

Round Slim Canopy Light

3CCT & 5 Power Selectable

Light up your parking garage with the EnVision Round Slim Canopy Light. Provide unparalleled lighting for parking structures with unique reverse-throw lighting, which emits light upward as well as down. Optional motion sensor modulates light intensity when nearby vehicles or occupants are detected.



Detail Specification:

- IP65 Wet Location Rated
- CRI 80 SMD Lumiled LED Chips
- 100-277V Driver
- 150° Beam Angle/Type VS Distribution
- Operating Temperature: -4°F ~ +124°F
- Storing Temperature: -40°F ~ +185°F
- PF >0.9/Input: .85A/Output: 36-66V DC
- 0-10V Dimmable

Applications:

- Parking Structures
- Canopies
- Car Parks
- Soffits
- Outdoor Corridors

Product Information:

- 3-Power Selectable: Don't second guess the perfect lumen output
- Optional Bi-Level Motion + Daylight Sensor Available
- Optional Emergency Backup Available
- Di-Cast aluminum housing with PC lens
- No UV emission, no flicker, instant start, no humming
- L70 @ 50,000 hours lumen maintenance

Certifications:

- cUL Listed
- DLC Listed
- FCC CFR 47, FCC Part 15, Subpart B: 2017
- 5 Year EnVision LED Limited Warranty

LED - RCP - 5-Watt Selectable - TRI - Finish - Accessories - EMB - Warranty

1 2 3 4 5 6 7

1 Product

LED-RCP Round Slim Canopy Light

2 5-Watt Selectable

5P55 55/47/38.5/30/22W - 145lm/W
 7,975lm (55W) / 6,815lm (47W)
 5,583lm (38.5W) / 4,350lm (30W)
 3,190 (22W)

5P100 100/90/80/70/60W - 145lm/W
 14,500lm (100W) / 13,050 (90W)
 11,600 (80W) / 10,150 (70W)
 8,700 (60W)

3 Color

TRI 50/40/30K

4 Finish

WH White
BZ Bronze

5 Accessories

(Blank) None
BMS Bi-Level Motion Sensor (Internal)

6 EMB

(Blank) None
EMB Emergency Backup (90 Mins. Internal 20W)

7 Warranty

(Blank) 5 Years (incl.)
10YR 10 Years

Specs and model numbers are subject to change with or without notice.

