# SLIM GEN 2 SERIES



## Description

The **Slim Gen 2** series is a **WATTAGE SELECTABLE** wall pack luminaire with **4 OUTPUT LEVEL SETTINGS** per model.

It's unique and adjustable direction and can be aimed from 0-90 degrees so forward throw illumination can be precisely aimed.

This is an ideal commercial or residential outdoor fixture and easily replaces to any wall packs lights.

Durable die-casting aluminum housing construction. UV-resistant polycarbonate refractor lens Type II distribution optics.
The standard finish is Dark Bronze (DB) (RAL 8019).
Also available in black (BK).

It is suitable for many diverse applications such as building façades, commercial, industrial, retail, residential, hospitality buildings that demand long service life and low maintenance.

## Electrical Specifications

Available Wattages: 40W (40W,30W,20W,10W) (selectable)
80W (80W, 60W, 40W,20W) (selectable)
Adjustable Angle: 0-90
THD: <20%
IP Rating: IP65
IK Ratung: IK08
CRI: >70 Ra
Dimming: 0-10V
Comes complete with external photocell
Bug Rating: WP-SLM2-40WS-T2: B1 U1 G1
                    WP-SLM2-80WS-T2: B3 U1 G2
Operating Temperature: -40°C to 45°C (-22° to 113°F)
Storage Temperature: -40°C to 70°C (-40° to 158°F)
Available Voltages: 120-347VAC

## Certifications and Warranty
cETLus, and DLC with 6 year warranty
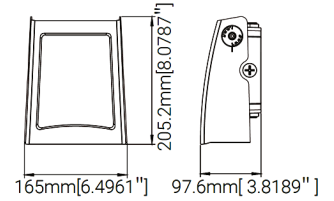
# SLIM GEN 2
# 40W
# (Selectable)

| | IP65 | ETL Intertek | DLC PREMIUM |
|---|---|---|---|
| 120-347V | | | |

## Product Information

**40W**

| | |
|---|---|
| Installation: | Wall Mounted |
| Material: | Die-cast aluminum |
| Finish: | Powder coat |
| System power (W): | 40 (100%) / 30(75%) / 20(50%) / 10(25%) |
| Fixture lumen output (lm): | 5200 (100%) / 3900(75%) / 2600(50%) / 1300(25%) |
| System efficiency (lm/W): | 130 |
| Lumen Maintenance @ L70 (hrs) | 50,000hrs |

## Packaging

| | |
|---|---|
| Net weight lamp (kg/lb): | 1.59 / 3.51 |
| Gross weight carton (kg/lb): | 1.92 / 4.23 |
| Master carton dimensions (mm/in): | 245x200x135 / 9.6x7.9x5.31 |
| Quantity per carton: | 1 |

## Code composition

| Series | | Model | | Mounting | | Wattage - Lumens | | Optics | |
|---|---|---|---|---|---|---|---|---|---|
| WP | Wall Pack | SLM2 | Slim Gen 2 | WM | Wall Mount | 40WS-52L | 40W-5200lm | T2 | Type II |

| CCT | | CRI | | Voltage | | Dimming | | Finish | | Accessories | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40K | 4000K | 70 | 70+ | CUNV | 120-347V | D | 0-10V Dimming | DB | Dark Bronze (Standard) | PC | Photocell (Standard) |
| 50K | 5000K | | | | | | | BK | Black | RC | Remote Control for Photocell |

Dimensions: 205.2mm[8.0787"], 165mm[6.4961"], 97.6mm[3.8189"]

40W-T2-40K-CRI70
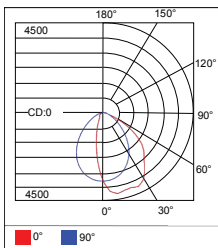
# SLIM GEN 2
# 80W (Selectable)

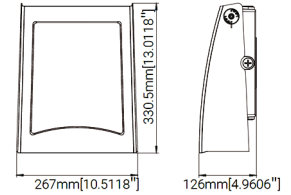| | 120-347V | IP65 | ETL Intertek | DLC PREMIUM |
|---|---|---|---|---|



