



景色AI生成

Landscape lighting fixtures specially used for waterscape fountains

IP68

IP Rating

08
5 kg
10 cm
5 J

IK Rating

max 5m
UNDER WATER

Water Depth

RECESSED MOUNTED

Mounting Method

Class III

Safety Class

CE

Certification Mark

RoHS

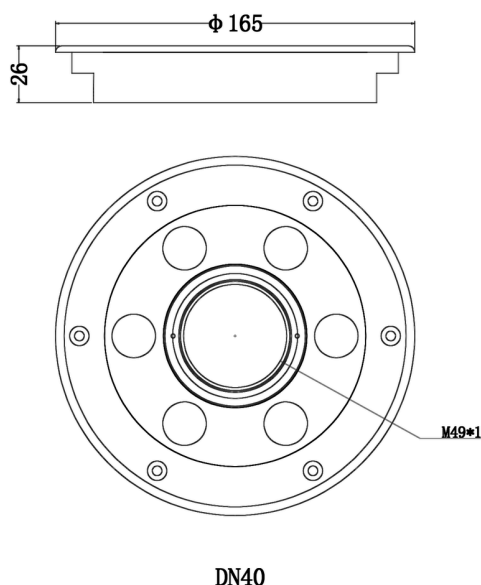
Environmental Mark

RECYCLABLE

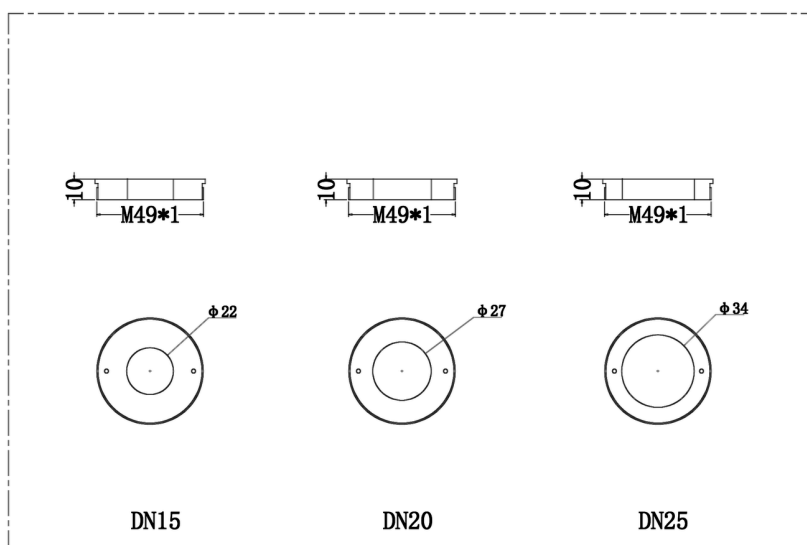
Recyclable Mark

DIMENSIONS

UNIT : MM



Optional accessories



TECHNICAL DATA

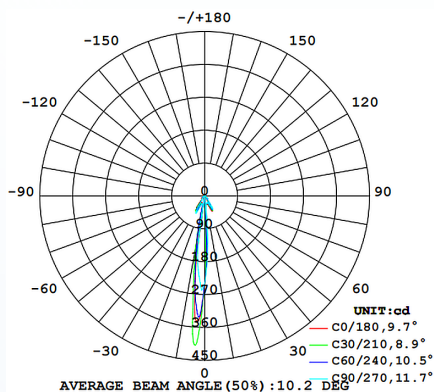
LX-UD-005

ELECTRICAL	ELECTRICAL PARAMETERS	
	Typical Power Power Consumption	9 W / 12 W / 24 W
	Input Current	24V / 350mA / 500mA / 700mA
	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
	LED Chip Type Type	XP-E / XM-L
	LED Quantity Qty	9 PCS / 12 PCS / 6 PCS
	Colour (CCT) Colour	2200K / 2700K / 3000K / 4000K / 6500K / RGBW
	CRI Rendering	Ra ≥ 70 / Ra ≥ 80 / Ra ≥ 90
	Typical Light Efficiency Efficacy	>55 lm/W (3000K) · >65 lm/W (4000K) · >90 lm/W (6500K) · >45 lm/W (RGBW)
	Lifetime Life	50,000 H
STRUCTURE	STRUCTURAL PARAMETERS	
	Material Housing	SUS#316
	Cover Glass	Super-transparency tempered glass, T = 10 mm
	Beam Angle Angle	10° / 20° / 30°
	Product Dimensions Size	Φ165 mm × H43 mm
	Weight Mass	2.14 kg
ENVIRONMENT	ENVIRONMENTAL PARAMETERS	
	Working Temperature Temp	-25°C ~ +45°C
	Storage Humidity Humidity	0 ~ 90%
	IP Code IP	IP68
	IK Code IK	IK08

