



TUNABLE
3CCT
SELECTABLE

(Easily flip the switch for desired CCT)

READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY

SAFETY

THIS FIXTURE MUST BE WIRED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND APPLICABLE LOCAL CODES AND ORDINANCES. PROPER GROUNDING IS REQUIRED TO INSURE PERSONAL SAFETY. CAREFULLY OBSERVE THE GROUNDING PROCEDURE UNDER INSTALLATION SECTION. ALL WORK SHOULD BE DONE BY A QUALIFIED ELECTRICIAN.

- **RISK OF ELECTRIC SHOCK** - DISCONNECT POWER AT FUSE OR CIRCUIT BREAKER BEFORE INSTALLING OR SERVICING.
- **RISK OF PERSONAL INJURY** - FIXTURE MAY BECOME DAMAGED AND/OR UNSTABLE IF NOT INSTALLED PROPERLY. TIGHTEN ALL FIXTURE COMPONENTS TO THEIR RECOMMENDED TORQUE VALUES.

WARNING

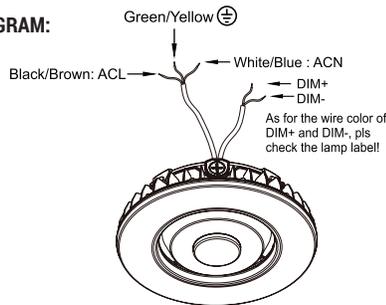
- TURN OFF ELECTRICAL POWER AT FUSE OR CIRCUIT BREAKER BOX BEFORE WIRING FIXTURE TO THE POWER SUPPLY.
- VERIFY THAT SUPPLY VOLTAGE IS CORRECT BY COMPARING IT WITH THE LUMINAIRE LABEL INFORMATION.
- ALL WIRING CONNECTIONS SHOULD BE CAPPED WITH UL APPROVED WIRE CONNECTORS.
- MIN 75°C SUPPLY CONDUCTOR

CAUTION

- AVOID DIRECT EYE EXPOSURE TO THE LIGHT SOURCE WHILE IT IS ON.
- ACCOUNT FOR SMALL PARTS AND DESTROY PACKING MATERIAL, AS THESE MAY BE HAZARDOUS TO CHILDREN.
- **RISK OF BURN.** DISCONNECT POWER AND ALLOW FIXTURE TO COOL BEFORE CHANGING BULB OR HANDING FIXTURE.

INSTALLATION (ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!)

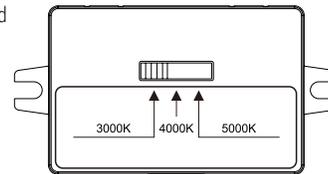
WIRING DIAGRAM:



ADJUST THE COLOR TEMPERATURE THROUGH THE SWITCH:

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

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CEILING MOUNT:

1. Disassemble the driver box cover; **Figure A1**
2. Loosen the 3/4 plug on the driver box cover by screwdriver; **Figure A2**
3. Drill the holes on the ceiling accordingly to fit the plate; **Figure A3**
4. Fix the driver box cover on the ceiling; **Figure A4**
5. Cling the safety rope in the driver box to the hook inside the driver box; **Figure A5**
6. 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 A6**
7. Align the drive box cover with the metal shrapnel inside the drive box and press upward to fasten it together. **Figure A7**
8. Lock the four screws, the product is installed. **Figure A8**



Figure A1



Figure A2

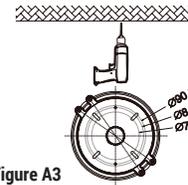


Figure A3

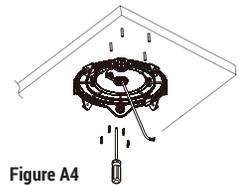


Figure A4



Figure A5

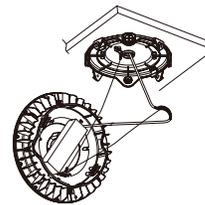


Figure A6

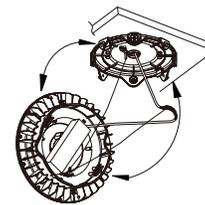


Figure A7

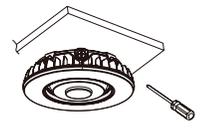


Figure A8

PENDANT MOUNT:

1. Disassemble the driver box cover; **Figure B1**
2. Loosen the 3/4 plug on the driver box cover by screwdriver; **Figure B2**
3. Fix the driver box cover on the 3/4 tube; **Figure B3**
4. Cling the safety rope in the driver box to the hook inside the driver box; **Figure B4**
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 B5**
6. Align the drive box cover with the metal shrapnel inside the drive box and press upward to fasten it together. **Figure B6**
7. Lock the four screws, the product is installed. **Figure B7**



Figure B1



Figure B2



Figure B3

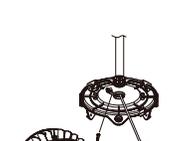


Figure B4

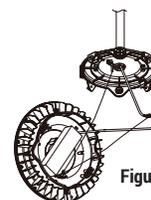


Figure B5

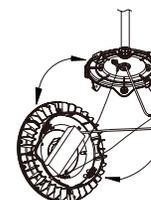


Figure B6



Figure B7

INSTALLATION (PAGE 2) (ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!)

