# FLEXCOLOR SOLAR PATHWAY LIGHT
## INSTALL INSTRUCTIONS | OFF-GRID

**PRIOR TO INSTALLATION, PLEASE READ THE ENTIRE INSTALLATION INSTRUCTIONS**

CONSULT WITH THE MANUFACTURER BEFORE CONDUCTING ANY MAINTENANCE.

HANDLE THE PRODUCT WITH CARE.

MAKE SURE THE POLE IS STRONG ENOUGH TO SUPPORT THE LIGHT.

MAKE SURE THE PRODUCT IS SECURELY INSTALLED.

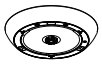
THE HOUSING MIGHT BECOME HOT AFTER OPERATION.

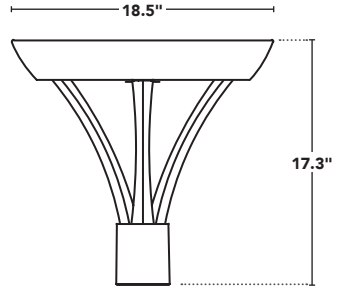
THE PRODUCT MUST BE GROUNDED.

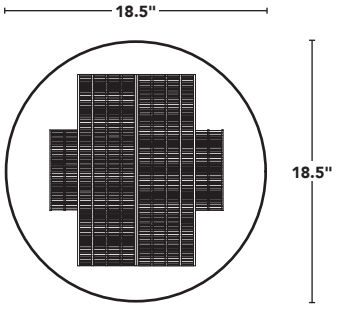
THE PRODUCT IS SUITABLE FOR WET LOCATIONS.

**IMPORTANT:** BEFORE OPERATING THE LIGHT, PRESS THE METAL ACTIVATION BUTTON LOCATED ON THE UNDERSIDE OF THE FIXTURE. THE LIGHT WILL NOT FUNCTION UNTIL THIS BUTTON HAS BEEN PRESSED.

### INCLUDED HARDWARE

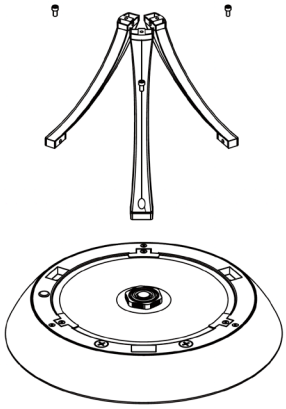
| | |
|---|---|
|  | LED SOLAR POST TOP |
| | (3) M8×14 HEX SOCKET SCREW |
| | (1) POLE ADAPTOR<br>(M8×20 HEX SOCKET SET SCREWS PRE-INSTALLED) |
| | (3) POLE BRACKET |
| | (3) M8×12 HEX SOCKET SCREW |
| | (1) MPPT REMOTE CONTROLLER |



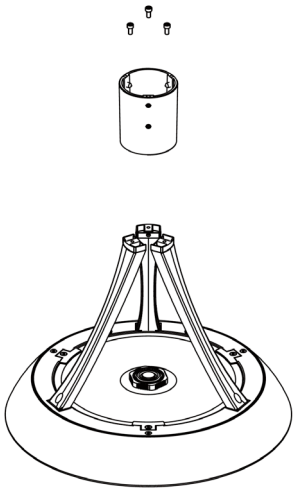



**INSTALLATION — EXPLODED VIEW OF COMPLETED ASSEMBLY WITH COMPONENT CALL OUT. 1,2,3, ETC.**

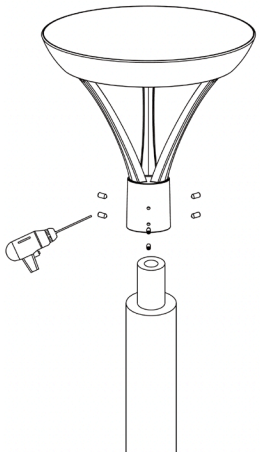
1. TAKE OUT THE FIXTURE FROM THE PACKAGE. SECURE THE POLE BRACKET WITH M6*12 HEX SOCKET SCREWS.



