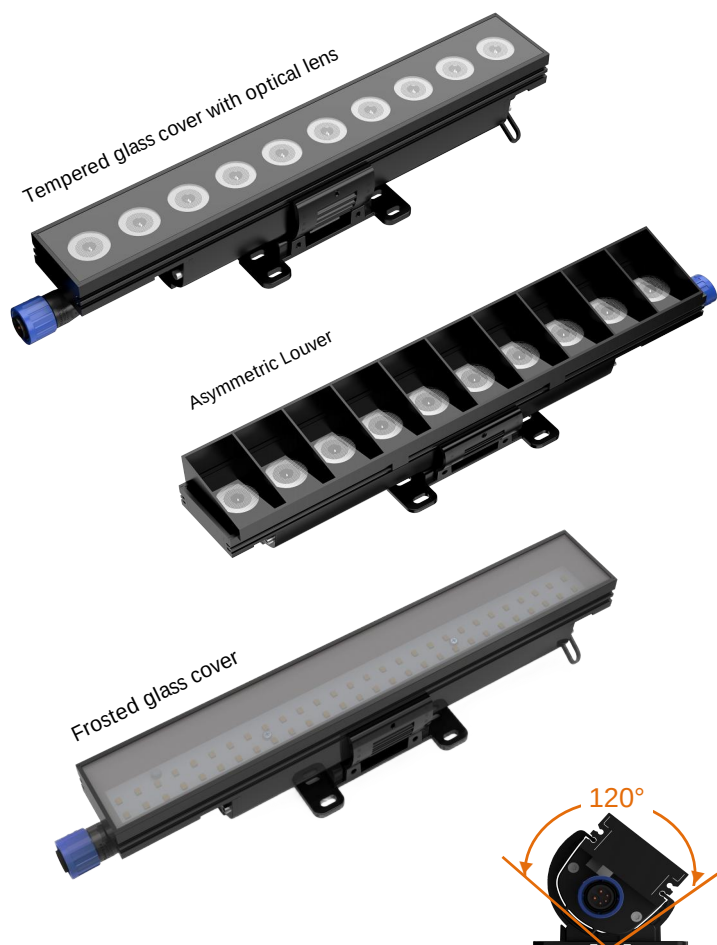


CLEAVER G4 COVE LIGHT

Exterior IP66 G4 Cove Light

WISDOM LIGHT



APPLICATIONS

- Ideal for architectural facades, wall grazing, wall washing, and outdoor accent lighting, leveraging its IP66 rating and adjustable mounting angle for versatile outdoor use.
- Designed for precise illumination in commercial, landscape, and exterior architectural applications.

CONSTRUCTION

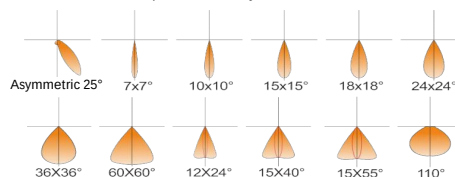
- Housing: Black anodized extruded aluminum housing matched with die-cast mounting brackets, delivering premium texture, and rated IP66 for waterproof performance.
- End Caps: Screwless welded aluminum end caps with powder-coat finish to enhance structural rigidity and corrosion resistance.
- Optical Lens: Tempered glass cover paired with 12 optional beam angle lenses for wider application coverage.

MOUNTING

- Adjustment: Multi-scenario mounting options including wall mount, ceiling mount, and arm bracket wall mount for signage advertising; fixture angle adjustable by $\pm 60^\circ$.
- Connection: Quick self-lock waterproof connector for secure fixture splicing and reliable outdoor installation.
- Positioning Channel (Optional): Aluminum or PC positioning channel for straight and consistent fixture alignment.

OPTICS

- **Source:** 80+ / 90+ CRI LED options with SDCM < 3 color consistency.
- Choose from narrow accent beams ($7^\circ \times 7^\circ$, $10^\circ \times 10^\circ$, $15^\circ \times 15^\circ$, $18^\circ \times 18^\circ$), wide wash beams ($24^\circ \times 24^\circ$, $36^\circ \times 36^\circ$, $60^\circ \times 60^\circ$, 110°), linear and elliptical beam shaping ($12^\circ \times 24^\circ$, $15^\circ \times 40^\circ$, $15^\circ \times 55^\circ$), or a 25° asymmetric distribution for controlled wall illumination.



