IKIO
LED LIGHTING

LED wallpacks

Highly Efficient **Outdoor Wall Lighting** To Cover All Your Bases!

LED

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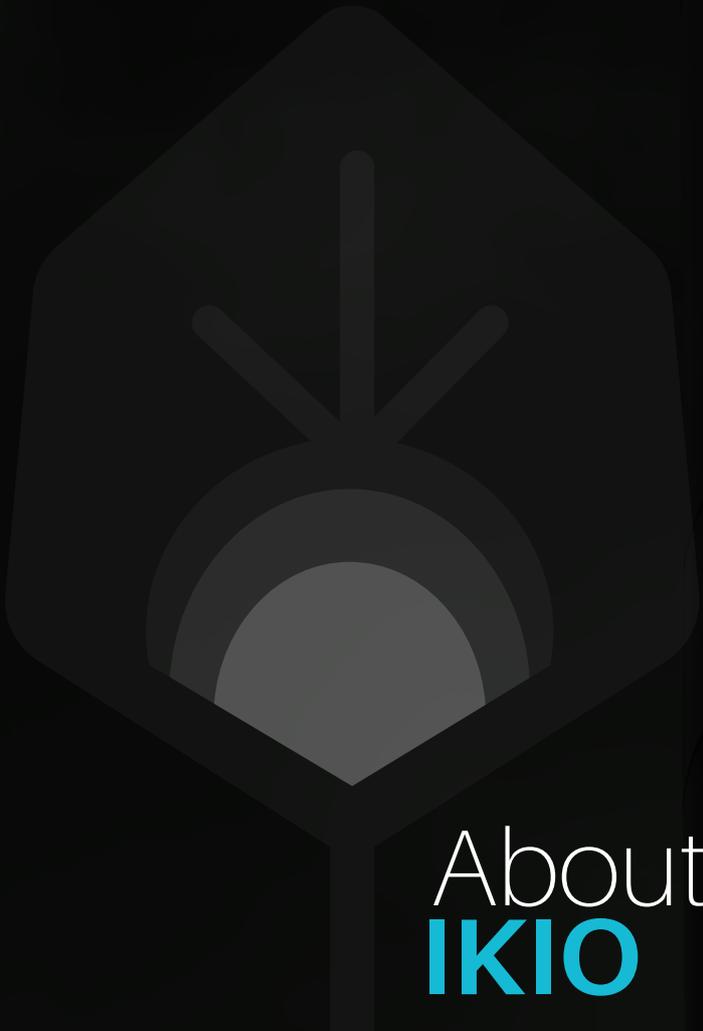
About
IKIO

IKIO is one of the fastest growing LED lighting brands that has built a successful track record of being a reliable and trusted LED lighting partner. We at IKIO combine innovative ideas, expertise & advanced technology to create cutting-edge lighting solutions that are changing the landscape of the industry. Moreover, we are ideally positioned to offer the right solutions for all your lighting requirements because of our holistic approach and vertically integrated infrastructure.

Holds a successful track record of being a trusted and reliable LED lighting partner.

Strives to deliver maximum value to our customers.

Consistently focuses on R&D and operational excellence.

Is a one-stop destination for all your LED lighting requirements.

IKIO's Range Of **LED Wall Packs:**
Perfect For **Retrofits & New Constructions**

Switching to LED wall packs can up your client's energy savings by about 80%. It is a win-win for both you and them, as you won't be called in for maintenance for at least 100,000 hours. Another great benefit of having wall packs installed in a building is increased safety, as such fixtures are ideal for places needing a security boost.

IKIO wall pack lights are one of the most energy-efficient lighting options in the market for wall-mounted security areas, building facades, perimeter lighting, and walkways. They are not only easy to install, but also eliminate the need for frequent bulb and ballast replacements — a recurring phenomenon with wall packs containing metal halide and high-pressure sodium bulbs. These wall packs can easily replace traditional HID Wall Packs without requiring the hassle of a complete overhaul.

Why Are **We Unique?**

IKIO's wall pack lights are high-performing luminaires that stand out for their sturdy construction, exceptional light output and multiple design options. We offer a range of wall pack lights – full cutoff, semi cutoff, directional with CCT & power selectable option– that deliver efficiently depending upon their places of application. Additionally, the rugged housing of this luminaire offers advanced thermal management & protection against outdoor environments without compromising its aesthetics.