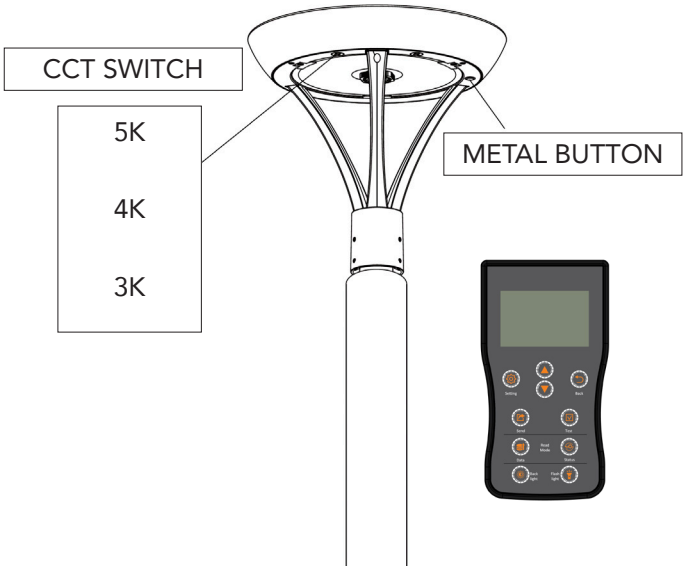
2. TAKE OUT THE POLE ADAPTOR AND SECURE IT WITH M8*14 HEX SOCKET SCREWS.



3. ADJUST THE M8 HEX SOCKET SET SCREWS TO ACHIEVE OPTIMAL FASTENING. (FOR 2 3/8TH IN AND 3 IN POLE ADAPTER: USE M8*12 HEX SOCKET SET SCREWS)

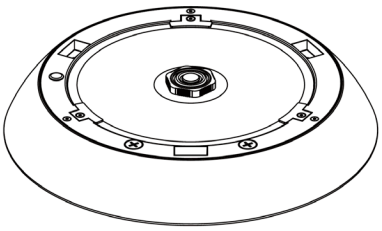


4. PRESS THE METAL BUTTON TO TURN ON THE POWER. THEN TURN THE CCT SWITCH TO YOUR DESIRED MODE (DEFULT SETTING: 5000K). YOU CAN ASLO USE THE MPPT REMOTE CONTROLLER TO RE-SET YOUR DESIRED PROGRAM (DEFULT SETTING IS BELOW SHOWN). INSTALLATION FINISHED.

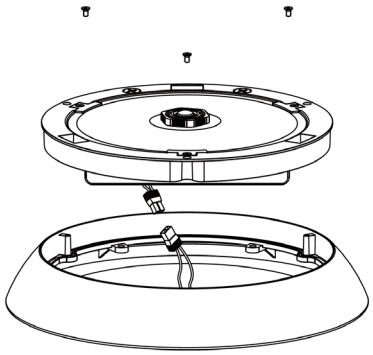


**INSTALLATION: REPLACING THE BATTERY — EXPLODED VIEW OF COMPLETED ASSEMBLY WITH COMPONENT CALL OUT. 1,2,3, ETC.**

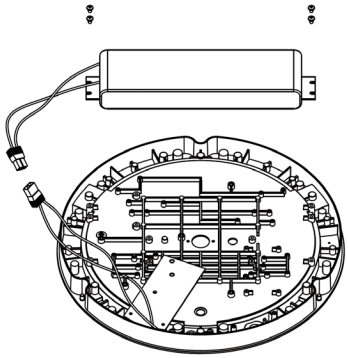
1. TAKE THE FIXTURE OUT OF THE PACKAGE.



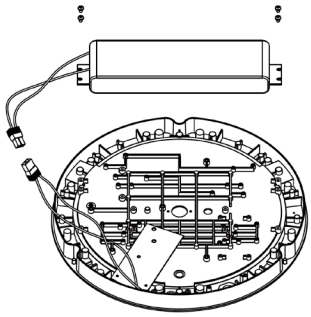
2. REMOVE THE 3PCS OF M5*12 HEX SOCKET COUNTERSUNK SCREWS TO SEPARATE THE LIGHT-EMITTING ASSEMBLY FROM THE SOLAR PANEL ASSEMBLY. THEN DISCONNECT THE 2-PIN TERMINAL CONNECTED TO THE SOLAR ASSEMBLY.



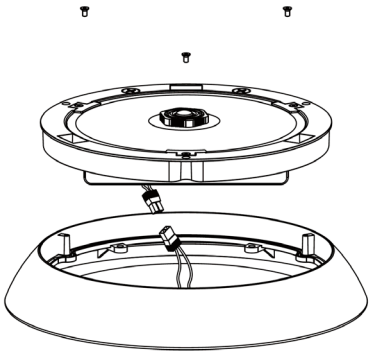
3. DISCONNECT THE 2-PIN TERMINAL BETWEEN THE BATTERY ANDTHE LIGHT, THEN LOOSEN THE 4PCS M4 FIXING SCREWS OF THE BATTERY, REMOVE THE BATTERY.