BRACKET MOUNT:

1. Disassemble the driver box cover; **Figure C1**
2. Loosen the 3/4 plug on the driver box cover by screwdriver; **Figure C2**
3. Drill holes on the ceiling; **Figure C3**
4. Fix the upper bracket on the ceiling; **Figure C4**
5. Fix the lower bracket on the driver box cover; **Figure C5**
6. Align with the holes of upper and lower bracket; tighten with screws; **Figure C6**
7. Cling the safety rope in the driver box to the hook inside the driver box; **Figure C7**
8. Use M20 waterproof connector when connecting AC wire or dimming wire, take relevant waterproof measures at both sides of inlet. **Figure C8**
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 C9**
10. Align the drive box cover with the metal shrapnel inside the drive box and press upward to fasten it together. **Figure C10**
11. Lock the four screws, the product is installed. **Figure C11**



Figure C1



Figure C2

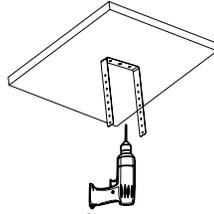


Figure C3

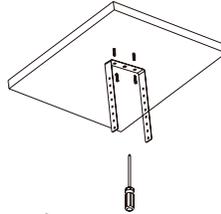


Figure C4



Figure C5

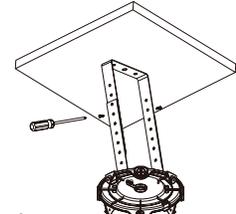


Figure C6

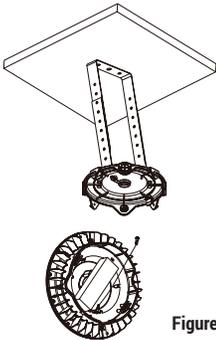


Figure C7

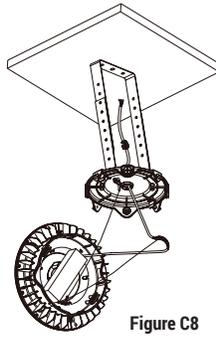


Figure C8

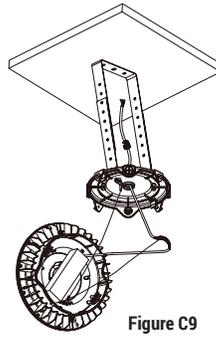


Figure C9

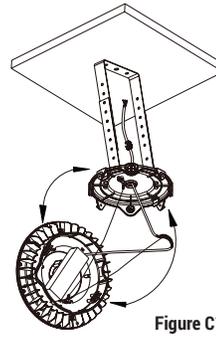


Figure C10

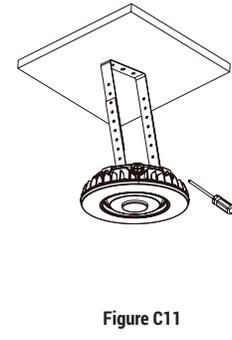
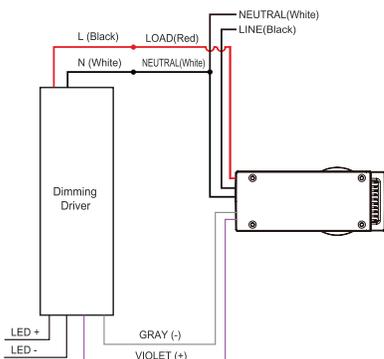


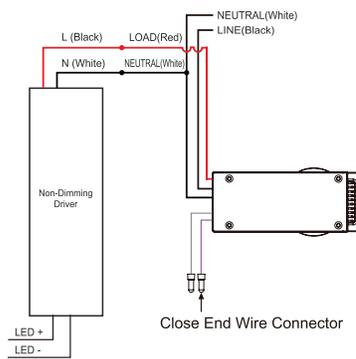
Figure C11

PARAMETER SETTING BY REMOTE CONTROL IN MANUAL OF RC-100 WIRING DIAGRAMS:

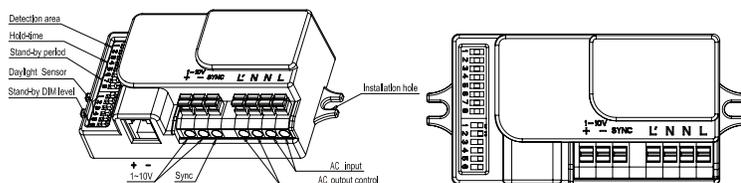
BRI823-B-D wiring with dimming ballast or LED driver.
Dimming Driver



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



Structure of motion sensor



SETTING:

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

	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

	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

	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	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

	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

	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, 50lux, 100lux: twilight operation, 10lux, 5lux: darkness operation only.
Note that daylight sensor is active only when lamp totally switches off.
Factory setting: VII