## Product Information

**80W**

| | |
|---|---|
| Installation: | Wall Mounted |
| Material: | Die-cast aluminum |
| Finish: | Powder coat |
| System power (W): | 80 (100%) / 60(75%) / 40(50%) / 20(25%) |
| Fixture lumen output (lm): | 10400 (100%) / 7800(75%) / 5200(50%) / 2600(25%) |
| System efficiency (lm/W): | 130 |
| Lumen Maintenance @ L70 (hrs) | 50,000hrs |

## Packaging

| | |
|---|---|
| Net weight lamp (kg/lb): | 3.13 / 6.90 |
| Gross weight carton (kg/lb): | 3.73 / 8.22 |
| Master carton dimensions (mm/in): | 330x245x150 / 12.99x9.6x5.91 |
| Quantity per carton: | 1 |



## Code composition

| Series | | Model | | Mounting | | Wattage - Lumens | | Optics | |
|---|---|---|---|---|---|---|---|---|---|
| WP | Wall Pack | SLM2 | Slim Gen 2 | WM | Wall Mount | 80WS-104L | 80W-10400lm | T2 | Type II |

| CCT | | CRI | | Voltage | | Dimming | | Finish | | Accessories | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40K | 4000K | 70 | 70+ | CUNV | 120-347V | D | 0-10V Dimming | DB | Dark Bronze (Standard) | PC | Photocell (Standard) |
| 50K | 5000K | | | | | | | BK | Black | RC | Remote Control for Photocell |

