



Private molding landscape & architectural lighting



Aluminum
Housing Material



IP66
IP Rating



IK08
IK Rating



DMX512/DALI/0-10V
Control Method



RGBW
LED Colour



2200-6500K
White CCT Range



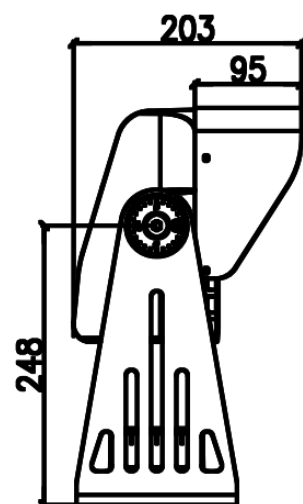
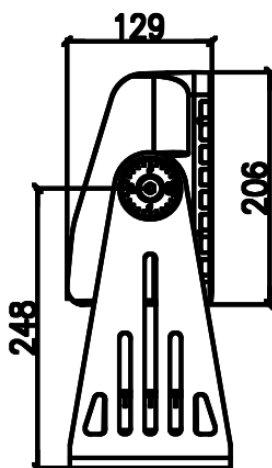
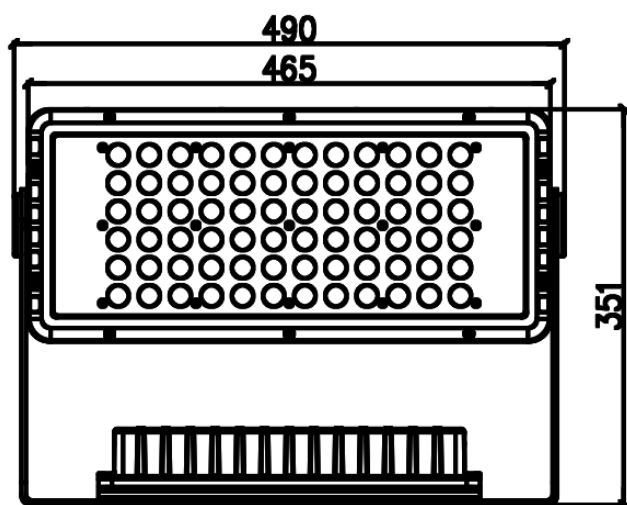
Class I
Safety Class



Max.240W
Max Power

DIMENSIONS

UNIT : MM



TECHNICAL DATA

LX-LNW465P

LX-LNW465P | Spot Lights

Private molding landscape & architectural lighting

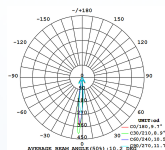
IP66
PROTECTION

ELECTRICAL	ELECTRICAL PARAMETERS	
	Typical Power Power Consumption	Max.240W
	Input Current	AC90~265V
	Control Method Control	ON OFF / DMX512 / DALI / 0-10V
	Cable Order Wiring	1 IN / 2 IN
	Security Level Class	Class I
LIGHT SOURCE	LED LIGHT SOURCE PARAMETERS	
	LED Chip Brand Brand	CREE
	LED Chip Type Type	RJ5050 / XML
	LED Quantity Qty	44 PCS / 72 PCS / 96 PCS
	Colour (CCT) Colour	2200K~6500K / RGBW
	CRI Rendering	Ra ≥ 80
	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	Die-cast aluminum housing
	Cover Glass	Super-transparency tempered glass, T = 3 mm
	Beam Angle Angle	10° / 15° / 20° / 30° / 45° / 60°
	Product Dimensions Size	Refer to the dimension
	Weight Mass	14.2 kg
ENVIRONMENT	ENVIRONMENTAL PARAMETERS	
	Working Temperature Temp	-25°C ~ +45°C
	Storage Humidity Humidity	0 ~ 90%
	IP Code IP	IP66
	IK Code IK	IK08

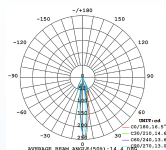
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