SYSTEM SPECIFICATIONS

- Modular 1FT (10W) and 4FT (40W) configurations available with 120-277V AC or 24V DC input.
- 0 – 10V (1 – 100%) standard; DMX512, DALI, or TRIAC control optional.

RATINGS & WARRANTY

- Approvals: ETL listed (Wet Locations), IP66, IK08, Im-79/Im-80 compliant.
- Warranty: 5-Year Standard Limited Warranty.

SPECIFICATION

Model	Dimension	Wattage	LED	Beam Angle	CCT	Efficacy	Lumens	Voltage	Dimming	CRI	UGR	SDCM
WL-4COV1FT10WAD1 UV-90-XXXX(XXK)-L	1FT L305xH54xW69mm	10W	LUMISEE	Optical lens: 7×7°,10×10°, 15×15°,18x18°, 24×24°,36x36°, 60x60°,12×24°, 15×40°,15×55°, Asymmetric 25°	Single CCT: 2700K- 3000K- 3500K- 4000K- 5000K	70lm/W (27K-30K) / 80-90lm/W (35K-40K-50K)	700lm(27K-30K) 800-850lm(35K-40K-50K)	AC120- 277V	0-10V (1-100%) (Standard) / DALI (Optional) / TRIAC (Optional)	>90		
WL-4COV4FT40WAD1 UV-90-XXXX(XXK)-L	4FT L1190xH54xW69mm	40W	LUMISEE				2800lm (27K-30K) 3200-3400lm(35K-40K-50K)					
WL-4COV1FT10WAD1 UV-80-XXXX(XXK)-L	1FT L305xH54xW69mm	10W	LUMISEE			95-100lm/W (27K-30K) / 105-110lm/W (35K-40K-50K)	950-1000lm(27K-30K) 1050-1100lm (35K-40K-50K)					
WL-4COV4FT40WAD1 UV-80-XXXX(XXK)-L	4FT L1190×H54xW69mm	40W	LUMISEE	Frosted cover:110°		105-110lm/W (35K-40K-50K)	3800-4000lm(27K-30K) 4200-4400lm(35K-40K-50K)					
WL-4COV1FT10WMDC -90-XXX-RGBW-L	1FT L305xH54xW69mm	10W	LUMISEE	Optical lens: 15°×15°, 24°×24°, 36°×36°, 60°×60°, 15×40°, 15×55°	RGBW: [Red: 620-630nm Green: 520-535nm Blue: 450-475nm White: 380-780nm]	Mix:43lm/W Red:27lm/W Green:80lm/W Blue:21lm/W White:46lm/W	Mix:430-1720lm Red:68-1080lm Green:260-3200lm Blue:202-840lm White:115-1840lm	DC24V	DMX512	>80	≤22	≤3
WL-4COV4FT40WMDC -90-XXX-RGBW-L	4FT L1190xH54xW69mm	40W	LUMISEE									
WL-4COV1FT10WMUV -90-XXX-RGBW-L	1FT L305xH54xW69mm	10W	LUMISEE									
WL-4COV4FT40WMUV -90-XXX-RGBW-L	4FT L1190×H54xW69mm	40W	LUMISEE					AC120- 277V				

Product design and development is an ongoing process at Shenzhen Wisdom Light Co.,Ltd.

CLEAVER G4 COVE LIGHT

Exterior IP66 G4 Cove Light

WISDOM LIGHT

ORDERING INFORMATION

WL-4COV	1FT	10W	A	D1	UV	90	1515	27K	L
Brand & Product	Length	Wattage	Series	Dimming	Voltage	CRI	Beam angle	CCT	LED
Wisdom Light Cleaver G4 Cove Light	1FT 1FT	10W Single watt 10W	A Single CCT, Single Watt	D1 0-10V(1%-100%)	UV 120-277V	90 Ra>90 (Standard)	XXXX=	(XXK)=	L LUMISEE
	4FT 4FT	40W Single watt 40W					0707 7x7° for lens	6060 60x60° for lens	
				DA DALI	DC 24V	80 Ra>80 (Optional)	1010 10x10° for lens	1224 12x24° for lens	27K 2700K,Single CCT
				M DMX512 Control			1515 15x15° for lens	1540 15x40° for lens	30K 3000K,Single CCT
				DW Dim to warm			1818 18x18° for lens	1555 15x55° for lens	35K 3500K,Single CCT
				TR TRIAC			2424 24x24° for lens	Asy Asymmetric 25° for lens	40K 4000K,Single CCT
				Blank None			3636 36x36° for lens		50K 5000K,Single CCT
							110 110° for PC Clear Diffuser	GBW GBW	

