

## 1. Features



- Daylight harvesting function, automatically adjust the brightness according to the natural light of external environment.
- Double input L N E terminal , easy for the user to connect.
- 5 years warranty

## 2. Parameter

<b>Input</b>	Operating voltage range	198-264V AC 50Hz/60Hz
	Rated voltage	220-240V AC 50Hz/60Hz
	Input Current	0.5A
	Input Inrush Current	25A (50% $I_{peak}$ , $t_{width}=500\mu S$ , 230Vac full load, cold start);
	Power Factor	$\geq 0.9$
	Idle load Power	$\leq 1.8W$
	Stand-by Power	$\leq 1.8W$
	Working efficiency	85% Max.
	Surge test	L N: 1KV
<b>Output</b>	Operating mode	Constant current
	Load type	LED
	Type of Load	40W
	Flicker requirements	<input type="checkbox"/> Flicker free (Ripple requirement: ) <input checked="" type="checkbox"/> Flicker
	No-load output voltage	52V DC
	Load output current	700mA(30-48V)/750mA(30-48V)/800mA(30-48V)/850mA(30-48V)/900mA(30-46V)/950mA(30-40V)/1000mA(30-40V)/1050mA(30-40V)
	Load output voltage	30-48V DC
	Constant current/voltage accuracy	Constant current $\pm 5\%$
<b>Sensor Parameters</b>	Daylight harvesting	100Lux/150Lux/200Lux/250Lux/300Lux/350Lux/400Lux/450Lux
	Mounting height	2.5-3m
<b>Abnormal Protection Requirements</b>	Output overload protection	Yes
	Output over-temperature protection	Yes
	Output short circuit protection	Yes
<b>Operating Environment</b>	Operating temperature/humidity	-25°C ... +45°C
	Storage temperature/humidity	85°C

	Case Max. Temp(Tc)	-40℃...+80℃ humidity:85% (Non-condensing)
<b>Certificate Standards</b>	Withstand voltage	3750V AC 5mA 60S (Input“L N”– output“SEC+ SEC- 1-10V ”)
	Safety standard	EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6
	EMC standard	EN55015, EN61000-3-2, EN61000-3-3, EN61547
	Environmental protection requirements	Compliant to RoHS
	Certification	CE
<b>Others</b>	Input/output(terminal/wiring) type	0.75-1.5mm <sup>2</sup>
	IP rating	IP20
	Protection class	Class II
	Installation type	Independent installation
	Installation dimension	202X58X30mm
	Package	Bubble bags+ Clapboard +Outer Carton (K=A)
	Net weight	222.5g
	Lifespan	5 years warranty @Ta 230V full load

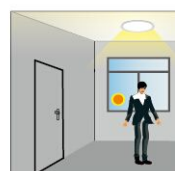
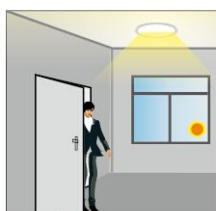
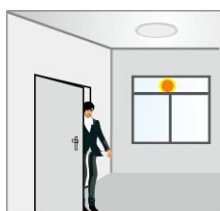
Note:

1. “N/A” means not available.

2. Detection area is affected on volume of motion object and motion speed. The detection area is tested by a 165cm height person and walking speed is 0.5m/s.

## 3.Function

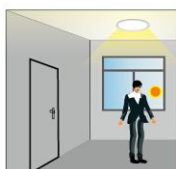
### 1)Daylight Harvesting



① When the ambient light is higher than the present illumination level, the light will not be switched on.

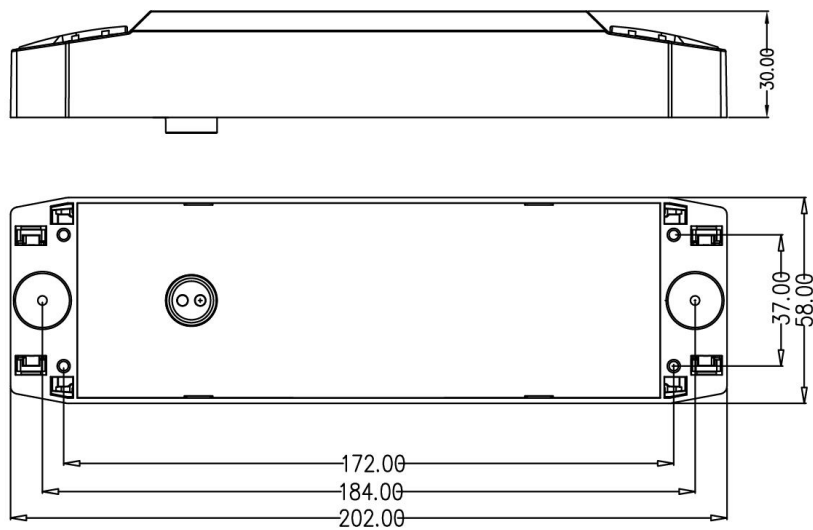
② When the ambient light level is below the present illumination level, the light will be switched on.