High Energy Cost
Savings (Up To 80%)

Exceptional & Even
Light Output

Easy-To-Install
Retrofits For HIDs

Rugged Construction
(Sealed Die-Cast Profile)

Corrosion & Moisture
Resistant (IP65 Rated)

Delivers In
Low Temperature

Delphi
Wall Pack
Full Cutoff

CCT & Power Selectable

Electrical

Power	40 W-60 W-80 W-100 W
Voltage	120-347 V
Power Factor	0.967

Lighting Performance

Lumens	5600 lm-8400 lm-11200 lm-14000 lm
Efficacy	123.21 lm/W
Color Temperature (CCT)	3000 K-4000 K-5000 K
Color Rendering (CRI)	72.8
Beam Angle	0-90°
Dimmable Lighting Control	0-10 V Dimming

Environment

Operating Temperature	-20 ºF ~ +140 ºF
Suitable Location	**WET**
Ingress Protection Rating (IP)	IP65

Lifespan

Average Life (Hours)	100,000
Warranty (Years)	**10**

Construction

Housing	Die Cast Aluminum
Lens	Clear
Base / Power Supply	Hard Wired
Finish	Black / Bronze Customize (Optional)

Application Areas

Building facades, commercial spaces, industrial areas, retail & hospitality buildings that demand long service life and low maintenance.

Qualifications and Certifications

Qualified Part Number	**IK-WP10**

DLC LISTED   c ETL us   RoHS 2002/95/EC

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/ QPL to confirm which versions are qualified.

*Specifications, Warranty, and Qualifications can vary per item/SKU.
See technical data sheets (TDS) for specific information.

Dimensions (Inches)

Length	11.04"
Height	7.22"
Width	9.21"

11.04"   9.21"   7.22"

Installation Instructions

Important Safeguards

WARNING: TURN OFF POWER BEFORE CONNECTING WIRES. Black wire connect to L, White wire connect to N, Green wire connect to GROUND.

For 0-10 V dimming, the wiring direction as below:

1. Turn off the power.
2. Connect the BLACK wire with the LINE.
3. Connect the WHITE wire with the COMMON.
4. Connect the GREEN wire with the GROUND.
   Caution: DO NOT connect the GRAY (-)DIM V- wire with GROUND.
5. Connect the PURPLE wire with the (V+) DIM.
6. Connect the GRAY wire with the (V—) DIM.

⚠ **WARNING:** DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

Installation:

Tools: Head screw driver and electrical wiring tools.

The fixture must be mounted on the wall with lens facing down as shown in the picture.

Lag Bolt Location

Lag Bolt Location Mounting Holes
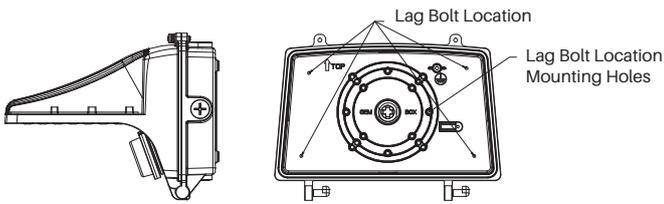
1. Unscrew door with Philips screwdriver by loosening (2) screws. Confirm junction box size and junction box mounting provisions to that of the light fixture.
2. Attach the light fixture to the junction box or mounting surface.
3. Attach the appropriate wires to the light fixture wires, green to green, black to black and white to white. Secure each wire pair with a wire nut. (Wiring instruction FYI.)
4. Close the door and tighten(2) screws on the door lens. Nothing should be trapped in the gasket sealing area when the door is closed.

