See DIMENSIONS drawing
	Weight | Mass	3.55 kg
ENVIRONMENT	**ENVIRONMENTAL PARAMETERS**	
	Working Temperature | Temp	-25°C ~ +45°C
	Storage Humidity | Humidity	0 ~ 90%
	IP Code | IP	IP67
	IK Code | IK	IK10

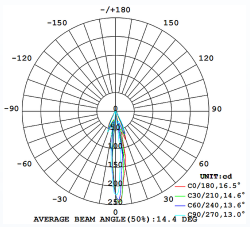
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

Beam 10° / 15° / 25° / 36° / 60°

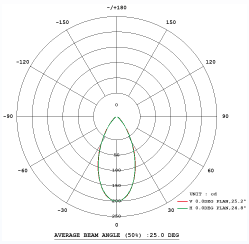
BEAM ANGLE 10°



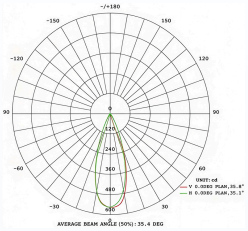
BEAM ANGLE 15°



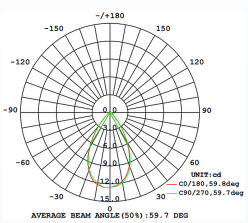
BEAM ANGLE 25°



BEAM ANGLE 36°



BEAM ANGLE 60°



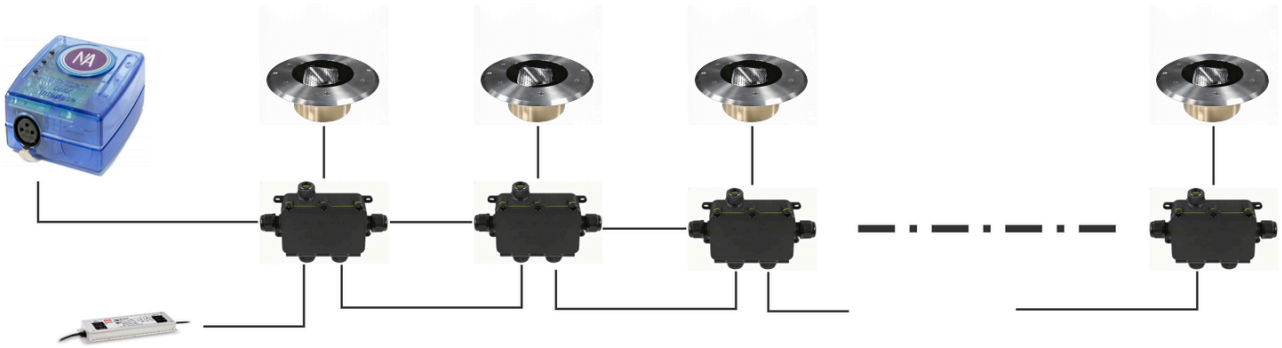
SYSTEM DIAGRAM

WIRING TOPOLOGY

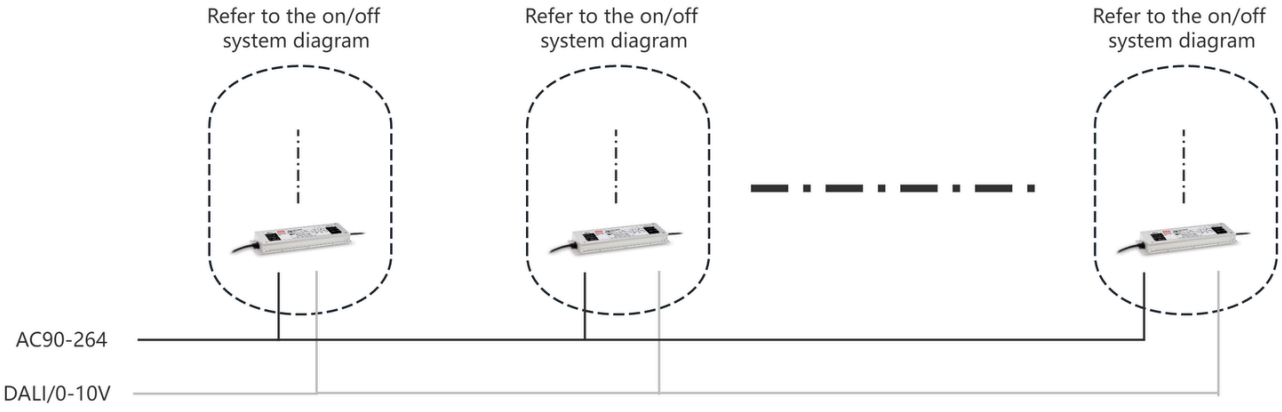
ON/OFF



Built-in DMX

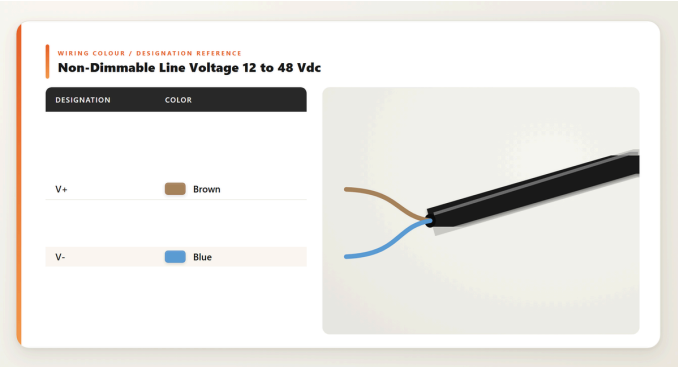


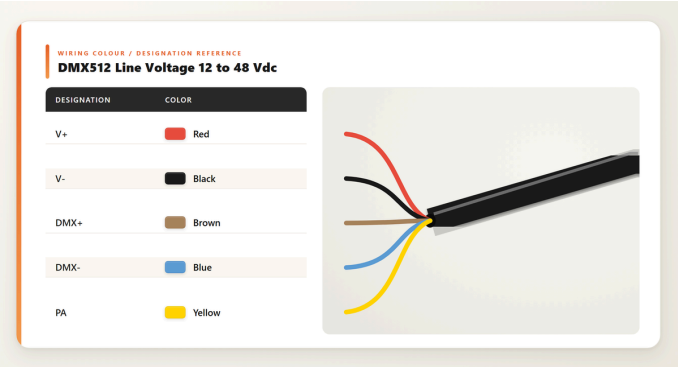
DALI 0-10V



WIRE COLOUR DEFINITION

UG009





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.