ACCESSORIES



| Jumper cable 1FT / 3FT / 12FT

- JUM1FT-G3=1 ft cable, L=305mm (UL/SJT/18AWG)
- JUM3FT-G3=3 ft cable, L=920mm (UL/SJT/18AWG)
- JUM12FT-G3=12 ft cable, L=3660mm (UL/SJT/18AWG)



| AC Cable(Male)

- ACC-G3=AC Cable, L=2FT, (UL/SJOW/18AWG)



| UB4 RGBW Touch Wall Switch

- Built-in Bluetooth 5.0 SIG Mesh & DMX, supports multi-scene & multi-zone lighting control.



| Wi-Fi-RDM LED Controller

- Built-in Bluetooth 5.0 SIG Mesh & DMX, supports multi-scene & multi-zone lighting control.

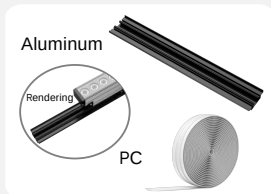


| ASYM= Asymmetric Wall-wash Louver



| WALL MOUNT ARM

- WMC= Metal construction, ±90° free angle adjustment, supports surface mounting, ceiling suspension, and vertical facade installation.



| SPlicing POSITIONING CHANNEL

- SPT1 - Splicing Positioning Channel, Aluminum (4 ft)
- SPT2 - Splicing Positioning Channel, PC (82ft/roll)



| POWER JUNCTION BOX

- UBW=Waterproof cable box with 2 ft cable/Wet location

Product design and development is an ongoing process at Shenzhen Wisdom Light Co.,Ltd.

We reserve the right to change specifications.

2 / 8

FILE NAME: CLEAVER
June , 2026

Tel. +86 755 2221 6523
Email. sales@wisdomled.net
www.wisdomled.com

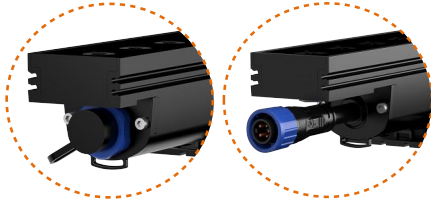
Contact us for the latest product information.

CLEAVER G4 COVE LIGHT

Exterior IP66 G4 Cove Light

WISDOM LIGHT

FEATURES



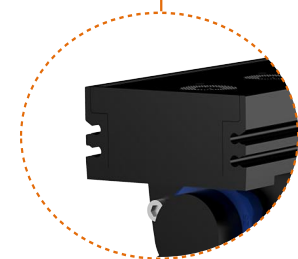
Self-Locking Plug System

- Secure locking mechanism prevents accidental disconnection
- Designed for efficient on-site assembly
- Tool-free quick connection for fast installation



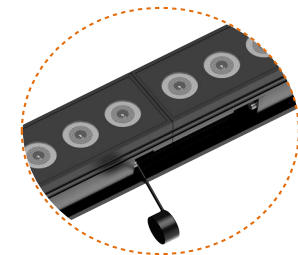
Frosted Tempered Glass Optical Cover

- Architectural-grade frosted tempered glass
- Higher impact resistance than polycarbonate
- Long-term optical stability and clarity
- Softened light output with reduced glare



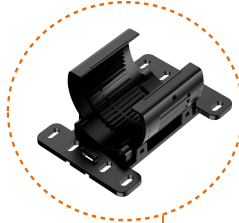
Die-cast power compartment end cap

- Provides robust structural support
- Fully sealed for IP66 protection
- Protects against dust and water ingress
- Designed for demanding outdoor applications