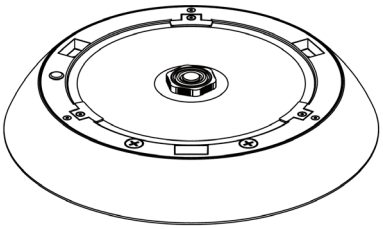
4. TAKE OUT THE REPLACEMENT BATTERY, CONNECT THE 2-PIN TERMINAL BETWEEN THE BATTERY AND THE LIGHT, THEN FASTENTHE 4PCS M4 FIXING SCREWS OF THE BATTERY.



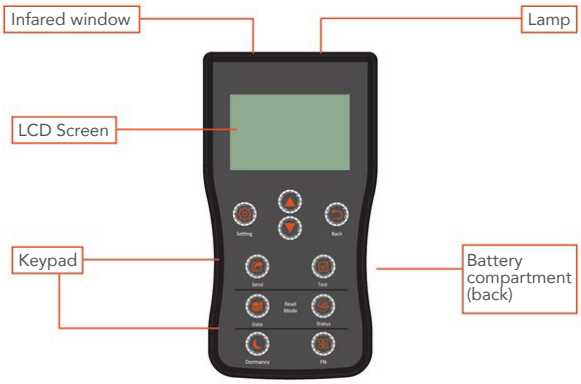
5. CONNECT THE 2-PIN TERMINALS OF THE SOLARPANEL ASSEMBLY AND THE LIGHT-EMITTING ASSEMBLY, THEN TIGHTEN THE PREVIOUSLY REMOVED M5*12 HEX SOCKET COUNTERSUNK SCREWS.



6. REPLACEMENT FINISHED.



## REMOTE CONTROL OPERATION




PLEASE READ THIS MANUAL BEFORE USING THE REMOTE. IT EXPLAINS HOW TO USE THE REMOTE TO VIEW, CHANGE, AND SEND THE SETTINGS OF YOUR SOLAR LIGHT.

**IMPORTANT:** This remote includes advanced programming functions intended for trained technicians. Most users only need to adjust the settings listed in Section 6.1. Unless directed by the manufacturer or a qualified technician, leave all other settings at their factory-default settings.

### TERMS USED IN THIS MANUAL

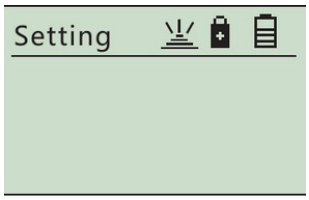
**Remote:** handheld remote control.
**Charge controller:** the control unit inside the solar light. Quick Start: Change a Light Setting
**Load:** the light's LED output. The screen shows it as "Load."

### QUICK START: CHANGE A LIGHT SETTING

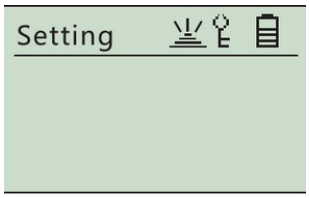
1. Press **Setting** to wake the remote.
2. Press **Up** or **Down** to scroll through the setting screens.
3. Press **Setting**. The selected value blinks.
4. Press **Up** or **Down** to change the value.
5. Press **Setting** to confirm The cursor moves to the next setting. When you are finished, press **Back** to exit.
6. Stand within 23 ft of the light. Aim the remote at the light and press Send.
7. Hold the remote steady until the screen shows "Send Successful" and the remote gives one long beep.

**NOTE**: Changing a value on the remote does not change the light. The light receives new settings only when you press Send (Step 6).