Beam 10° / 15° / 20° / 30° / 45° / 60°

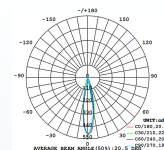
BEAM ANGLE 10°



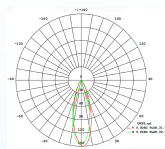
BEAM ANGLE 15°



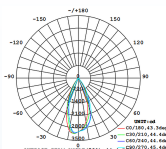
BEAM ANGLE 20°



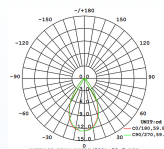
BEAM ANGLE 30°



BEAM ANGLE 45°



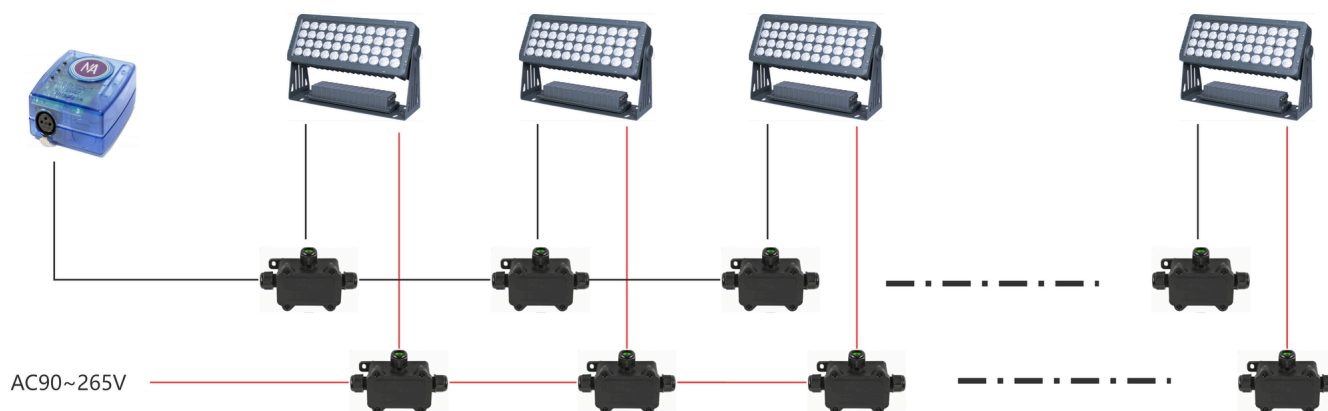
BEAM ANGLE 60°



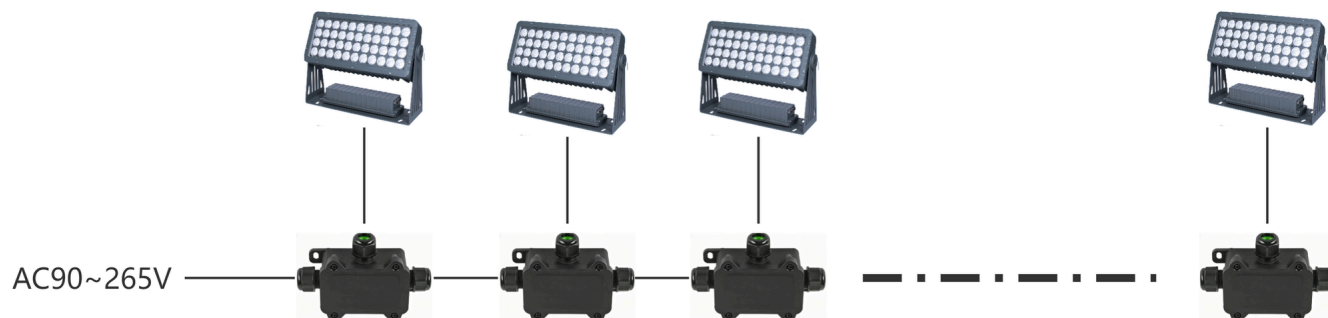
SYSTEM DIAGRAM

WIRING TOPOLOGY

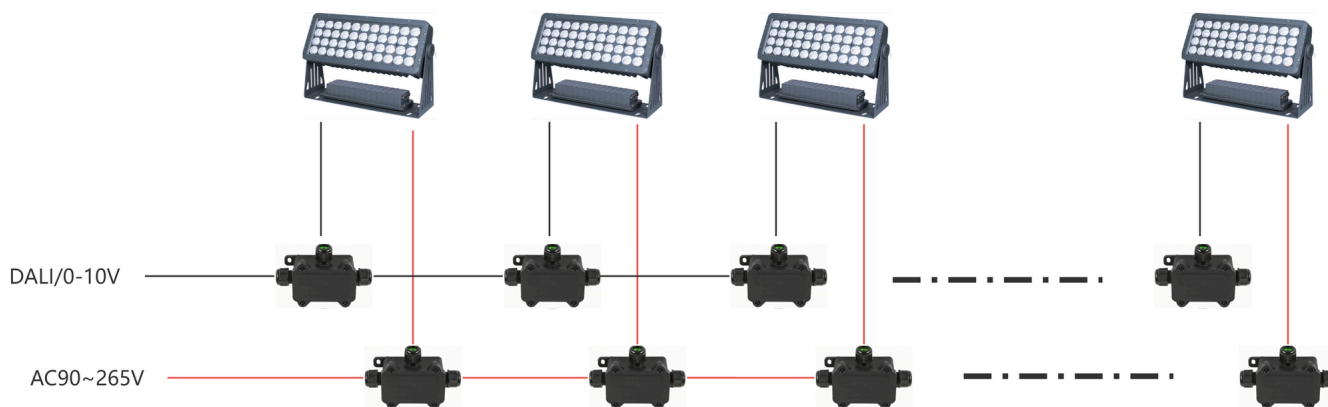
DMX512



ON / OFF

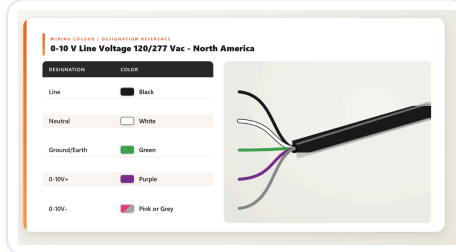
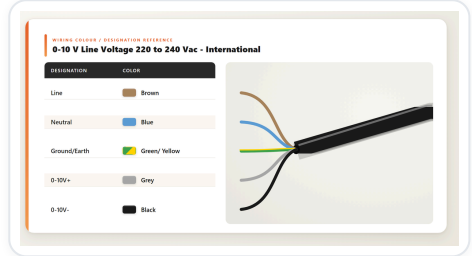
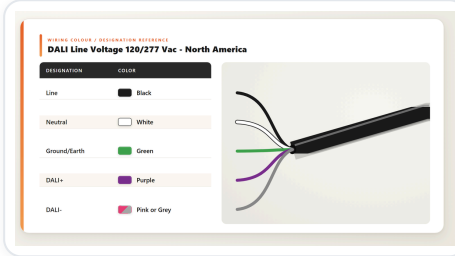
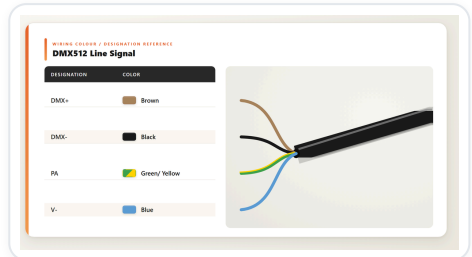
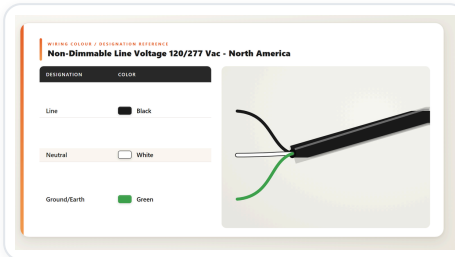


DALI 0-10V



WIRE COLOUR DEFINITION

LX-LNW465P



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 mains supply (AC 90–265 V, see Technical Parameters); the luminaire must be earthed in accordance with Class I requirements.
- All cable entries, glands and junction boxes must be properly sealed to keep the IP66 rating; use only the supplied or approved waterproof connectors.
- Aim the bracket and verify the beam direction and tilt angle before final tightening; re-check the locking bolts after the first weeks of operation.
- Always isolate the power supply before installation, maintenance or lamp replacement; verify the circuit is de-energised before touching any connector.
- Ensure the mounting surface and fixings can safely support the luminaire weight (14.2 kg); use corrosion-resistant fixings for outdoor installations.
- This luminaire is rated IP66 (rain / jet resistant) and is not submersible; do not install it where standing water may reach the housing.
- Inspect cables, seals and glands periodically; damaged sheaths or ageing seals must be replaced immediately by qualified personnel. Use only genuine LESAN replacement parts.