Product Features

Aluminum Housing

Built with an aluminum housing, this fixture is built to last

Knockouts

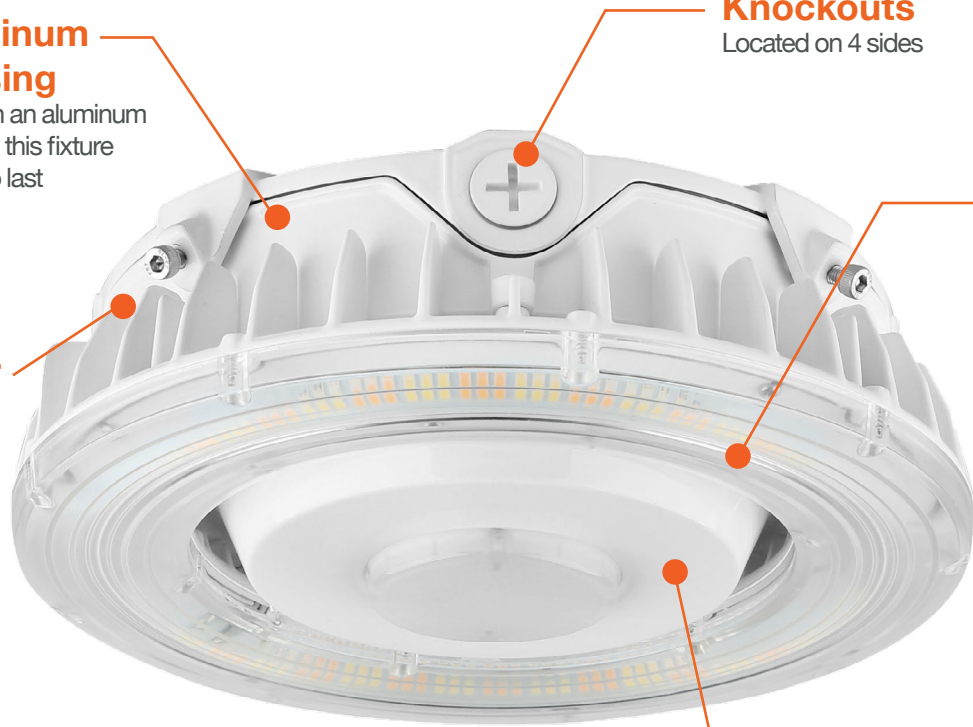
Located on 4 sides

Ribbed Lens

Reduces glare to avoid eye discomfort

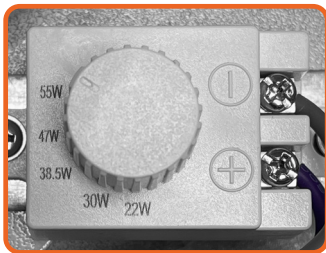
Integrated Driver

This fixture is dimmable with the IP65-rated, 100-277vac integrated driver



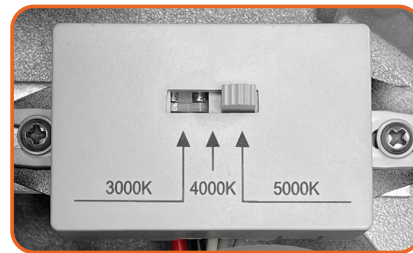
Reverse-Throw Lighting

Provide unparalleled lighting for parking structures with unique reverse-throw lighting, which emits light upward as well as down



5-Watt Selectable

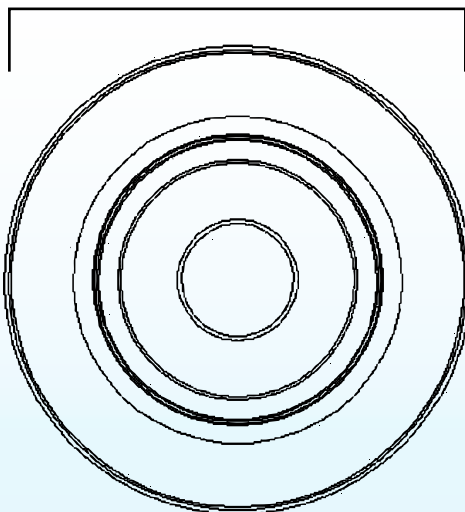
Select between 5 different wattages



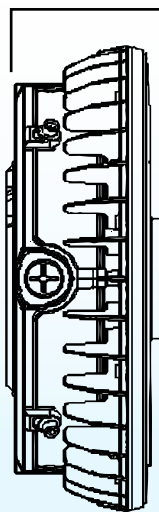
3CCT Selectable

Select between 3 different colors

10.03in



3.11in



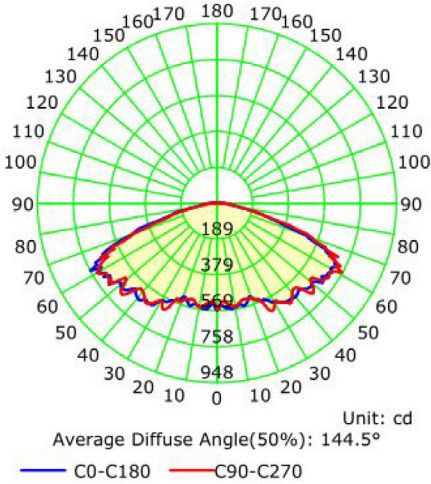
Mounting:

- Easy surface mount installation with universal mounting plate
- Easy 1" Ø pendant mount/stem installation
- Pre-wired circuit wiring built in (3 in / 3 out)
- 3/4" Ø Knockouts located on 4 sides

