LED AREA SERIES POST TOP

POWER / COLOR ALL IN ONE

PRODUCT DESCRIPTION

The area series has the high-performance solution for the most demanding applications within a unique design. With different precision refractive optical lens and an easy-install design, it can be used in many applications such as pedestrian street, factory, schools, garden, courtyard, hotel, parking lot, public parks, etc.

FEATURE

Air cooling design
IP67 rated enclosure
Post top or Pendant Mounting
Superior low-glare illumination
Optional with photocell
Optional black, white or bronze color

Notes: Customers can choose a lamp with a baffle as needed.
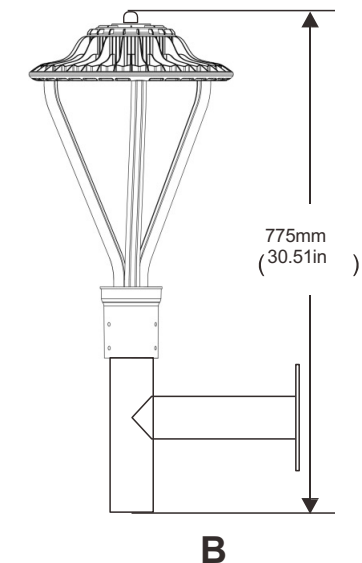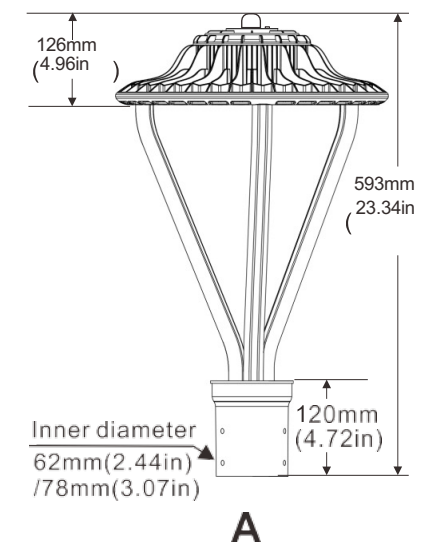Special order-ask customer service.

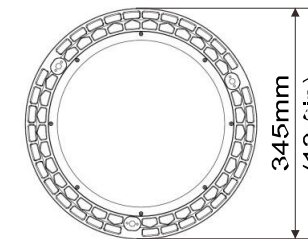*If the costumer does not specify a requirement, the inner diameter defaults to 62mm

Adjustable power
Adjustable color temperature

345mm (13.6in)

126mm (4.96in)

593mm (23.34in)

775mm (30.51in)

Inner diameter
62mm(2.44in)
/78mm(3.07in)

120mm (4.72in)

A

B

LED AREA SERIES POST TOP

ORDERING INFORMATION

Area series	Watts	Version	CCT	Voltage	Control	Installation	Beam Angle	Color
BB-LD	30W/50W/75W (All in one)	3 in 1	Blank	Blank - 100-277VAC	Blank - Photocell Sensor	Blank - 2.4"(62mm)pole	Blank - TypeV	Blank - Bronze
			3000K				T2-Type II	WH - white
			4000K	HV-200-480VAC	MS - Motion Sensor	P1 -3"(78mm)pole	T3 - TypeIII	BC - black
			5000K				T4 - TypeIV	
	75W/100W/120W/150W (all in one)		Optional					
			4000K					
			5000K					
			5700K					