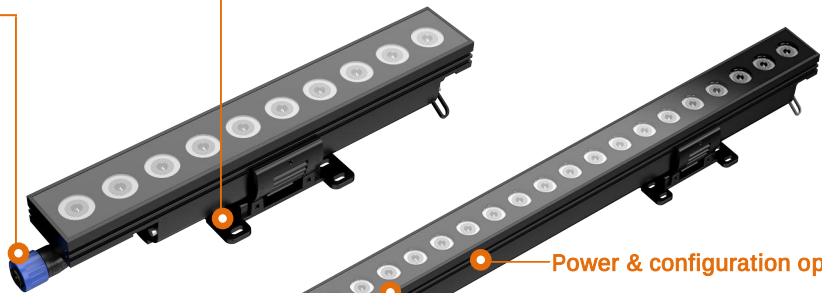
Gapless Connection

- End caps enable precise end-to-end alignment for a clean linear appearance
- External quick connectors ensure secure and reliable electrical interconnection between fixtures
- Optional positioning channel ensures straight and consistent linear alignment during installation



Precision Adjustable Mounting System

- $\pm 60^\circ$ Tilting Range for Precise Aiming
- Infinite field-adjustment to highlight specific architectural features or textures.
- Rugged design built to maintain aiming integrity even in high-vibration environments.



Power & configuration options

Flexible power solutions based on project requirements

- DC 24V external DMX driver system for flexible installation
- AC 120-277V integrated driver system with DMX compatibility (optional, project dependent)
- AC 120-277V integrated constant voltage system (white light version, non-DMX)

Optical System

• Narrow Beam (Accent Lighting)

7x7°/10x10°/15x15°/18x18°

For architectural highlighting and long-distance projection

• Wide Beam (Wall Washing & Ambient)

24x24°/36x36°/60x60°/110°

For uniform wall washing and general illumination

• Linear / Elliptical Beam (Wall Grazing)

12x24°/15x40°/15x55°

For vertical surface grazing with reduced spill light

• Asymmetric Distribution (Advanced Wall Wash)

Engineered beam shaping for smooth vertical coverage
Minimizes glare and improves visual comfort



Optical Louver Options

Selectable louver options for different lighting applications

ASYMMETRIC WALL-WASH LOUVER

- Engineered for directional wall washing
- Delivers uniform vertical surface illumination
- Minimizes light spill and glare
- Optimized for architectural façade applications