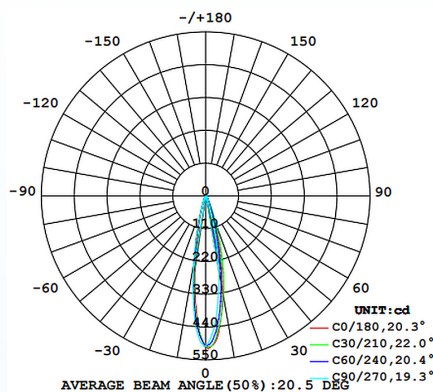
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

Beam 10° / 20° / 30°

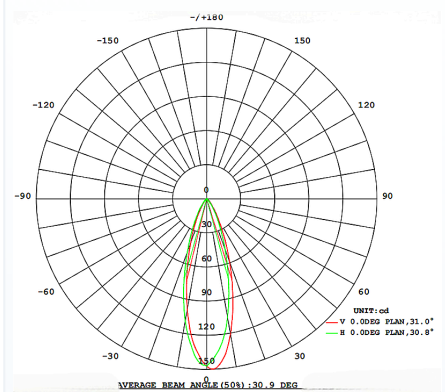
BEAM ANGLE 10°



BEAM ANGLE 20°



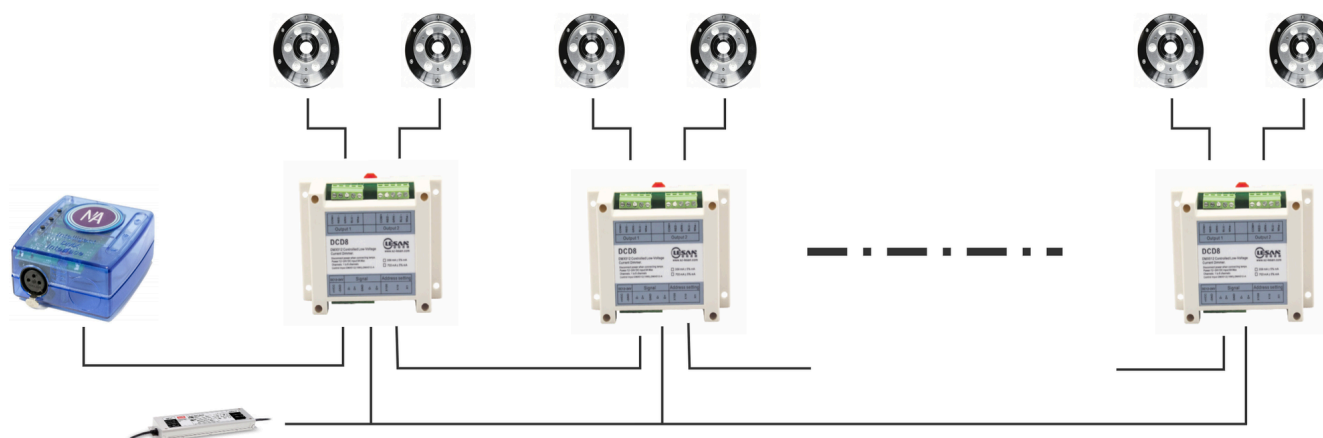
BEAM ANGLE 30°



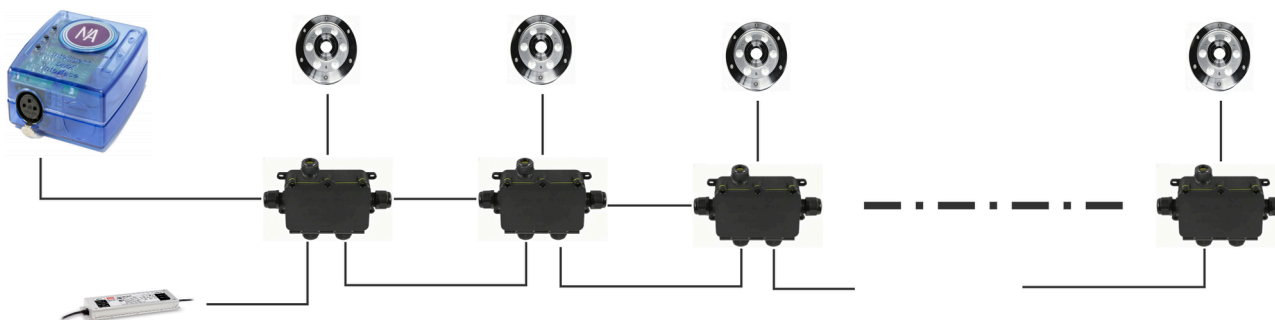
SYSTEM DIAGRAM

WIRING TOPOLOGY

EXTERNAL DMX



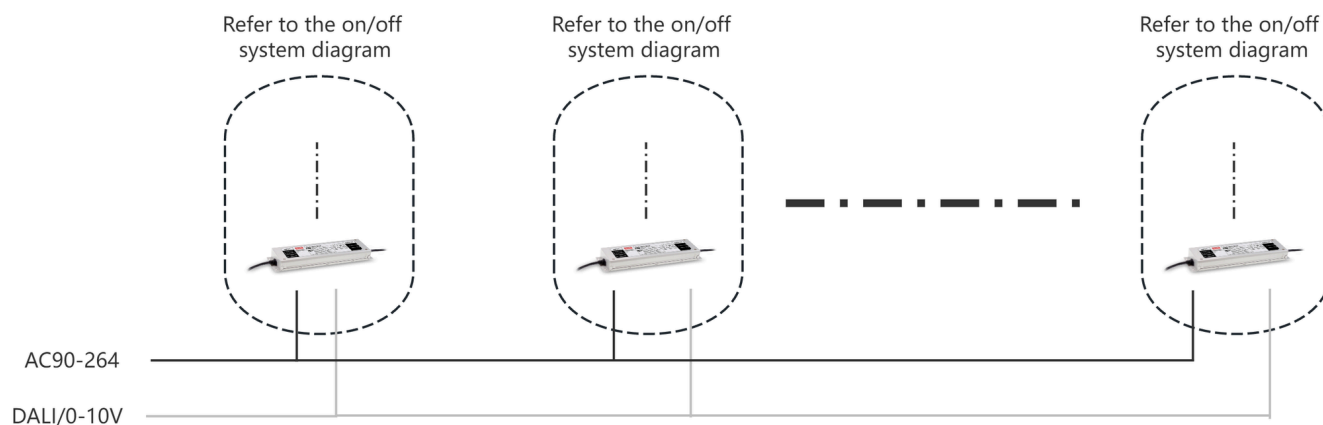
BUILT-IN DMX



ON / OFF



DALI 0-10V

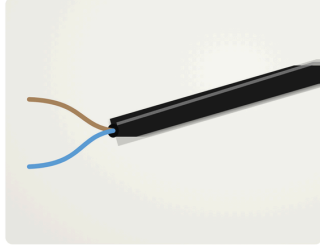


WIRE COLOUR DEFINITION

LX-UD-005

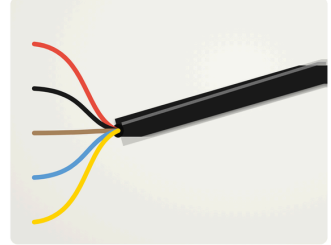
WIRING COLOUR / DESIGNATION REFERENCE Non-Dimmable Line Voltage 12 to 48 Vdc

DESIGNATION	COLOR
V+	Brown
V-	Blue



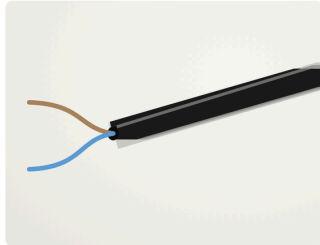
WIRING COLOUR / DESIGNATION REFERENCE DMX512 Line Voltage 12 to 48 Vdc

DESIGNATION	COLOR
V+	Red
V-	Black
DMX+	Brown
DMX-	Blue
PA	Yellow



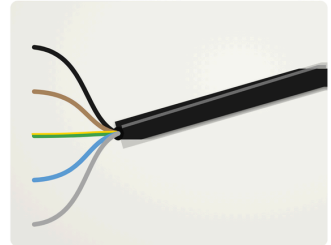
WIRING COLOUR / DESIGNATION REFERENCE monochromatic constant current input line

DESIGNATION	COLOR
Led+	Brown
Led-	Blue



WIRING COLOUR / DESIGNATION REFERENCE RGBW constant current input line

DESIGNATION	COLOR
Led+	Black
R-	Brown
G-	Green/ Yellow
B-	Blue
W-	Grey



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.