ALINA LIGHTING SOLUTIONS

LED AREA SERIES POST TOP

PERFORMANCE DATA

Power	30W/50W/75W	75W/100W/120W/150W
Model	BB-LD-(60~75W)-AR-CWT	BB-LD-(75~150W)-AR-CWT
Luminous Flux	30W=3900lm; 50W=6500lm;75W=9750lm	75W=9750lm;100W=13000lm;120W=15600lm;150W=19500lm
Replacment	30W=HPS 100W; 50W= HPS 150W 75W= HPS 200W	75W=HPS 150W;100W=HPS 300W;120W=HPS 400W;150W=HPS 450W
Light Source	SMD LED	
Luminous Efficacy	130lm/W	
Color	Bronze,Black, White (Standard Color is Bronze)	
Cover	Frosted Cover	
Accessories	Options: A.Pole Bracket B. Wall Bracket C. Wall baffle	
DLC Certification	Type A DLC Listed	
Operating Temperature	-40 to +45C	
CCT	3000K/4000K/5000K All in one. Optiopn: 4000K/5000K/5700K	
CRI	80+	
Life Span	50,000 hours at 25C	
Voltage	100-277VAC/50-60HZ	
Driver	UL llsted Power supply	
Dimming	No	
With Sensor	Photocell	
Beam Angle	120 Degree	
IP	67	
PF	>0.95	
Warranty	3/5 years	

External Photocell Sensor
(Manual operation)

Built-in Photocell Sensor
(Remote control)

ALINA LIGHTING SOLUTIONS

LED AREA SERIES POST TOP

PROJECTS

By using our 50w area light to replace 150w metal halide bulb for parking area lighting fixtures, the customer is now able to save a lot per month from his electric bill
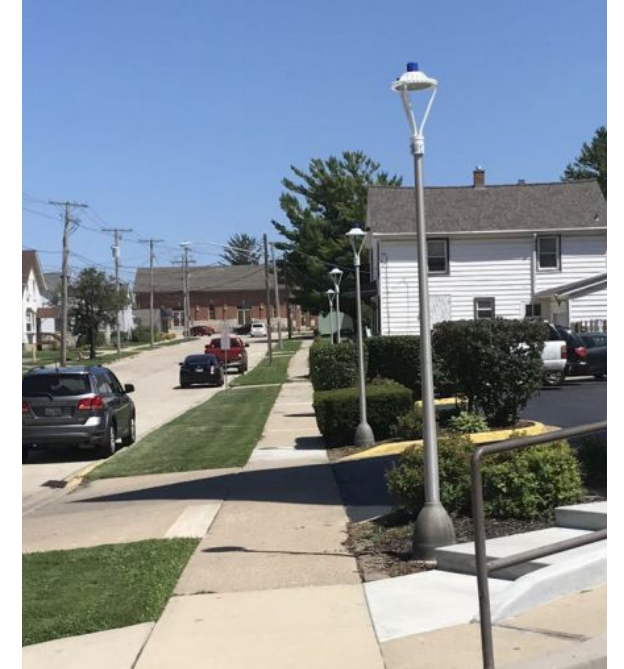
APPLICATION

- o   Courtyard lighting
- o   Public parks lighting
- o   Street escapes lighting
- o   Parking areas lighting
- o   Hotel lighting

Notes:
1.   Don't take the LED lamp apart.
2.   The LED lamp must work under the right voltage according to the specification.