### SCREEN ICONS AND MESSAGES

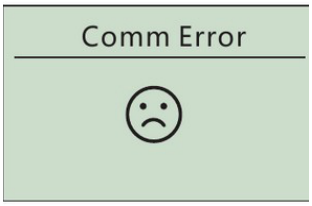



BUTTONS LOCKED




BUTTONS UNLOCKED

SUCCESS




FAILURE

## REMOTE CONTROL OPERATION

### STATUS ICONS

| | |
|---|---|
| | INFARED COMMUNICATION |
| | KEY LOCK: BUTTONS ARE LOCKED |
| | KEY UNLOCK: THE BUTTONS ARE UNLOCKED |
| | REMOTE BATTERY LEVEL (SEE TO THE RIGHT) |
| | SUCCESS |
| | FAILURE |

### REMOTE BATTERY LEVEL

| | |
|---|---|
| | 75% OR MORE |
| | 50% TO LESS THAN 75% |
| | 25% TO LESS THAN 50% |
| | LESS THAN 25% |

### SCREEN MESSAGES

| | | |
|---|---|---|
| SEND SUCCESSFUL | 1 LONG BEEP | THE LIGHT RECEIVED THE SETTINGS |
| COMM ERROR | 3 SHORT BEEPS | COMMUNICATION FAILED. AIM THE REMOTE AT THE LIGHT AND TRY AGAIN. |
| DATA ERROR | 3 SHORT BEEPS | A SETTING SUCH AS BATTERY TYPE, LOAD CURRENT, OR A VOLTAGE SETTING IS INCORRECT. |
| DORMANCY OK | 1 SHORT BEEP | THE CHARGE CONTROLLER ENTERED DORMANCY MODE |
| TEST SUCCESSFUL | 1 SHORT BEEP | THE CHARGE CONTROLLER EXITED DORMANCY MODE |

### BUTTONS

| BUTTON | FUNCTION | BUTTON | FUNCTION |
|---|---|---|---|
| | SELECT A SETTING TO CHANGE AND CONFIRM A CHANGE | | TURN ON THE LIGHT FOR A 1-MINUTE TEST. OR EXIT DORMANCY MODE |
| | SCROLL UP OR INCREASE A VALUE | | READ THE SETTINGS STORED IN THE LIGHT |
| | SCROLL DOWN ORDECREASE A VALUE | | READ THE LIGHT'S OPERATING STATUS |
| | RETURN TO THE PREVIOUS SCREEN OR EXIT | | SEND THE DORMANCY COMMAND TO THE LIGHT |
| | SEND THE SETTINGS TO THE LIGHT | | FUNCTION KEY. USED TOGETHER WITH ANOTHER BUTTON |

## REMOTE CONTROL OPERATION

### BEFORE YOU START

1. INSTALL TWO AA BATTERIES. MAKE SURE THE + AND – ENDS FACE THE CORRECT DIRECTION.
2. THE REMOTE TURNS OFF AUTOMATICALLY (SLEEP MODE) AFTER 1 MINUTE WITHOUT A BUTTON PRESS.
3. THE REMOTE PROGRAMS ONE LIGHT AT A TIME. IT CANNOT PROGRAM MULTIPLE LIGHTS AT ONCE.
4. USING THE BACKLIGHT OR THE LAMP SHORTENS BATTERY LIFE.
5. REPLACE THE BATTERIES WHEN THE LOW-BATTERY SYMBOL APPEARS.
6. REMOVE THE BATTERIES IF YOU WILL NOT USE THE REMOTE FOR AN EXTENDED PERIOD OF TIME.

### WAKING THE REMOTE AND USING THE LAMP

1. TO WAKE THE REMOTE: PRESS SETTING UP DOWN, OR BACK.
2. TO TURN ON THE LAMP: PRESS FN AND UP AT THE SAME TIME. THE LAMP STAYS ON FOR 30 SECONDS.

### USING THE REMOTE

PROGRAMMING THE LIGHT IS A TWO-PART PROCESS

1. CHANGE THE SETTINGS ON THE REMOTE.
2. SEND THE SETTINGS TO THE LIGHT THE LIGHT DOES NOT CHANGE UNTIL YOU SEND THE SETTINGS.

### CHANGING SETTINGS

1. PRESS UP OR DOWN TO SCROLL THROUGH THE SETTING SCREENS.
2. PRESS SETTING. A BLINKING CURSOR APPEARS ON A SETTING VALUE.
3. PRESS UP TO INCREASE THE VALUE OR DOWN TO DECREASE IT.
4. PRESS SETTING TO CONFIRM THE VALUE. THE CURSOR MOVES TO THE NEXT SETTING.
5. REPEAT STEPS 3 AND 4 FOR EACH SETTING YOU WANT TO CHANGE.
6. PRESS BACK TO EXIT SETTING MODE.
7. SEND THE NEW SETTINGS TO THE LIGHT.