PHOTOMETRICS

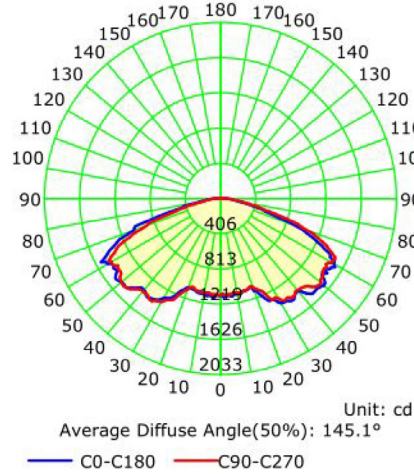
25W

Luminous Intensity Distribution Curve



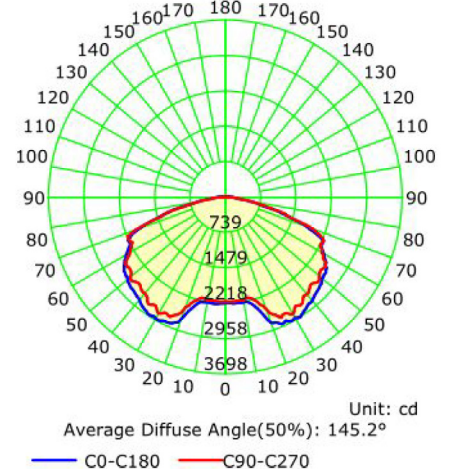
55W

Luminous Intensity Distribution Curve

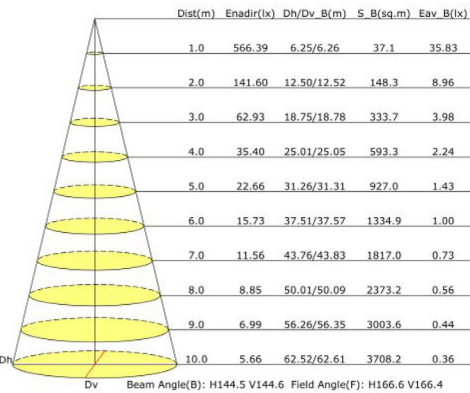


100W

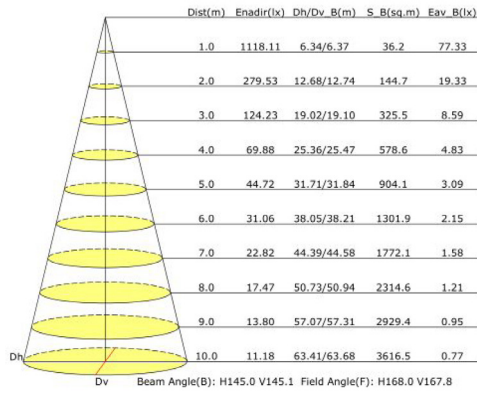
Luminous Intensity Distribution Curve



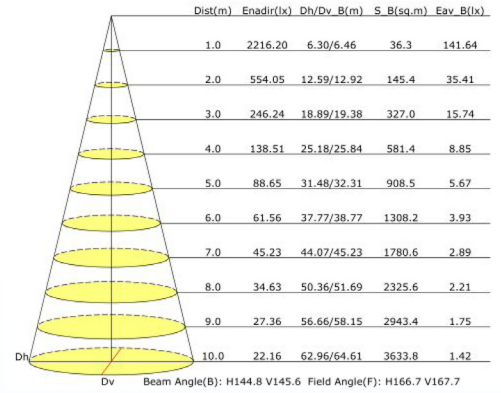
Illuminance at a Distance



Illuminance at a Distance



Illuminance at a Distance



Setting:

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

ON ↑ 		1	2	
	I	ON	ON	100%
	II	ON	-	75%
	III	-	ON	50%
	IV	-	-	25%

Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

Factory setting: I

ON ↑ 		3	4	5	
	I	ON	ON	ON	5S
	II	-	ON	ON	30S
	III	ON	-	ON	90S
	IV	-	-	ON	3min
	V	ON	ON	-	20min
	VI	-	-	-	+∞

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Factory setting: VI

ON ↑ 		6	7	8	
	I	ON	ON	ON	0S
	II	-	ON	ON	5S
	III	ON	-	ON	5min
	IV	-	-	ON	10min
	V	ON	ON	-	30min
	VI	-	ON	-	1h
	VII	-	-	-	+∞

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to Disable mode, the low light is maintained until motion is detected.