③ The light dims to maintain the present illumination level against the natural ambient light.

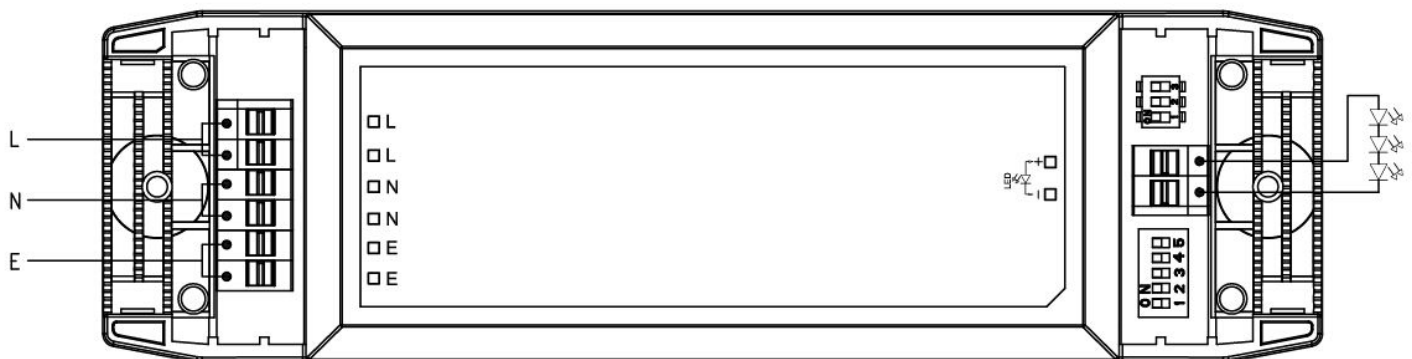


④ When there is sufficient ambient light, the light will be switched off.

## 4. Dimension (mm)

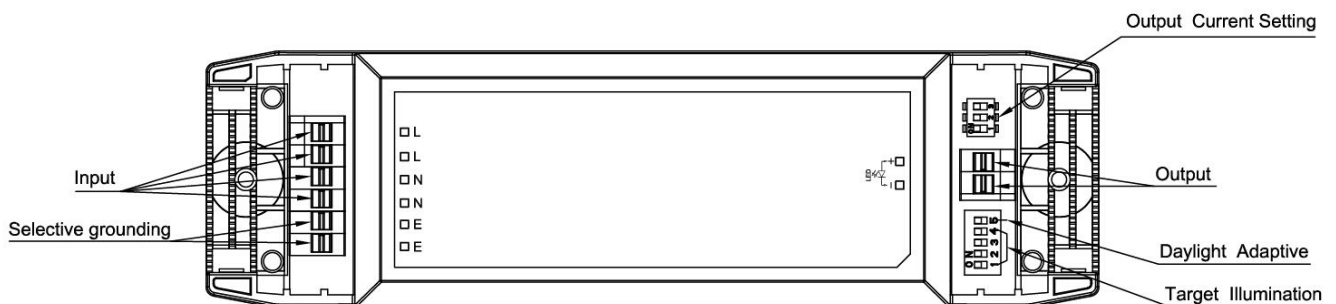


## 5. Wiring



\*The sensor is designed for connect one load only. Connect more than one loads may damage the sensor.

## 6. Structure



## 8. DIP Switch Setting

### 1 ) Target Illumination

Target Illumination (SW1)				
	1	2	3	4
450Lux	ON	ON	ON	ON
400Lux	ON	ON	ON	-
350Lux	ON	ON	-	ON
300Lux	ON	ON	-	-
250Lux	ON	-	ON	ON
200Lux	ON	-	-	-
150Lux	-	ON	ON	-
100Lux	-	-	-	-

### 2 ) Daylight Adaptive

	5	
I	ON	Active*
II	-	Disable*

\*The product can achieve daylight adaptive control when the DIP switches to Active.

\*The product works as normal driver when the DIP switches to Disable.

### 3 ) Output Current Setting

Output Current Setting(SW2)			
	1	2	3
1050mA/30-40V	ON	ON	ON
1000mA/30-40V	ON	ON	-
950mA/30-40V	ON	-	ON
900mA/30-46V	ON	-	-
850mA/30-48V	-	ON	ON
800mA/30-48V	-	ON	-
750mA/30-48V	-	-	ON
700mA/30-48V	-	-	-

## 9. Factory Setting

Output Current Setting:700mA; Target Illumination: 450Lux

## 10. Application Notice

1)The output current must be compatible with the actual lamp to avoid to damage the lamp.

## 11. Version Change

Version	Date	Description
A0	December 12, 2018	Released new product