(2) screws

HOUSE

DOOR LENS
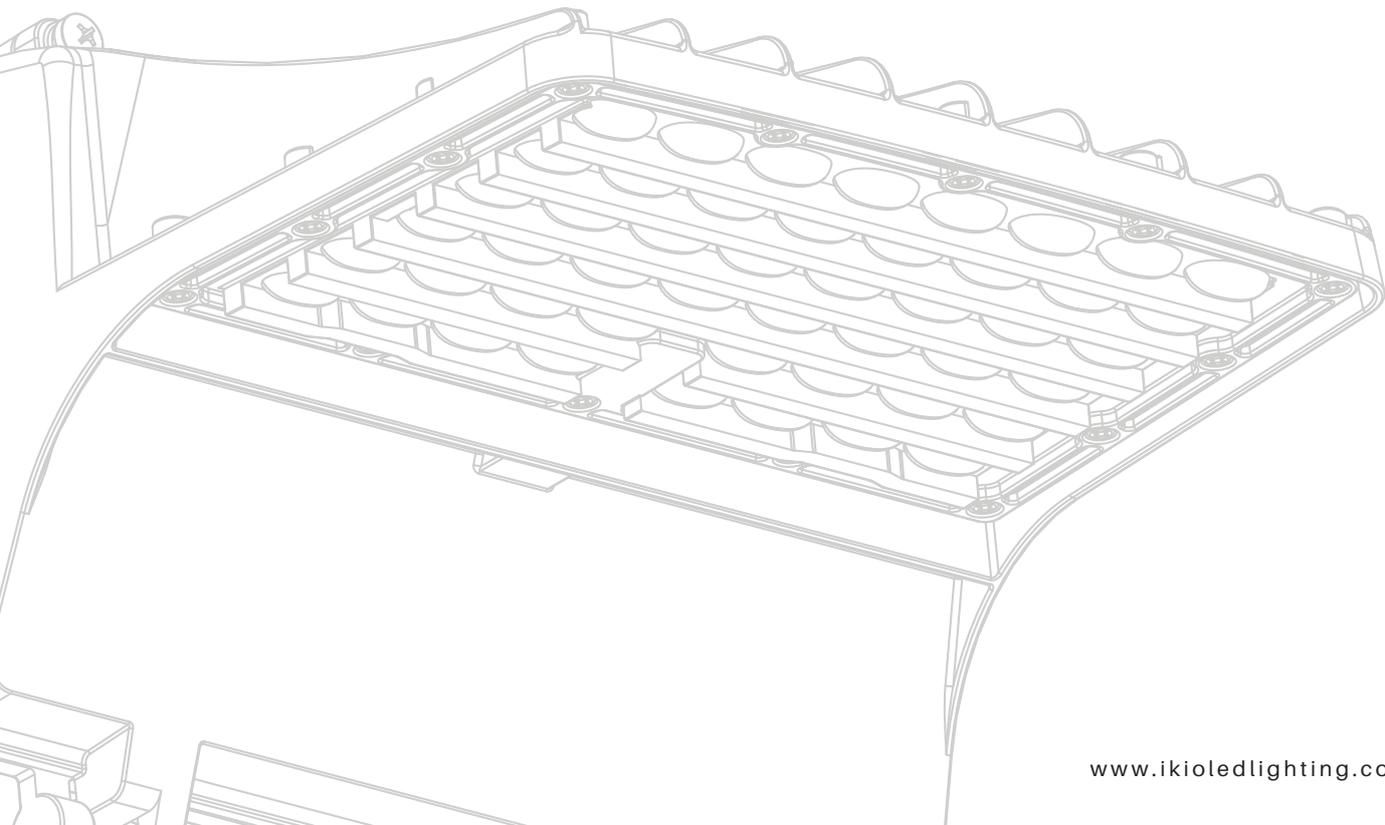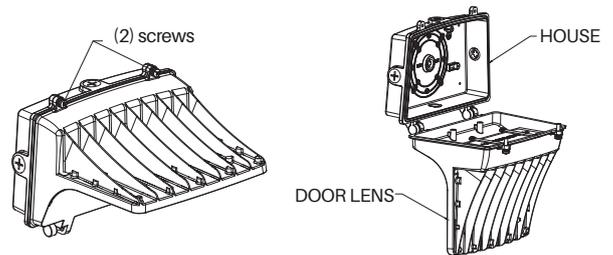
Delphi
Wall Pack
Semi Cutoff

CCT & Power Selectable

Electrical

Power	**(Variant 1)** 30 W-42 W-50 W **(Variant 2)** 75 W-100 W-120 W
Voltage	120-277 V
Power Factor	0.96

Lighting Performance

Lumens	**(Variant 1)** 3935.1 lm-5509.14 lm-6558.5 lm **(Variant 2)** 9489 lm-12652 lm-15182.4 lm
Efficacy	131.17 lm/W - 126.52 lm/W
Color Temperature (CCT)	3000 K-4000 K-5000 K
Color Rendering (CRI)	70
Beam Angle	360°
Dimmable Lighting Control	0-10 V Dimming