Factory setting: I

ON ↑ 		1	2	
	I	ON	ON	50%
	II	-	ON	30%
	III	ON	-	20%
	IV	-	-	10%

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

Factory setting: I

ON ↑ 		3	4	5	6	
	I	ON	ON	ON	ON	5Lux
	II	-	ON	ON	ON	15Lux
	III	ON	-	ON	ON	30Lux
	IV	-	-	ON	ON	50Lux
	V	ON	ON	-	ON	100Lux
	VI	ON	ON	ON	-	150Lux
	VII	-	-	-	-	Disable

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.

100lux, 100lux, 50lux: twilight operation, 10lux, 5lux: darkness operation only.

Note that daylight sensor is active only when lamp totally switches off.

Factory setting: VII

Warning / Avertissement

MIN 75°C SUPPLY CONDUCTOR

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

Cautions:

1. Can not use the electric generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper earth grounding is required to ensure safety.

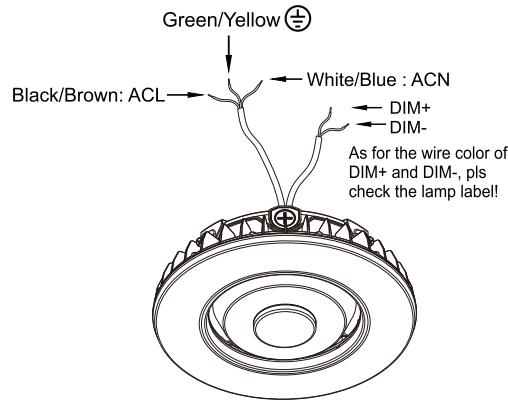
Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

Wiring Diagram:



Installation Method I :

1. Disassemble the driver box cover; Figure 1-1
2. Loosen the 3/4 plug on the driver box cover by screwdriver; Figure 1-2
3. Fix the driver box cover on the 3/4 tube; Figure 1-3
4. Cling the safety rope in the driver box to the hook inside the driver box; Figure 1-4
5. Connect the input line and ground; If the fixture is equipped with sensor, adjust the sensor settings, Take relevant waterproof measures after the wires are connected ;Figure 1-5
6. Align the drive box cover with the metal shrapnel inside the drive box and press upward to fasten it together. Figure 1-6
7. Lock the four screws, the product is installed. Figure 1-7

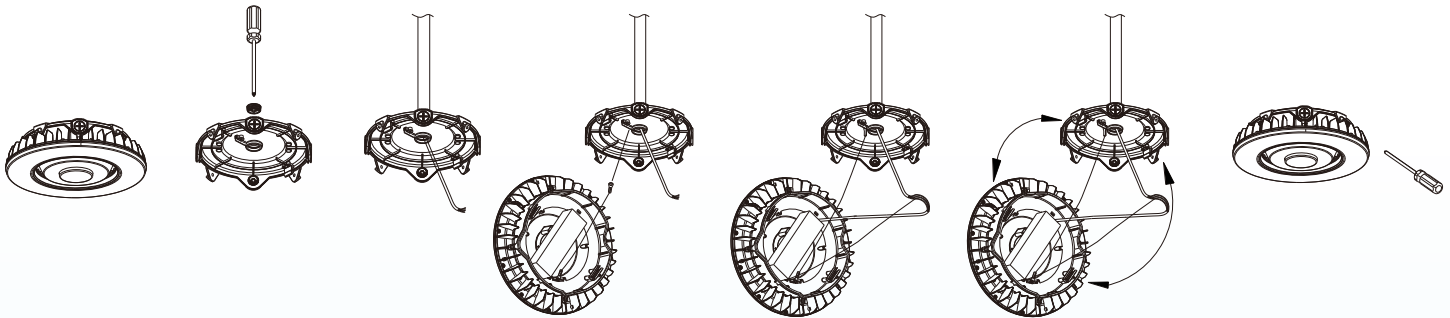


Figure 1-1

Figure 1-2

Figure 1-3

Figure 1-4

Figure 1-5

Figure 1-6

Figure 1-7

Installation Method II :

1. Disassemble the driver box cover; Figure 2-1
2. Loosen the 3/4 plug on the driver box cover by screwdriver; Figure 2-2
3. Drill the holes on the ceiling accordingly to fit the plate; Figure 2-3
4. Fix the driver box cover on the ceiling; Figure 2-4
5. Cling the safety rope in the driver box to the hook inside the driver box; Figure 2-5
6. Connect the input line and ground; If the fixture is equipped with sensor, adjust the sensor settings; Take relevant