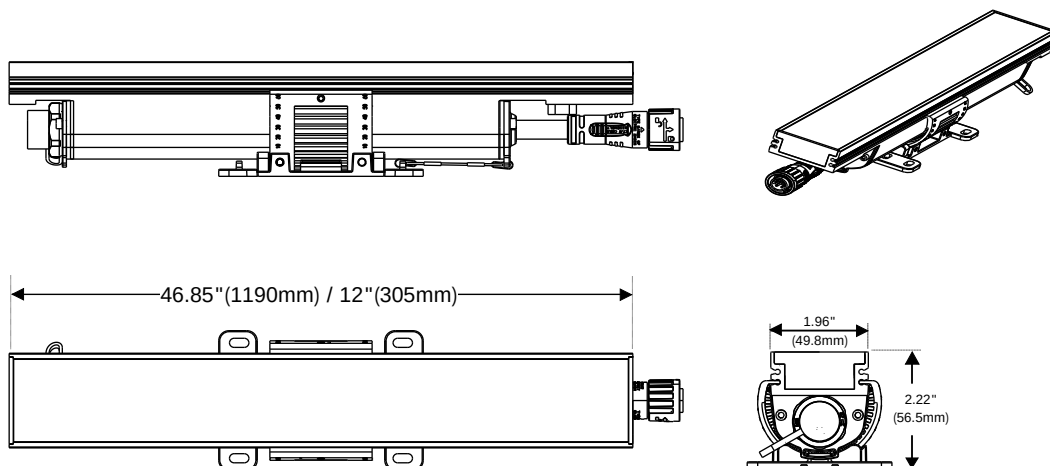
CLEAVER G4 COVE LIGHT

Exterior IP66 G4 Cove Light

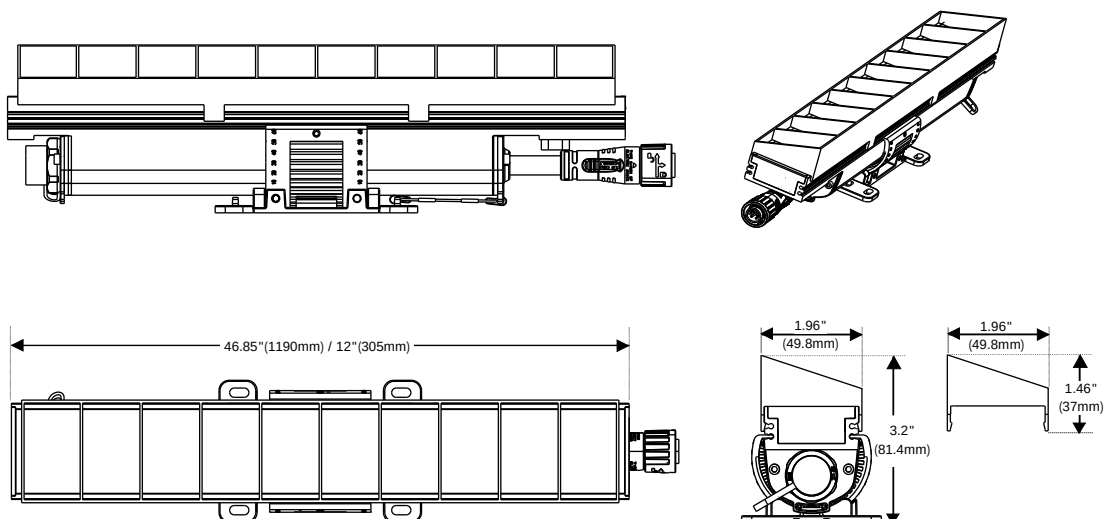
WISDOM LIGHT

DIMENSION

STANDARD UNIT



ASYMMETRIC



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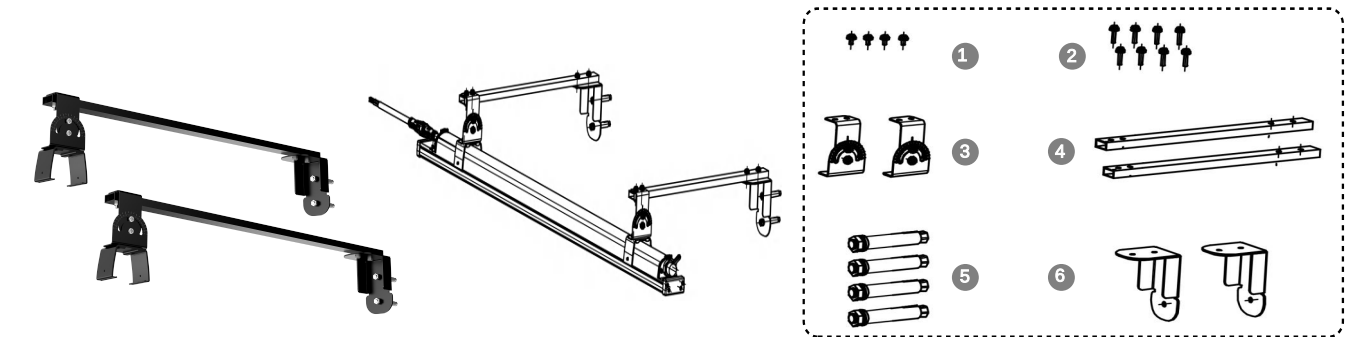
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CLEAVER G4 COVE LIGHT