Environment

Operating Temperature	-13 ºF ~ +125 ºF
Suitable Location	**WET**
Ingress Protection Rating (IP)	IP65

Lifespan

Average Life (Hours)	100,000
Warranty (Years)	**10**

Dimensions (Inches)

Length	14.25"
Width	7.56"
Height	9.36"

Construction

Housing	Die Cast Aluminum
Diffuser	Glass
Base / Power Supply	Hard Wire
Finish	Bronze

Application Areas

Building facades, commercial spaces, industrial areas, retail & hospitality buildings that demand long service life and low maintenance.

Qualifications and Certifications

Qualified Part Number	**IK-WPB03M**

DLC LISTED   ETL   c UL us LISTED   RoHS 2002/95/EC

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∗Specifications, Warranty, and Qualifications can vary per item/SKU. See technical data sheets (TDS) for specific information.

14.25"   7.56"   9.36"

Installation Instructions

Important Safeguards

PLEASE READ THE INSTRUCTIONS BEFORE YOU INSTALL AND USE THE LUMINAIRE.
• To prevent personal injury or product damage, only licensed electricians should install.
• To avoid electric shock or component damage, disconnect power before attempting installation or servicing.
• This product must be installed in accordance with the national electric code (NEC) and all applicable federal, state and local electric codes and safety standards.
• Disconnect product and allow cooling prior to servicing.
• Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
• To prevent product malfunction and/or electrical shock, this product must be properly grounded.
• This luminaire is designed to operate in ambient temperatures ranging from -30 °C to 40 °C and to be horizontally mounted with the LEDs facing down.
• No user serviceable parts inside.
• Wall mount only.
• Suitable for wet locations.

⚠ **WARNING:** DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

Mounting

The back plate has a cast-in drill and knock-out template to match any standard recessed junction box, three 5/16"
knockouts for mounting holes (B) and four 1/2"NPS tapped holes (A) for surface conduit, photo control.
A - 1/ 2" NPS tapped holes
B - 5/16" dia. knockouts
C - knockout for #10 screw

LOCATION: Fixture should be located on a wall at least 18'' below any overhang or other structural
detail. Fixture should not be recessed. The fixture should be mounted in the horizontal position.
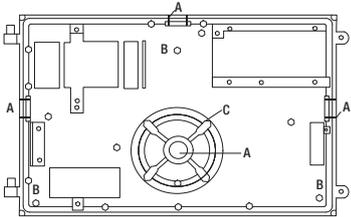
Fig 1

Installation

1. Open the lens assembly.
2. Prepare the back plate for mounting by drilling or knocking out the appropriate holes. (Fig 1)
3. Line up the back plate in desired location and mount securely. (Two gaskets provided for weather-tight seal between template and junction box.)
4. Complete the wiring to the power source and ground. (Fig 2)Universal voltage driver permits operation at 100 V to 277 V AC, 50 or 60 Hz except fixtures factory ordered with a 120 V photocell (/PC).
1. Connect the black fixture line to the (L) Live line supply wire.
2. Connect the white fixture line to the (N) Neutral line supply wire.
3. Connect the green fixture line to the (G) Ground line supply wire.
5. Reassemble the lens set.
6. Coat with glass glue on the edge of the bottom shell.