50W

Replace
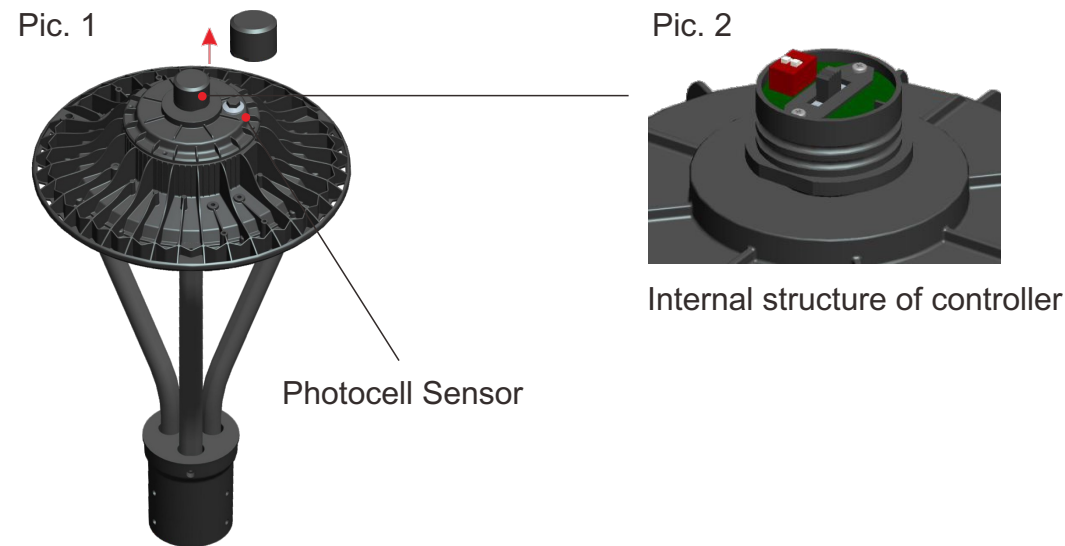
150W

Street escapes lighting

Hotel lighting

Public parks lighting

LED AREA SERIES POST TOP

ADJUSTABLE POWER, ADJUSTABLE COLOR TEMP CONTROLLER INSTRUCTIONS (manual operations)

- Pull out the controller cover firmly upwards (see pic. 1)
- Adjust the power in zone A and adjust the color temperature in zone B. The factory default power is 75W and the color temperature is 5000K (see pic. 2)

Pic. 1

Photocell Sensor

Pic. 2

Internal structure of controller

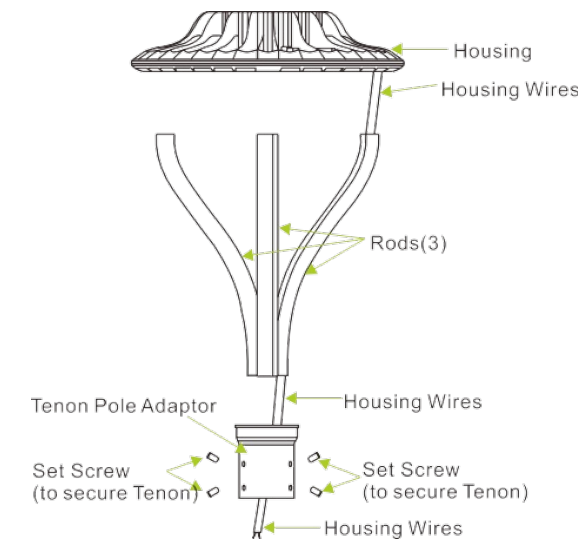## INSTRUCTIONS FOR ADJUSTING THE POWER (ZONE A):

30W/50W/75W	75W/100W/120W/150W
30W: A1 to OFF, A2 to ON,picture 4. 50W: A1 to ON, A2 to OFF, picture 3. 75W: A1 to ON, A2 to ON.	75W: A1 to OFF. A2 to OFF 100W: A1 to ON. A2 to OFF 120W: A1 to OFF. A2 to ON. 150W: A1 to ON, A2 to ON.

INSTRUCTIONS FOR ADJUSTING THE COLOR TEMPERATURE (ZONE B):

3 gears adjustment: B3=3000K, B2=4000K, B1=5000K. The factory default is 5000K (B1). When adjusting the color temperature, just pull the button to the corresponding position.

FIXTURE ASSEMBLY

- Feed the (3) housing wires through one of the three rods.
- Clip the (3) rods onto the housing. Be sure the housing clips are properly engaged onto the Rods.
- Feed fixture wires through the Tenon pole adaptor.
- Slide Tenon pole adaptor on three rods. Be sure the notches face the inside of the Tenon pole adaptor.
- Tighten the (3) set screws at the Tenon pole adaptor to secure rods.

Housing
Housing Wires
Rods(3)
Tenon Pole Adaptor
Housing Wires
Set Screw (to secure Tenon)
Set Screw (to secure Tenon)
Housing Wires

HOW TO USE PHOTOCELL SENSOR

- Open the photocell sensor function: remove the photocell sensor cover.
- Close the photocell sensor: close the photocell sensor cover.