80W-T2-40K-CRI70
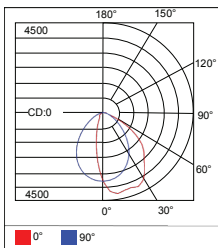
# INSTALLATION

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



Junction Box
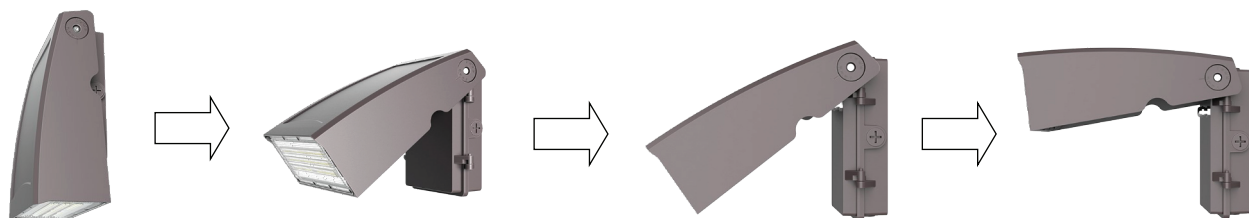Mounting Holes

DOOR LENS

(2) screws

HOUSE
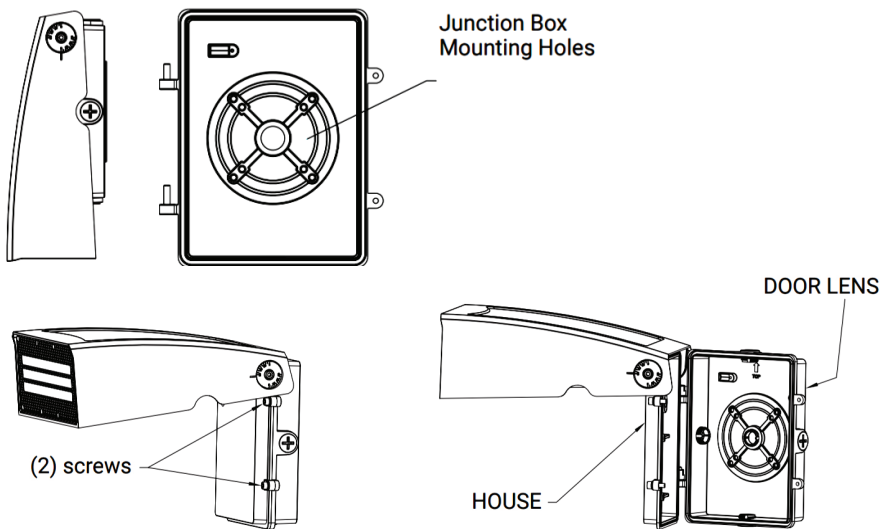
1. Unscrew door with Philips screwdriver by loosening screws. Confirm junction box size and junction box mounting provisions to that of the light fixture.
2. Attach the light fixture to the junction box or mounting surface.
3. Attach the appropriate wires to the light fixture wires, green to green, black 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.
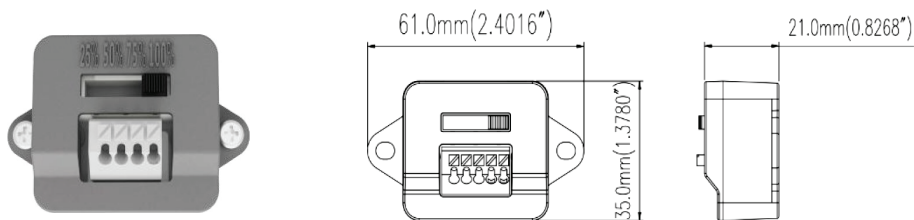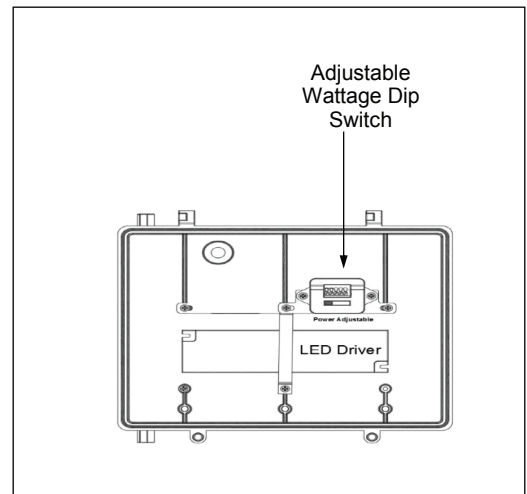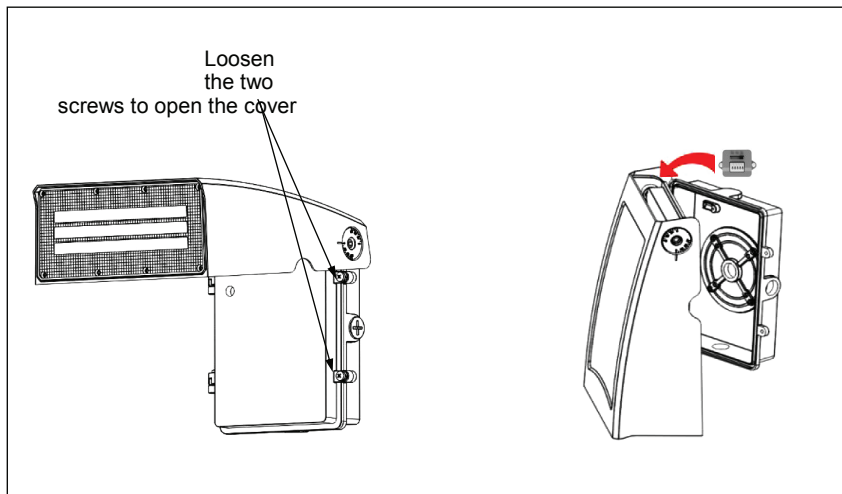
Adjustable direction can be available from 0-90 degree