Wire Connection

Black	Live
White	Neutral
Green	Ground
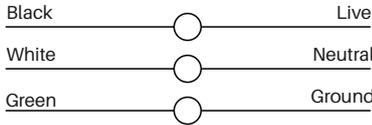
Fig 2
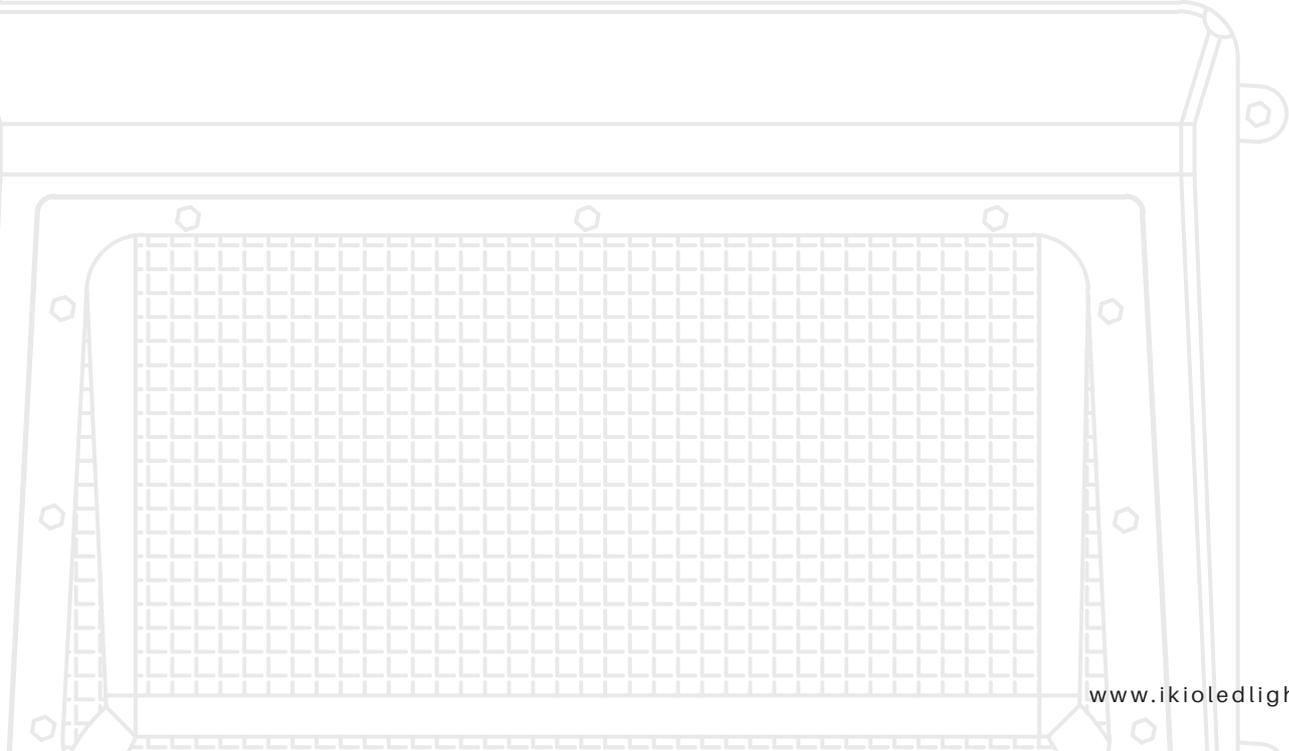
Delphi
Mini Wall Pack
Directional

CCT & Power Selectable

Electrical

Power	15 W-20 W-25 W
Voltage	120-277 V
Power Factor	>0.9

Lighting Performance

Lumens	1800 lm-2400 lm-3000 lm
Efficacy	120 lm/W
Color Temperature (CCT)	3000 K-4000 K-5000 K
Color Rendering (CRI)	>80
Beam Angle	112.3°
Dimmable Lighting Control	0-10 V Dimming

Environment

Operating Temperature	-40 ℉ ~ +125 ℉
Suitable Location	**WET**
Ingress Protection Rating (IP)	IP65

Lifespan

Average Life (Hours)	50,000
Warranty (Years)	**5** (+5 Years Extended Warranty Option Available)

Construction

Housing	Aluminum
Cover Material / Lens	Polycarbonate
Finish	Bronze

Application Areas

Security Areas, Entryways, Walkways, Stairways, Perimeter Lighting, Building Exteriors

∗Specifications, Warranty, and Qualifications can vary per item/SKU.
See technical data sheets (TDS) for specific information.

Dimensions (Inches)

Length	5.9"
Width	2.5"
Height	8.7"

5.9"   2.5"

8.7"
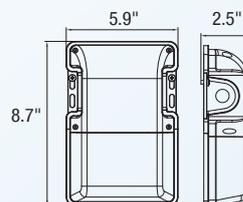
Installation Instructions

Important Safeguards

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION
- To prevent personal injury or product damage only licensed electricians should install.
- To avoid electric shock or component damage disconnect power before attempting installation or servicing.
- Disconnect product and allow cooling prior to servicing.
- Any alteration or modification of this product is forbidden as it may cause personal injury, death, property damage and/or product malfunction.
- To prevent product malfunction and/or electrical shock this product must be properly grounded.
- This luminaire is designed to operate in ambient temperatures ranging from -40°C to 45°C (-40°F to 113°F).
- Min 90 °C supply conductors.
- Consult a qualified electrician to ensure correct branch circuit conductor.