Figure 2-1



Figure 2-2

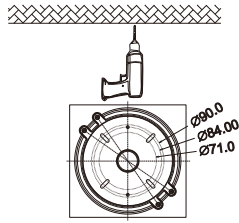


Figure 2-3

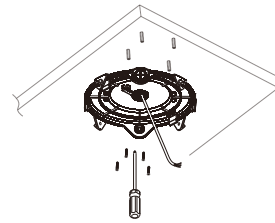


Figure 2-4

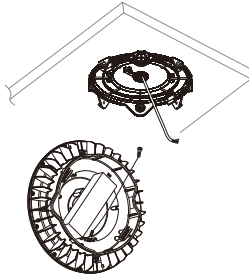


Figure 2-5

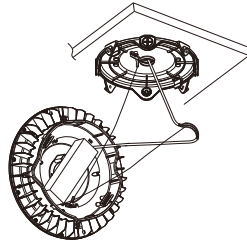


Figure 2-6

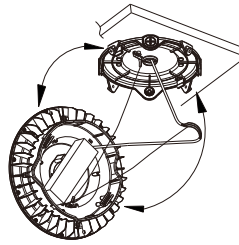


Figure 2-7

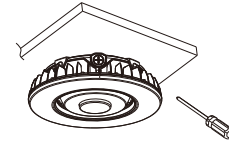


Figure 2-8

Installation Method III :

1. Disassemble the driver box cover; Figure 3-1
2. Loosen the 3/4 plug on the driver box cover by screwdriver; Figure 3-2
3. Drill holes on the ceiling; Figure 3-3
4. Fix the upper bracket on the ceiling; Figure 3-4
5. Fix the lower bracket on the driver box cover; Figure 3-5
6. Align with the holes of upper and lower bracket; tighten with screws; Figure 3-6
7. Cling the safety rope in the driver box to the hook inside the driver box; Figure 3-7
8. Use M20 waterproof connector when connecting AC wire or dimming wire, take relevant waterproof measures at both sides of inlet. Figure 3-8
9. Connect the input line and ground; If the fixture is equipped with sensor, adjust the sensor settings; Take relevant waterproof measures after the wires are connected ;Figure 3-9
10. Align the drive box cover with the metal shrapnel inside the drive box and press upward to fasten it together. Figure 3-10
11. Lock the four screws, the product is installed. Figure 3-11