0°    30°    45°    90°
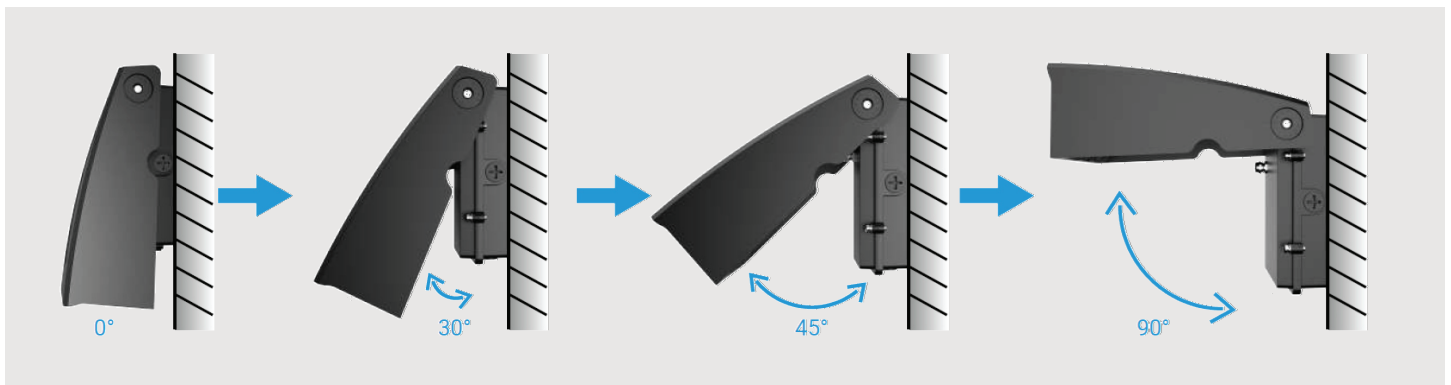
Actual Images

# ADJUSTABLE WATTAGE SWITCH SETTING INSTRUCTIONS

Loosen the two screws to open the cover

Adjustable Wattage Dip Switch

Power Adjustable

LED Driver

61.0mm(2.4016")

35.0mm(1.3780")

21.0mm(0.8268")

## Introduction

Power adjustable switch is a manually adjustable switch for adjusting the power (wattage).

It has 4 adjustable settings (100%, 75%, 50%, 25%).

*Note: actory default setting: 100%*

## Specifications:

| | |
|---|---|
| Operating Voltage | 12-24VDC |
| Power Adjustable period: | 100%, 75%, 50%, 25% |
| Electrical Life: | 2,000 cycles typical |
| Insulation Resistance: | > 100MΩ min |
| Operating temperature: | -22ºF-158ºF (-30ºC～+70ºC) |
| Storage temperature: | -40ºF-185ºF (-40ºC～+85ºC) |

**Wiring Connections:**
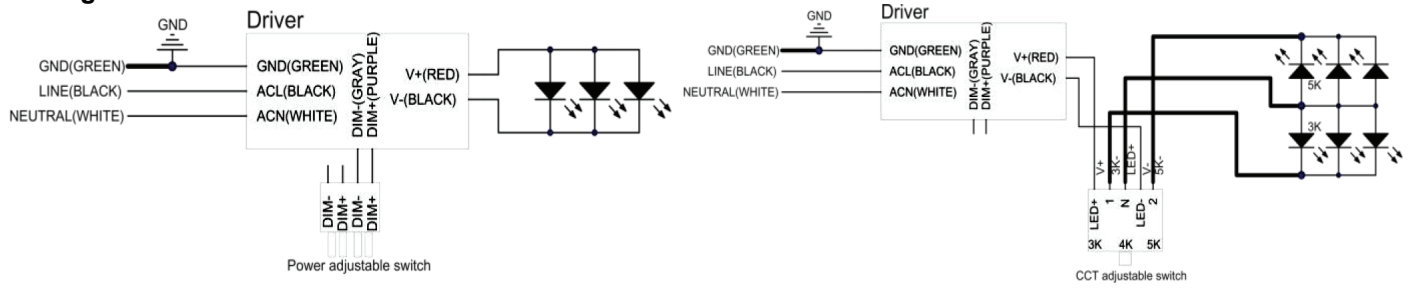


**Power Adjustable Switch Setting Instruction:**

1. Loosen screws and open the door to setting area.
2. Move left or right **"Adjustable button"** to get required wattage. (See below picture)



## Power Adjustable Switch Setting Instruction

* The following parameters are for reference only and could be set to but not limited to the following parameters.