A   B

②   ③   ④
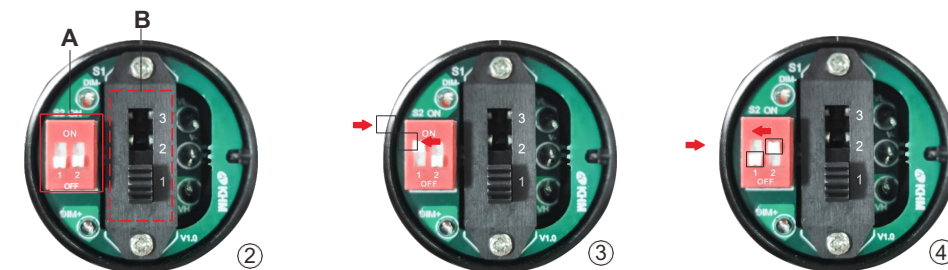
LED AREA SERIES POST TOP

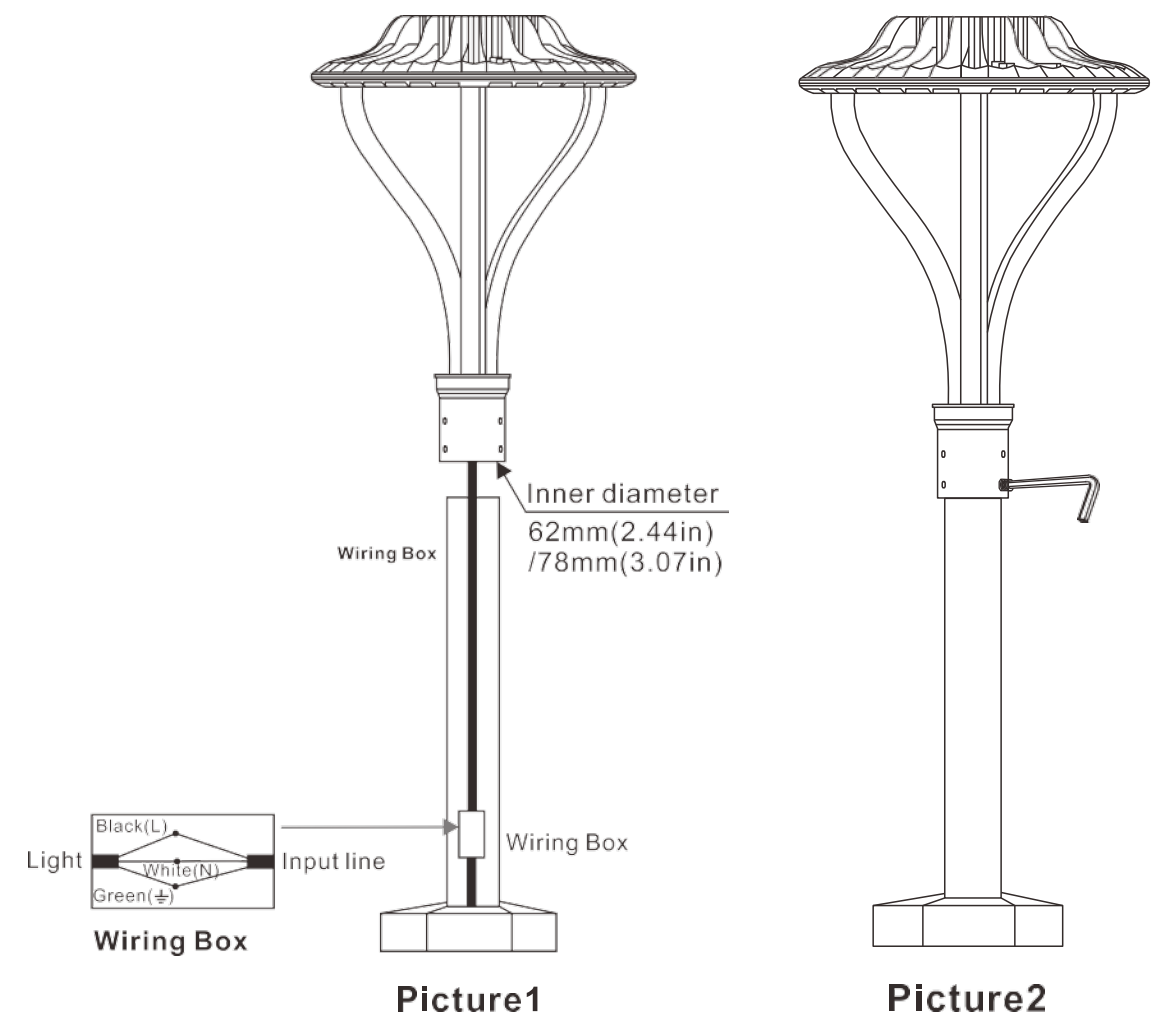## BUILT-IN PHOTOCELL SENSOR REMOTE CONTROL INSTRUCTIONS