⚠ **WARNING:** DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

Method A

1. Fix the MWP fixture on the wall through the side ear holes with 2xM4 screws (not provided). (Fig 1)
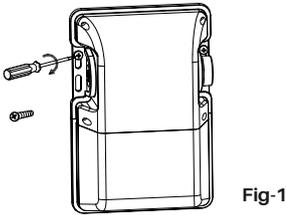
2. Connect the wires as shown below. (Fig 2 & 3)
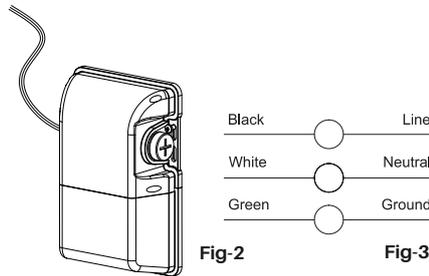
3. Unscrew the cap to select desired CCT / Wattage / Photosensor function, and then cap back. (Fig 4)

Fig-1

Black	Line
White	Neutral
Green	Ground

Fig-2   **Fig-3**

Fig-4
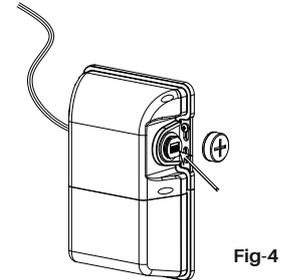
Method B

1. Unscrew the 4xM3 screws on the MWP front cover (driver box). (Fig 1)
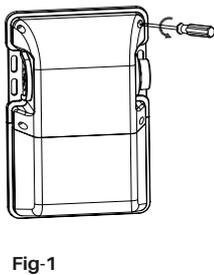
2. Unplug the male and female connector, then remove the driver box. (Fig 2)
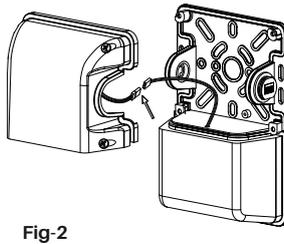
3. Drill holes on the MWP base according to the preserved junction box or mounting position on the wall. Fix the MWP fixture and then connect the wires as shown below. (Fig 3 & 4)

Fig-1

Fig-2

L(Black)
N(White)
G(Green)

Black	Line
White	Neutral
Green	Ground

Fig-3   **Fig-4**
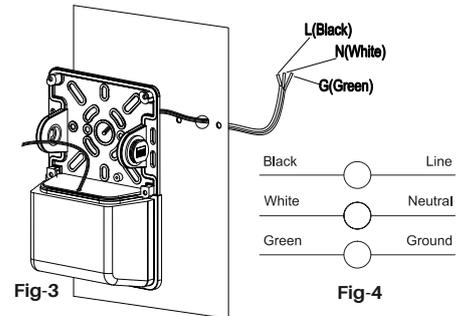
4. Connect the male and female connectors. Carefully & tightly attach the MWP front cover (driver box) back to the base by the 4xM3 screws. (Fig 5)
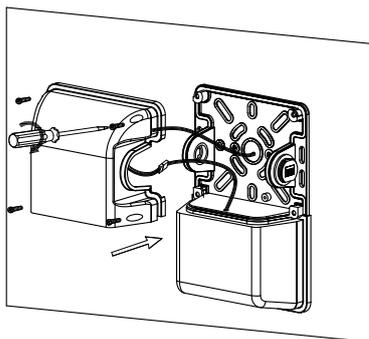
5. Unscrew the cap to select desired CCT / Wattage / Photosensor function, and then cap back. (Fig 6)