Exterior IP66 G4 Cove Light

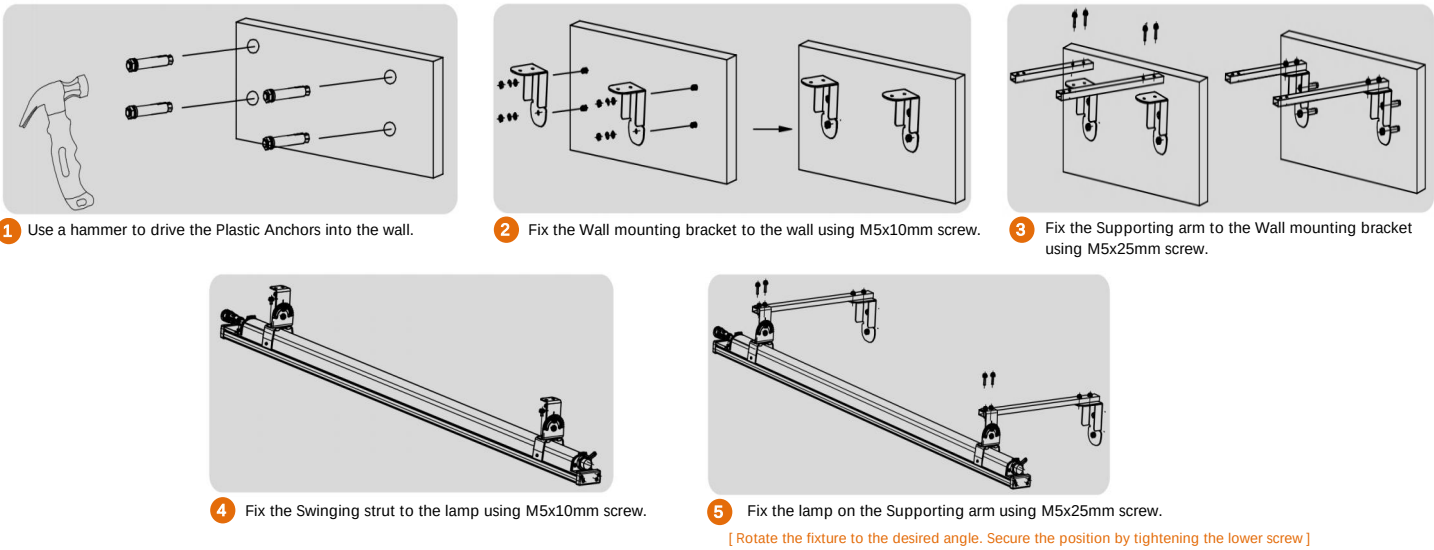


WMA= Wall mount Arm

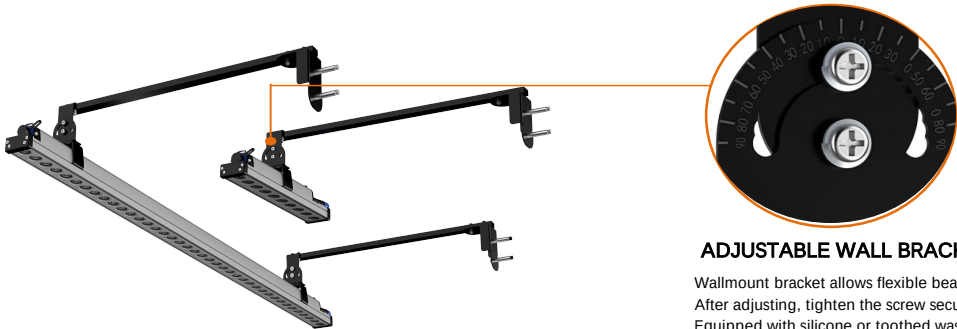


1	M5x10mm screw	4PCS	2	M5x25mm screw	8PCS	3	swinging strut	2PCS
4	Supporting arm	1PCS(1FT) 2PCS(4FT)	5	Plastic Anchor	2PCS(1FT) 4PCS(4FT)	6	Wall mounting bracket	1PCS(1FT) 2PCS(4FT)

Wallmounted installation



1ft & 4ft Installation Views



ADJUSTABLE WALL BRACKET

Wallmount bracket allows flexible beam adjustment up to $\pm 90^\circ$ horizontally.
After adjusting, tighten the screw securely to lock the angle.
Equipped with silicone or toothed washer to prevent slipping or loosening due to wind or vibration.

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CLEAVER G4 COVE LIGHT

Exterior IP66 G4 Cove Light

WISDOM LIGHT

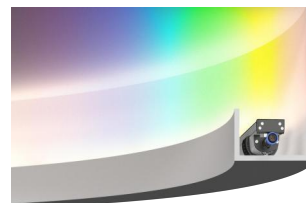
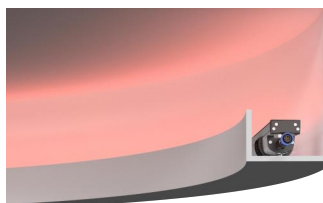
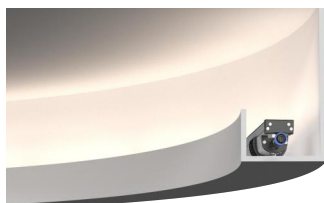
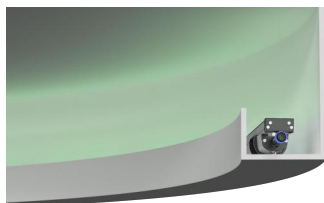
RGBW Lighting Control Solution



Supports RGBW lighting with flexible control options:

Bluetooth Control(UB4) : Wireless and user-friendly with quick preset color modes. Simple to install and ideal for easy scene switching.