HOW TO USE THE REMOTE CONTROL

Turning off the light will force the photocell sensor to turn on, and turning on the light will force the photocell sensor to turn off.When the power is on for the first time the light flashes once to indicate that the photocell sensor is off, and when the light is normally on, the photocell sensor is on.
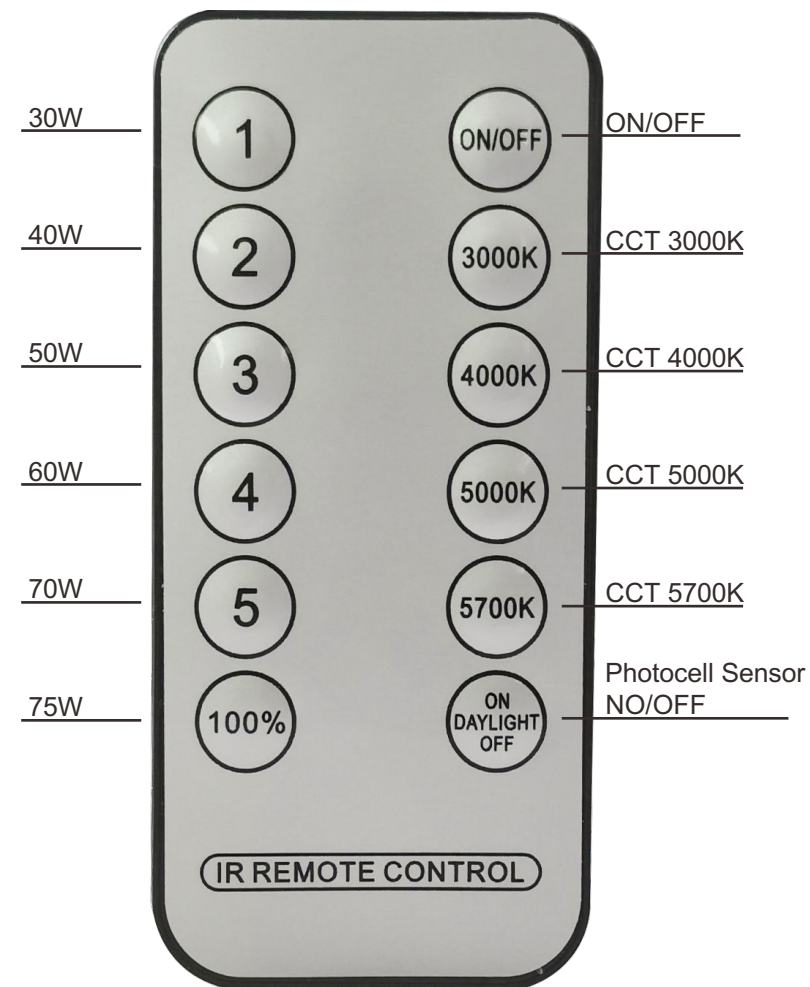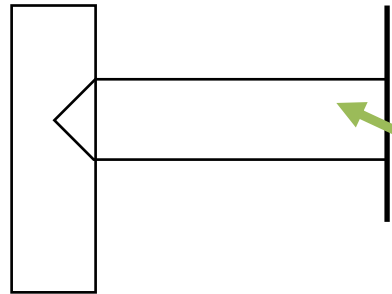
POLE MOUNTING

o   Turn off the power before installation.
o   Wiring right in the wiring box ("Black" is connected "L", "White" connects to "N", "Green" connects to "Ground") and set the lamp into the bracket by the hole (pic. 1)
o   Fasten the four screws with a hex wrench and finish (pic. 2)