Figure 3-1

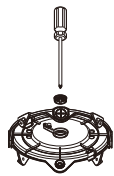


Figure 3-2

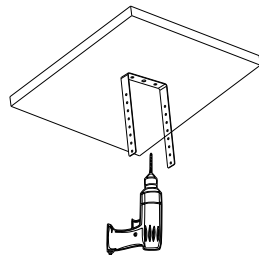


Figure 3-3

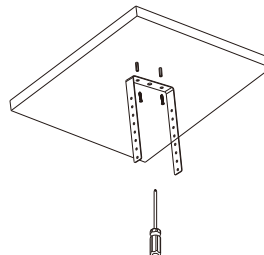


Figure 3-4

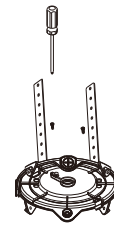


Figure 3-5

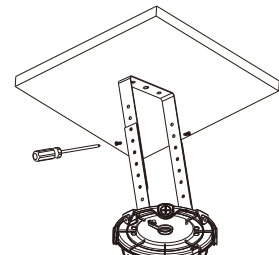


Figure 3-6

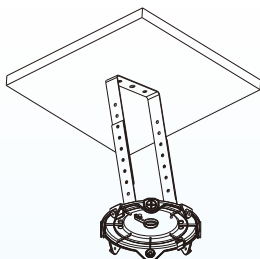


Figure 3-7

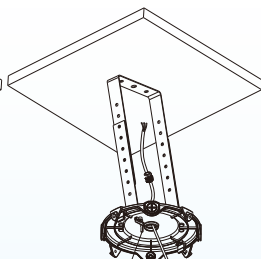


Figure 3-8

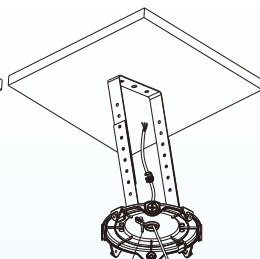


Figure 3-9

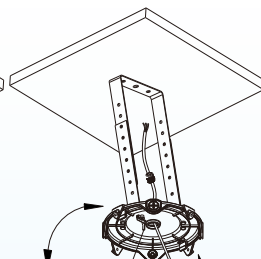


Figure 3-10

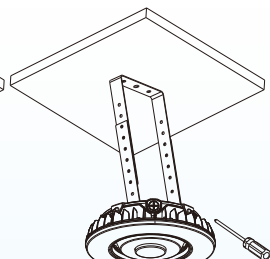
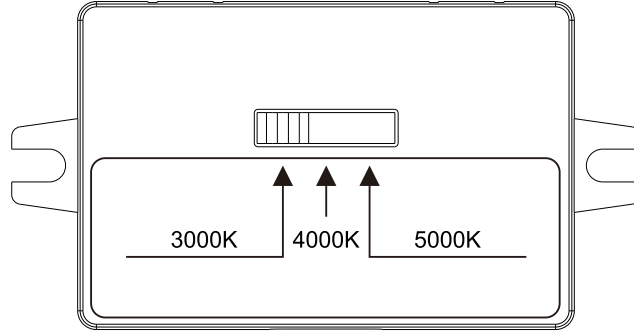


Figure 3-11

Adjust the color temperature through the switch:

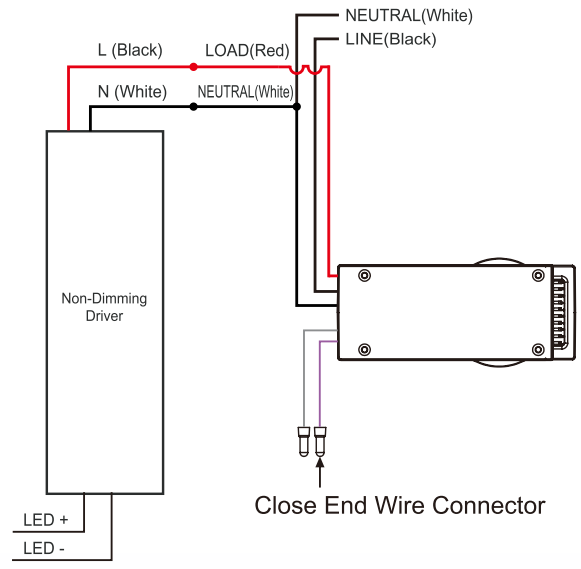
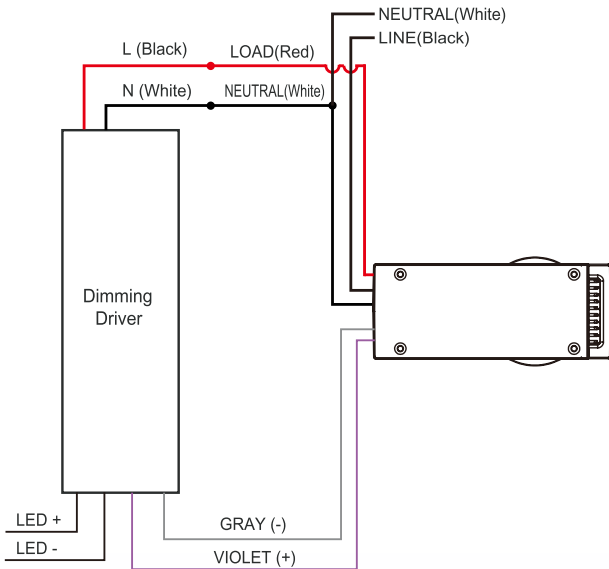
Move the switch left and right to get the desired color temperature.



PARAMETER SETTING BY REMOTE CONTROL IN MANUAL OF RC-100 Wiring Diagrams

BRI823-B-D wiring with dimming ballast or LED driver.
Dimming Driver

BRI823-B-D wiring with non-dimming ballast or LED driver.
Non-Dimming Driver



Structure of motion sensor