DMX Control (WiFi-RDM01) :Professional system offering remote configuration and multi-device management, perfect for precise and synchronized lighting effects.



Optional Accessories

UB4 BLUETOOTH TOUCH PANEL

User-friendly controller for daily lighting operations.



- Allows direct adjustment of light color, brightness, and scene modes via a touchscreen.
- Built-in Bluetooth 5.0 SIG Mesh supports wireless connection and mobile app control.
- Outputs standard DMX512 signal to directly control DMX decoders.

Input Voltage: 12-24V DC Class 2
Wireless: Bluetooth 5.0 SIG Mesh
Output Signal: DMX512
Zones: 4

DMX-RDM Programming Parameters

Programmable Parameters

Parameter	Specification
DMX Address	1-512
Control Resolution	1FT Fixture: 1 Zone / 4FT Fixture: 1 Zone
Bit Resolution	8-bit (Coarse) / 16-bit (Fine)
Device Label	User Defined

Default Parameters

Parameter	Default
DMX Address	1
Bit Resolution	8-bit (Coarse)
Dimming Curve	Log
Device Label	Wisdom Light Fixture

WIFI-RDM DMX CONTROLLER

Configures DMX lighting systems via mobile APP.



- 2.4GHz Wi-Fi connection with mobile APP support
- RDM protocol for remote address and parameter setup
- Compatible with DMX512 and third-party devices
- Firmware can be upgraded remotely

Input Voltage: 5-24V DC
Wireless Type: 2.4GHz Wi-Fi (802.11b/g/n)
Output Signal: DMX512 / RDM

DMX Driver



- Converts DMX signals to constant current to power and control the lights.

Input Voltage: 24V DC (Class 2)
Supports DMX512 Protocol

* DMX driver is available as an optional built-in component and can be pre-installed before shipment.

CLEAVER G4 COVE LIGHT

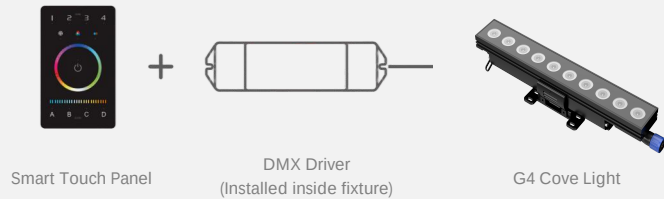
Exterior IP66 G4 Cove Light

WISDOM LIGHT

Connection Schemes

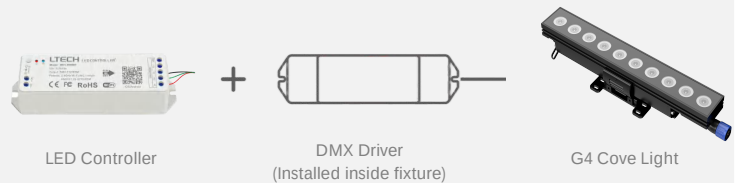
Option A : Wired DMX Control (UB4 + DMX Driver + Light)

- The UB4 touch panel outputs standard DMX512 control signals directly
- DMX signal wiring links the UB4 panel to the DMX driver, then to the linear fixture
- The built-in DMX driver provides constant current power supply for the light fixture
- Real-time adjustment of brightness and RGBW color output via the UB4 touchscreen



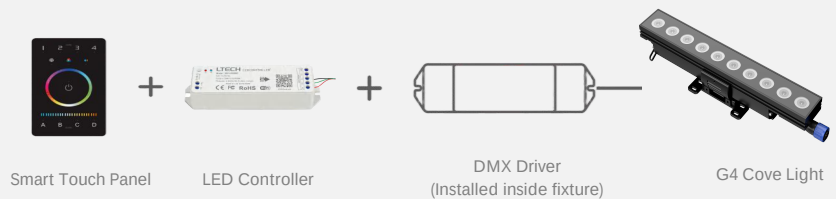
Option B : Wireless DMX Control (WiFi-RDM01 + DMX Driver + Light)

- The WiFi-RDM01 controller transmits DMX512 signals wirelessly over Wi-Fi network.
- The DMX driver receives DMX signals and supplies constant current power to the fixture.
- Dedicated mobile App (compatible with WiFi-RDM01) supports full remote lighting control.