## REMOTE CONTROL OPERATION

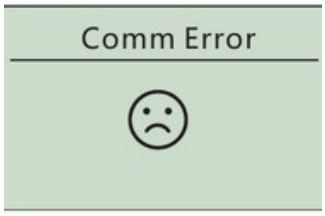
### SENDING SETTINGS TO THE LIGHT

1. STAND WITHIN 23 FT OF THE LIGHT, WITH A CLEAR LINE OF SIGHT.
2. AIM THE REMOTE AT THE LIGHT'S CHARGE CONTROLLER.
3. PRESS SEND.
4. KEEP THE REMOTE AIMED AT THE LIGHT UNTIL THE RESULT APPEARS. IF YOU MOVE THE REMOTE AWAY TOO SOON, THE SETTINGS MAY NOT BE SENT.

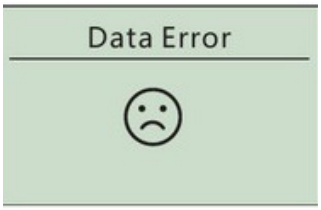
### RESULT

1. SUCCESS: THE SCREEN SHOWS "SEND SUCCESSFUL," AND THE REMOTE GIVES ONE LONG BEEP.
2. FAILURE: THE SCREEN SHOWS "COMM ERROR," AND THE REMOTE GIVES THREE SHORT BEEPS. AIM THE REMOTE AND TRY AGAIN.
3. SETTING PROBLEM: IF A SETTING SUCH AS BATTERY TYPE, LOAD CURRENT, OR A VOLTAGE SETTING IS INCORRECT, THE SCREEN SHOWS "DATA ERROR," AND THE REMOTE GIVES THREE SHORT BEEPS.

SUCCESS



COMM ERROR



DATA ERROR

### USE THIS FUNCTION TO CHECK THAT THE LIGHT TURNS ON.

1. AIM THE REMOTE AT THE LIGHT'S CHARGE CONTROLLER.
2. PRESS TEST. THE LIGHT TURNS ON.
3. TEST MODE LASTS 1 MINUTE. AFTER 1 MINUTE, THE LIGHT RETURNS TO NORMAL OPERATION.

## REMOTE CONTROL OPERATION

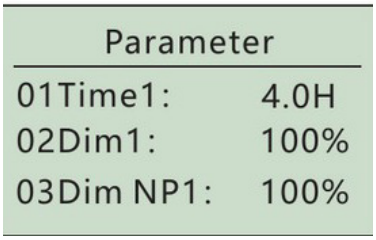
### READING THE LIGHT SETTINGS

USE THIS FUNCTION TO SEE THE SETTINGS CURRENTLY STORED IN THE LIGHT.

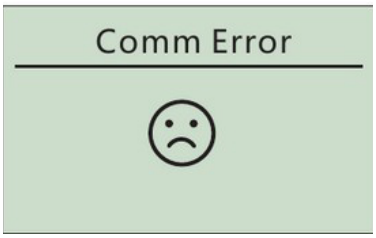
1. AIM THE REMOTE AT THE LIGHT'S CHARGE CONTROLLER.
2. PRESS DATA.

**IF THE READ IS SUCCESSFUL:** THE REMOTE GIVES ONE LONG BEEP AND SHOWS THE LIGHT'S SETTINGS. PRESS UP OR DOWN TO SCROLL. PRESS BACK TO RETURN TO THE PREVIOUS SCREEN.

**IF THE READ FAILS:** THE SCREEN SHOWS "COMM ERROR," AND THE REMOTE GIVES THREE




READ SUCCESSFUL (EXAMPLE VALUES)




READ FAILED

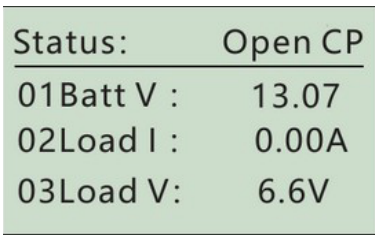
### CHECKING THE LIGHTS STATUS

USE THIS FUNCTION TO SEE HOW THE LIGHT IS OPERATING, SUCH AS BATTERY VOLTAGE AND LOAD CURRENT.

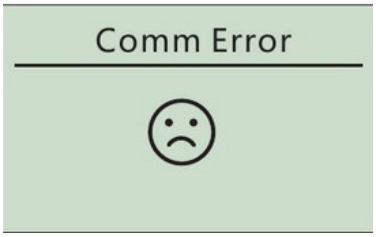
1. AIM THE REMOTE AT THE LIGHT'S CHARGE CONTROLLER.
2. PRESS STATUS.

