

INSTRUCTION - LED 5.9in SQUARE BOLLARD LIGHT

EDITION: ED2023YA

ITEM: ANDERS SQ-MSA150A-20W

FIXTURE: FLC-L480
PSA-L282

FIXING: [FNE-L150]

INTRODUCTION

Housing: Aluminum Housing, Glass Diffuser.

Electrical: LED color temperature is white/red/green/blue/white. Inner housing pre-wired with waterproof junction box.

Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of "GUBO". For the most current technical data, please refer to "GUBO".

Finish: Silver or Black or White. Custom colors are available.

CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP65.



CAUTION

- 1) Basic safety precautions should always be followed: **READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**
- 2) Should be installed by authorized person. And Servicing of this equipment should be performed by qualified personnel.
- 3) 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.
- 4) FOLLOW ANY SPECIFIC INSTRUCTIONS ON LUMINAIRE LABELS
- 5) Before starting of installation please read this INSTRUCTION carefully and keeps it well.
- 6) Do not mount near heaters or hot surfaces.
- 7) Should be mounted in locations where it will not be readily subject to tampering by unauthorized personnel.
- 8) The use of accessory equipment is not recommended by the manufacturer as it may cause an unsafe condition.
- 9) Do not use this equipment for other than its intended purpose.
- 10) If there is any broken, please should not use it.
- 11) MIN 60°C SUPPLY CONDUCTORS.
- 12) This luminaires may be damaged if connected to conduit systems containing water - Article 300-5G of National Electric Code requires that "Conduits or raceways through which moisture may contact energized live parts shall be sealed or plugged at either or both ends".
- 13) WARNING: LEDs are high quality electrical components. Please avoid touching them directly during installation.

Tools Required:

Screwdriver
Drilling Machine
Hex Key
Wrench

SPECIFICATION SHEET: Specify the item number from the label/mark on the product.

"T": The column 'T' in this chart indicates the temperature in degrees Celsius which is reached on the center of the glass surface during operation. Surface temperatures are for exterior applications, for interior applications add 10°C to temperatures shown.

"D": The column 'D' in this chart indicates the dimming type

"C": The column 'C' in this chart indicates the number of conductor of Flexible Cords.

"(S)": Rubber coated Shield Dimming Signal Cords.

Weight: 5kgs (11lbs)

IP65 IK06



NO.	ITEM	LED	INPUT	D	T	C
1.	GTG5121A-MSA150A-12W-3000K	10.8W, 3000K	AC100~277V, 12W	NON	43°C	3C
2.	GTG5121A-MSA150A-20W-2700K	18W, 2700K	AC100~277V, 20W	NON	48°C	3C
3.	GTG5121A-MSA150A-25W-3000K	21.6W, 3000K	AC100~277V, 25W	NON	51°C	3C
4.	GTG5121A-MSA150A-30W-3000K	25.2W, 3000K	AC100~277V, 30W	NON	55°C	3C
5.	GTG5121A-MSA150A-20W-3000K-CDV	18W, 2700K	AC100~277V, 20W	0~10V	48°C	3C+2C(S)
6.	GTG5121A-MSA150A-20W-3000K-CDT	18W, 2700K	AC100~277V, 20W	Triac	48°C	3C
7.	GTG5121A-MSA150A-20W-3000K-CDA	18W, 2700K	AC100~277V, 20W	Dali	48°C	3C+2C(S)
8.	GTG5121A-MSA150A-20W-TW-CDP	18W, CCT	DC24V, 20W	PWM	52°C	3C
9.	GTG5121A-MSA150A-20W-RGBW-CDP	18W, RGBW	DC24V, 20W	PWM	52°C	5C
10.	GTG5121A-MSA150A-20W-RGBW-CDX	18W, RGBW	DC24V, 20W	DMX512	52°C	2C+3C(S)

Installation:

1. Construction requirements:
Provide a minimum 6" (150mm) thick Cement solid ground.
NOTE: Put the power cord in the installation position.
NOTE: The required length of power cord is minimum 500mm/20".
2. Installation on Solid Surface
Drill four $\Phi 13.5 \times 125$ mm holes on the mounting place according the drawing (Fig.3).
Insert M10x150mm expansion bolt into the hole (Fig.4).
3. Disassemble the luminaire body (Fig.2).
3.1. Loosen four hex M5 bolt by 3mm spanner, then take off the "FLC".
3.2. Loosen four hex M5 bolt by 3mm spanner, then take off the holder.
4. Fix the [Holder]: Fix the luminaire by four M10 nuts. (Fig.5)
5. Fix the [PSA]: Fix the bollard onto the holder by four M5 bolts. (Fig.6)
6. Connect the cables of luminaire to IP68 waterproof wiring box. (Fig.7)
NOTE: Make supply wiring and cable connections inside waterproof wiring box.
NOTE: Follow the signs to identify the wires on the light fixture.
NOTE: Tighten the cable gland and fix the cover by wrench (Fig.7)
- (6.1) INPUT AC100~277V POWER:
MAIN VOLTAGE SUPPLY WIRE: BLACK or BROWN LUMINAIRE WIRE
NEUTRAL (COMMON) SUPPLY WIRE: WHITE or BLUE LUMINAIRE WIRE
GREEN GROUND WIRE: GREEN/YELLOW LUMINAIRE WIRE
0/1-10V Dimming (if applicable):
DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE
- (6.2) INPUT DC24V POWER and DMX512 Signal: (if applicable)
POSITIVE DRIVER WIRE (+): RED WIRE
NEGATIVE DRIVER WIRE (-): BLACK WIRE
GREEN GROUND WIRE: GREEN/YELLOW LUMINAIRE WIRE
- (6.3) INPUT DC24V POWER and RGB(+) and RGBW(+): (if applicable)
POSITIVE DRIVER WIRE (+): BLACK.
RED LED WIRE (-): BROWN WIRE.
GREEN LED WIRE (-): GREEN/YELLOW WIRE.
BLUE LED WIRE (-): BLUE WIRE.
WHITE LED WIRE (-): PURPLE WIRE or WHITE WIRE.
7. Fix the [FLC]: Fix the [FLC] on the [PSA] by four M5 bolts. (Fig.2)
NOTE: Put the power wire through the bollard.
8. Remove the operation materials.

PRODUCT DIMENSION: [UNIT: MM]

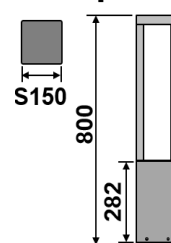


Fig.1

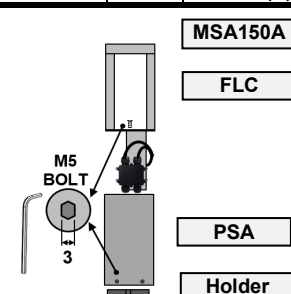


Fig.2

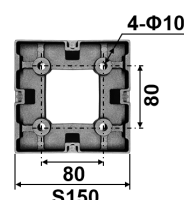


Fig.3 (Holder)

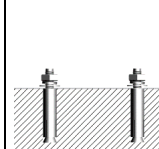


Fig.4



Fig.5

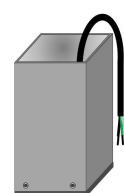


Fig.6

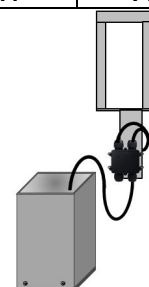


Fig.7