30W	1	ON/OFF — ON/OFF
40W	2	3000K — CCT 3000K
50W	3	4000K — CCT 4000K
60W	4	5000K — CCT 5000K
70W	5	5700K — CCT 5700K
75W	100%	ON DAYLIGHT OFF — Photocell Sensor NO/OFF

IR REMOTE CONTROL

Wiring Box

Inner diameter 62mm(2.44in) /78mm(3.07in)

Black(L)
White(N)
Green(⏚)
Light   Input line
Wiring Box
Wiring Box

Picture1

Picture2

LED AREA SERIES POST TOP

WALL MOUNTING
Wall bracket

LUMINOUS INTENSITY DISTRIBUTION

UNIT:cd
— C0/180,130.9
— C90/270,132.1
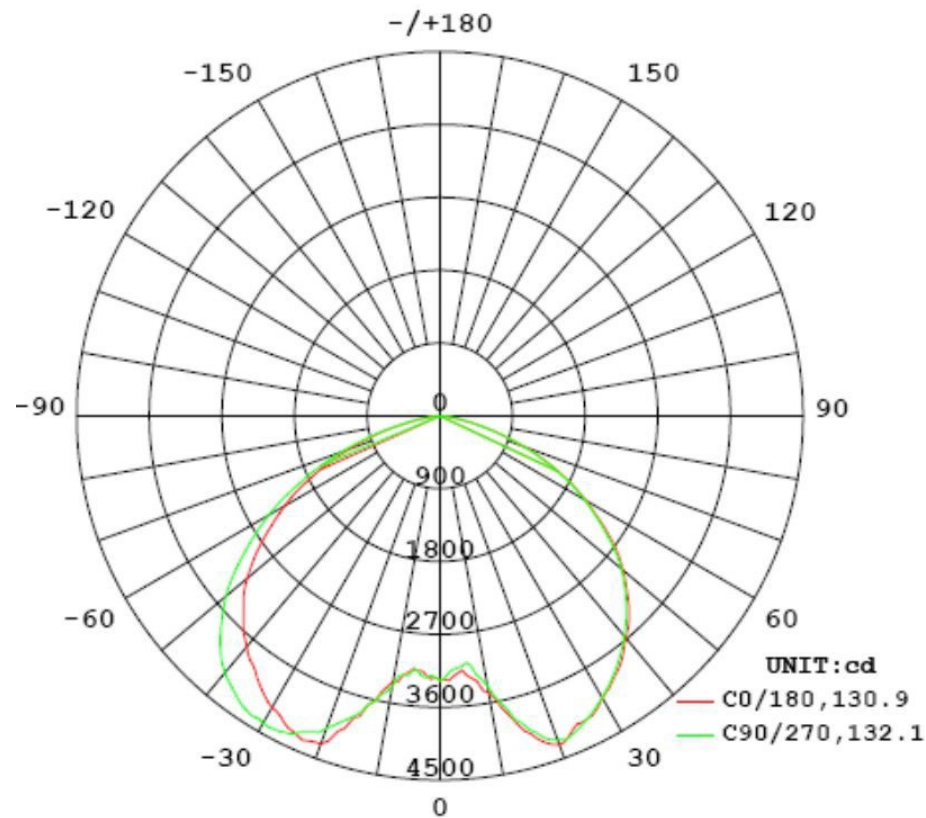
OPTIONAL ACCESSORIES

Unit: in(mm)