**IF THE READ IS SUCCESSFUL:** THE REMOTE GIVES ONE LONG BEEP AND SHOWS THE LIGHT'S SETTINGS. PRESS UP OR DOWN TO SCROLL. PRESS BACK TO RETURN TO THE PREVIOUS SCREEN.

**IF THE READ FAILS:** THE SCREEN SHOWS "COMM ERROR," AND THE REMOTE GIVES THREE SHORT BEEPS. AFTER 4 SECONDS, THE REMOTE RETURNS TO THE PREVIOUS SCREEN.




READ SUCCESSFUL (EXAMPLE VALUES)




READ FAILED

**NOTE:** WHILE SETTINGS OR STATUS READINGS ARE ON THE SCREEN, THE SEND BUTTON DOES NOT WORK. PRESS BACK TO EXIT FIRST. THEN SEND WORKS AGAIN.

## REMOTE CONTROL OPERATION

### DORMANCY MODE

DORMANCY MODE PUTS THE LIGHT'S CHARGE CONTROLLER INTO A SLEEP STATE.

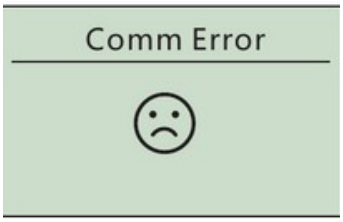
1. AIM THE REMOTE AT THE LIGHT'S CHARGE CONTROLLER.
2. PRESS DORMANCY. THE REMOTE GIVES ONE SHORT BEEP, AND THE TOP OF THE SCREEN CHANGES FROM "SETTING" TO "DORMANCY OK."

IF THE SCREEN SHOWS "COMM ERROR" AND THE REMOTE GIVES THREE SHORT BEEPS, THE CHARGE CONTROLLER DID NOT ENTER DORMANCY MODE. SHORT BEEPS. AFTER 4 SECONDS, THE REMOTE RETURNS TO THE PREVIOUS SCREEN.

### TO TAKE THE LIGHT OUT OF DORMANCY MODE

1. AIM THE REMOTE AT THE LIGHT'S CHARGE CONTROLLER.
2. PRESS TEST. THE REMOTE GIVES ONE SHORT BEEP, AND THE TOP OF THE SCREEN SHOWS "TEST SUCCESSFUL."

DORMANCY OK




COMM ERROR

TEST SUCCESSFUL

## REMOTE CONTROL OPERATION

### LIGHT SETTINGS

TO CHANGE THESE SETTINGS, FOLLOW THE STEPS IN SECTION 5.1. THEN SEND THE SETTINGS TO THE LIGHT.

**HOW THE SCHEDULE WORKS:** THE LIGHT'S OPERATING SCHEDULE IS DIVIDED INTO TIME PERIODS. FOR EACH PERIOD, YOU CAN SET

**TIME (TIME1–TIME4):** HOW LONG THE PERIOD LASTS.

**DIM (DIM1–DIM4)**: THE LIGHT'S BRIGHTNESS DURING THE PERIOD. ON LIGHTS WITH A MOTION SENSOR, THIS IS THE BRIGHTNESS WHEN MOTION IS DETECTED.

**DIM NP (DIM NP1–DIM NP4):** THE BRIGHTNESS DURING THE PERIOD WHEN NO MOTION IS DETECTED. APPLIES ONLY TO LIGHTS WITH A MOTION SENSOR.

**USER ADJUSTABLE SETTINGS**

| NO. | SETTING | RANGE | INCREMENT | FACTORY DEFAULT |
|---|---|---|---|---|
| 01 | TIME1[1] | 0–6.5 HOURS, 24H, OR D2D | 0.5 HOUR | 3 HOURS |
| 02 | DIM1 | 0%–100% | 10% | 100% |
| 03 | DIM NP1[2] | 0%–100% | 10% | 80% |
| 04 | TIME2 | 0–7.5 HOURS | 0.5 HOUR | 2.0 HOURS |
| 05 | DIM2 | 0%–100% | 10% | 80% |
| 06 | DIM NP2[2] | 0%–100% | 10% | 30% |
| 07 | TIME3 | 0–7.5 HOURS | 0.5 HOUR | 7.5 HOURS |
| 08 | DIM3 | 0%–100% | 10% | 80% |