* Values are based on the highest performance package for each fixture size.

* Lumen values vary by optic type.

| Original Watts (W) | DIP Position | Input Watts (W) |
|---|---|---|
| | 100% | 40W |
| | 75% | 30W |
| 40W | 50% | 20W |
| | 25% | 10W |
| | 100% | 80W |
| | 75% | 60W |
| 80W | 50% | 40W |
| | 25% | 20W |

3. Reinstall the door, tighten the screws.
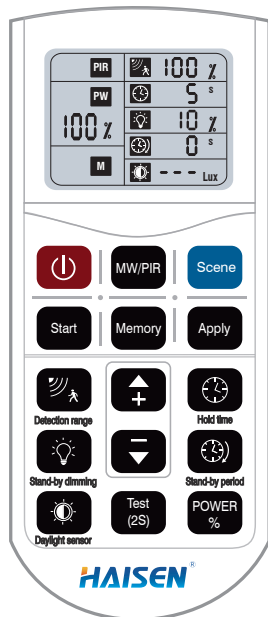4. All wire connections must be made by a licensed electrician..

# ACCESSORIES

## PHOTOCELL



120-347Vac

Plug-in Photocell

## RC REMOTE CONTROL FOR PHOTOCELL



### Remote Control Keys Function Introduction

| Remote Keys | Keys Function | Keys Introduction |
|---|---|---|
| ⏻ | ON/OFF | Switch ON/OFF the light; Switch OFF the sensor function. |
| MW/PIR | MW/PIR | Mode Switch |
| Scene | Reset | Switch to Sensor mode and recover all settings to be factory defaulted setting(Detection area–100%, Hold time–5s, Daylight– Disable, Standby Period–0s, Stand-by dimming level–10%. |
| Start | Start | Press the key to start the setting of parameters with memory and apply function under the sensor mode.<br>1. Press "Start", there will be a letter "S" flashes in    e lower left corner of the display, then start to set up all parameters; |
| Memory | Memory | 2. After setting all parameters, press "Memory" to store the settings and keep it until the next reset; |
| Apply | Apply | 3. Press "Apply" to the set sensor with stored settings within the remote IR range ;<br>4. Note: All data shown in the display are the settings after pressing "Memory". |
| 〰 | Detection area | Under sensor mode, press the key, the corresponding icon on the display flashes, press "+"/"–" to select the sensitivity. |
| ⏱ | Hold time | Under sensor mode, press the key, the corresponding icon on the display flashes, press "+"/"–" to **select** the ho |
| ◑ | Daylight Threshold | Under sensor mode, press the key, the corresponding icon on the display flashes, press "+"/"–" to select the daylight threshold. |
| ⏲ | Stand-by period | Under sensor mode, press the key, the corresponding icon on the display flashes, press "+"/"–" to select the low brightness time. |
| 💡 | Stand-by dimming level | Under sensor mode, press the key, the corresponding icon on the display flashes, press "+"/"–" to select the low brightness during stand–by period. |
| ⬆ | UP | After pressing different parameter keys, press either of the key to adjust(UP/DOWN) the required parameters. |
| ⬇ | DOWN | |
| POWER % | POWER | Under sensor mode, press "POWER", the letter of "PW" flashes in the middle left of the display, press "+"/".–" to increase/decrease the output power. |
| Test (2s) | Test mode | Press the key to enter the test mode under sensor mode. It won't be memorized after power OFF. The parameters under test mode is: detection area–100%, hold time–2s, daylight–disable, stand–by period–0s, stand–by dimming level–10%. |
| Notes | | Press"Scene" to reset the remote before using.<br>During the setting of each parameter, the icon will flash for 5s, after that, the setting will be kept automatically. |