Motion Sensor

2.36(60)
10.47(266)
5.91(150)
11.22(285)
203-000188
Wall Bracket

Baffle
203-000178
With a Baffle

2.36(60)
3.74(95)
203-000102
MGD03(2.4" to 3.5" round pole)

2.36(60)
4.53(115)
203-000104
MGD04(2.4" to 3" square or 4" round pole)

2.36(60)
5.91(150)
203-000124
MGD08(2.4" to 4" square or 5.5" round pole)

2.36(60)
203-000128
MGD09(2.4" to 6.5" round pole)

2.36(60)
4.33(110)
203-000154
MGD11(2.4" to 3" square or 4" round pole)

2.36(60)
3.15(80)
203-000132
MGD10(2.4" to 3" square pole)

2.36(60)
4.33(110)
203-200017
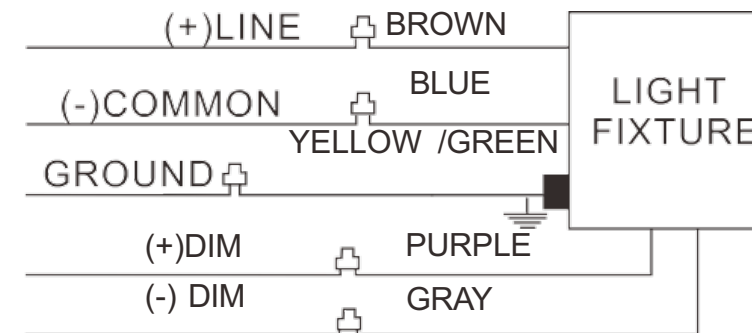MGD12(2.4" to 4" square pole)

LED AREA SERIES POST TOP

WIRING

US
Connect the black fixture lead to the (+) LINE supply lead
Connect the white fixture lead to the (-) COMMON supply lead
Connect the green ground wire from fixture to supply ground
Connect the purple fixture lead to the (+) dimmer
Connect the gray fixture to the (-) dimmer

```
(+)LINE        BLACK
(-)COMMON      WHITE        LIGHT
GROUND     GROUND          FIXTURE
(+)DIM         PURPLE
(-) DIM        GRAY
```
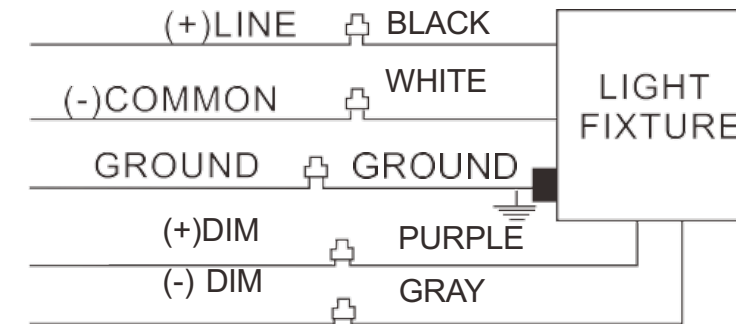
EU
Connect the brown fixture lead to the (+) LINE supply lead
Connect the blue fixture lead to the (-) COMMON supply lead
Connect the yellow/green ground wire from fixture to supply ground
Connect the purple fixture lead to the (+) dimmer
Connect the gray fixture lead to the (-) dimmer

```
(+)LINE        BROWN
(-)COMMON      BLUE         LIGHT
            YELLOW /GREEN   FIXTURE
GROUND
(+)DIM         PURPLE
(-) DIM        GRAY
```

PACKING INFO

Item	Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
Lamp	1pc/CTN	17.3"X15.0"X?.9" 440*380*200mm	11.0lbs 5.0kg	13.9 lbs 6.3kg	15.4 lbs 7.0kg
Wall bracket	1pc/CTN	14.2"X10.4"X7.3" 360*265*185mm	5.1lbs 2.3kg	8.2 lbs 3.7kg	10.2 lbs 4.6kg

ALINA LIGHTING SOLUTIONS