**Fig-5**

Fig-6
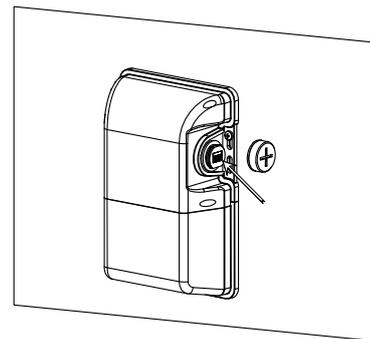
CCT & Power Select Guidance

Warning:
1. Select desired CCT & Wattage before operation.
2. Cap must be screwed back after CCT & Power selection.
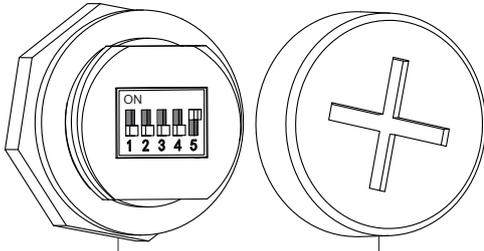
**CCT & Wattage
Select Modular**

Cap

Wattage Select
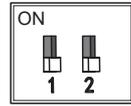
100% (Default)
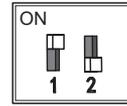
80%
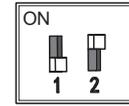

60%

Photocell
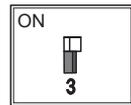
Sensor ON
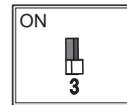
Sensor OFF
(Default)

CCT Select
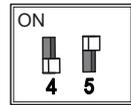
5000 K (Default)

4000K

3000K

Notes

Notes

LED

Highly Efficient **Outdoor Wall Lighting** To Cover All Your Bases!
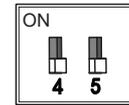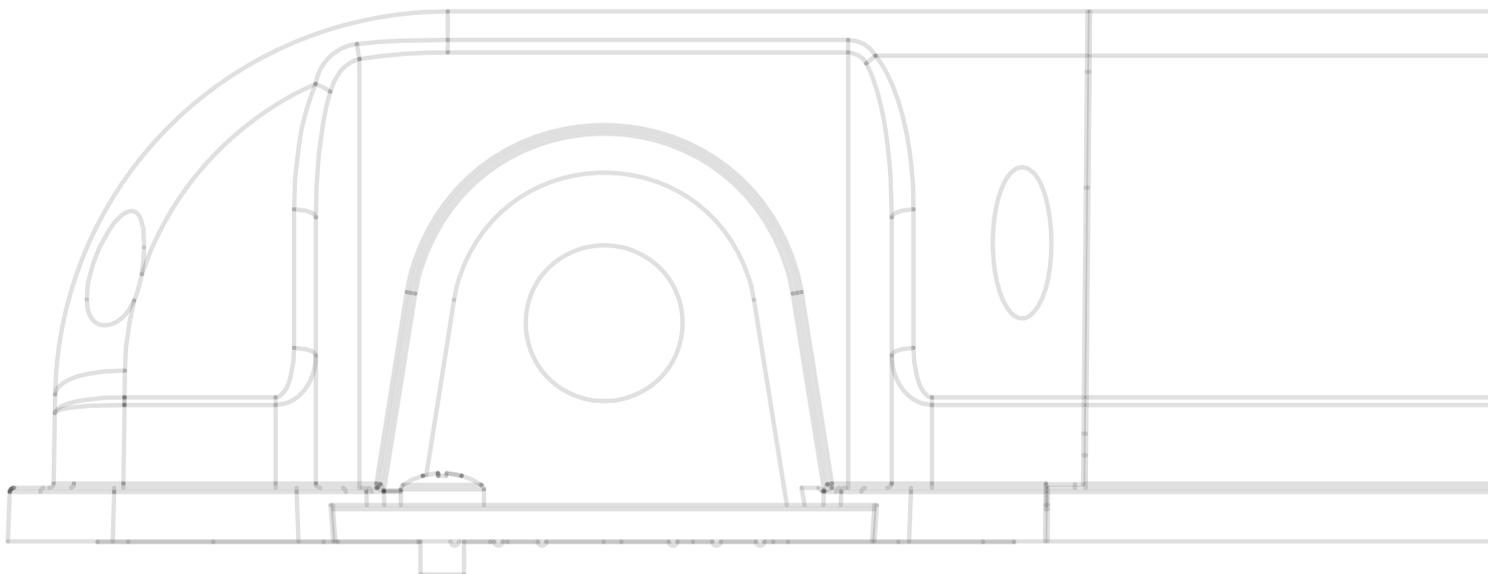
Scan To Explore Our
Exciting Product Range

IKIO
LED LIGHTING