Option C : Hybrid Control (UB4 + WiFi-RDM01 + DMX Driver + Light)

- The UB4 panel wirelessly controls the WiFi-RDM01 controller via Bluetooth Mesh.
- WiFi-RDM01 converts wireless control data into standard wired DMX512 signals.
- The DMX driver receives DMX signals, supplies power and drives the light fixture.



Key Notes

- The UB4 touch panel supports direct dimming, RGBW color tuning and scene recall, while outputting standard DMX512 signals; an external DMX lighting console is not required.
- WiFi-RDM01 is a signal transceiver only, not a power driver. It must be wired to a dedicated DMX driver to achieve power supply and light control.
- The DMX driver converts incoming DMX control signals into regulated constant current to power the fixtures.
- Wireless control functions require a smartphone App, operating over either Bluetooth Mesh or Wi-Fi network.
- DMX signal wiring transmits control signals exclusively and does not carry power. Separate power supply wiring is mandatory.

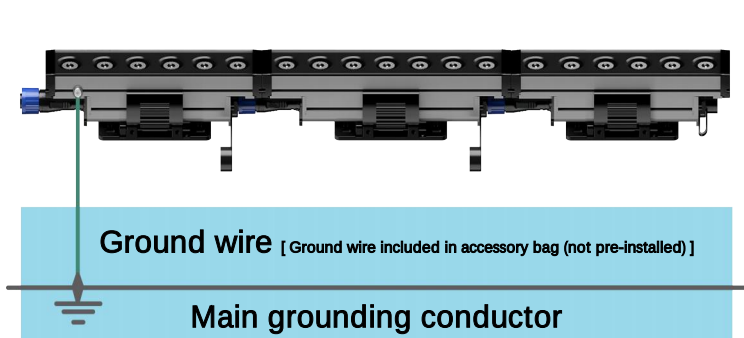
CLEAVER G4 COVE LIGHT

Exterior IP66 G4 Cove Light

WISDOM LIGHT

WIRING INSTRUCTION FOR DAISY-CHAINED FIXTURES

Grounding wires are supplied in the accessory bag. An additional ground connection is required every 3 fixtures for safe operation within wet or corrosive environments, to avoid leakage current buildup and maintain full compliance with electrical safety standards.



Leakage currents from interconnected fixtures can build up



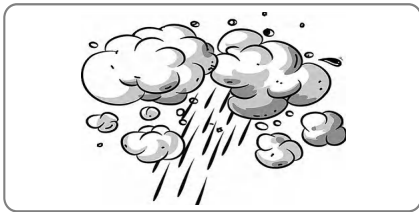
Risk of hazardous touch voltage under fault or damp conditions



Supplementary grounding every 3 fixtures reduces circuit impedance



Particularly critical for wet or conductive mounting surfaces



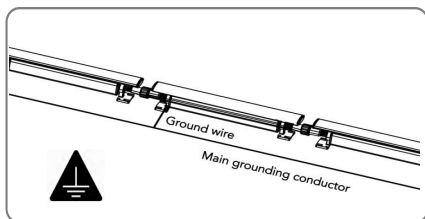
WHY IS GROUNDING CRITICAL IN HARSH ENVIRONMENTS?

- Fixtures are exposed to rain, irrigation water, and de-icing salt runoff.
- Metal housings may accumulate water and become conductive.
- Moisture lowers human body resistance significantly.
- Supplementary grounding creates a low-resistance return path for leakage current.
- This prevents hazardous voltage on exposed metal parts.



WHY IS GROUNDING NEEDED?

- Tiny leakage currents from each light can add up.
- Long continuous ground wiring creates higher resistance and elevated touch voltage.
- Damp conditions increase the risk of electric shock to users.
- A low-resistance grounding path limits hazardous touch voltage.
- Without proper grounding, protective devices may not trip.
- Mandated by global electrical safety standards.



HOW DOES EXTRA GROUNDING HELP?

- Adding one supplementary ground every 3 fixtures restricts leakage current buildup
- Shorter return conduction paths lower residual voltage on the fixture housing
- Ground redundancy ensures a single faulty ground wire will not disable the full circuit safety system.
- Protects against wire damage or loose connections.
- Also helps reduce EMI in complex wiring systems.

**** All ground connections shall be correctly fitted and tested in accordance with international electrical standards and the manufacturer's installation instructions. This is a mandatory safety requirement to guarantee reliable fixture operation and safeguard personnel and equipment from electrical hazards.**