

# WL80 SQ/SR Sensor

## LED Step Light





## Introduction

This compact design LED step light is specifically designed for use with cavity wall wiring boxes. It comes with a built-in driver and quick push terminal for effortless and speedy installation. Additionally, it can be easily looped in and looped out. With one light body offering four different clip-on trim options and two light shapes, it caters to a wide range of requirements. Moreover, it features a daylight and PIR sensor function for energy efficiency and enhanced lighting experiences. The 3CCT can be adjusted through an integrated dip switch, allowing you to save on stock SKU.

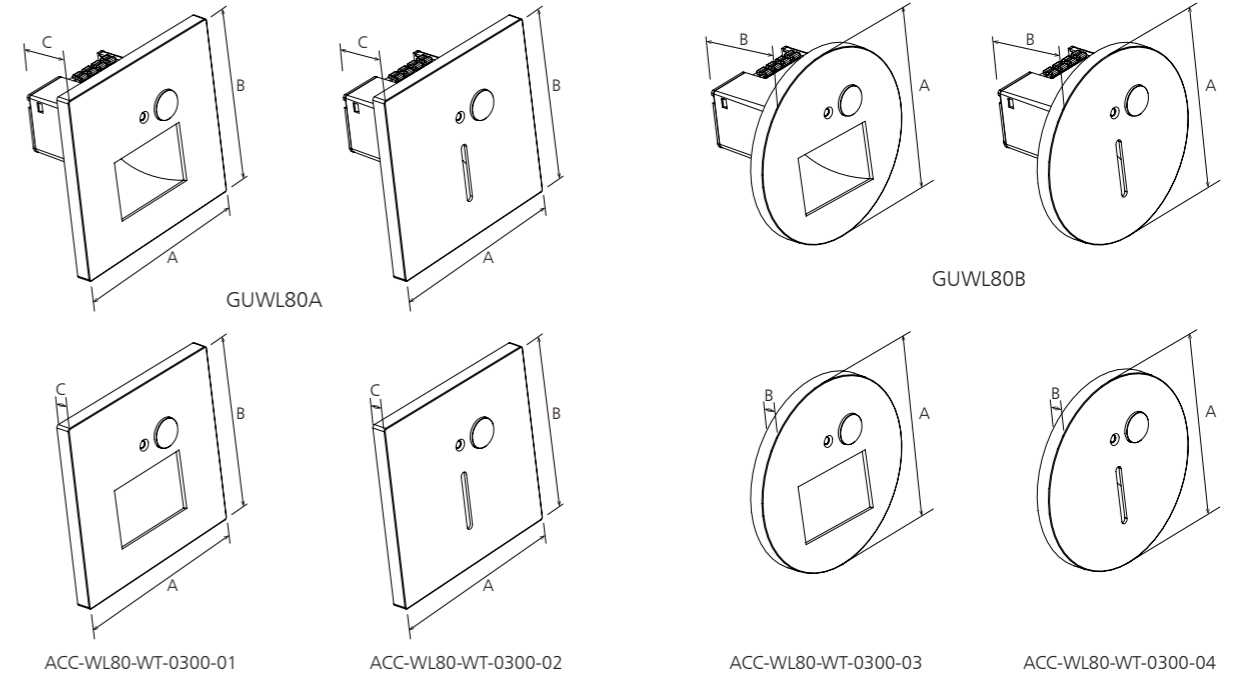
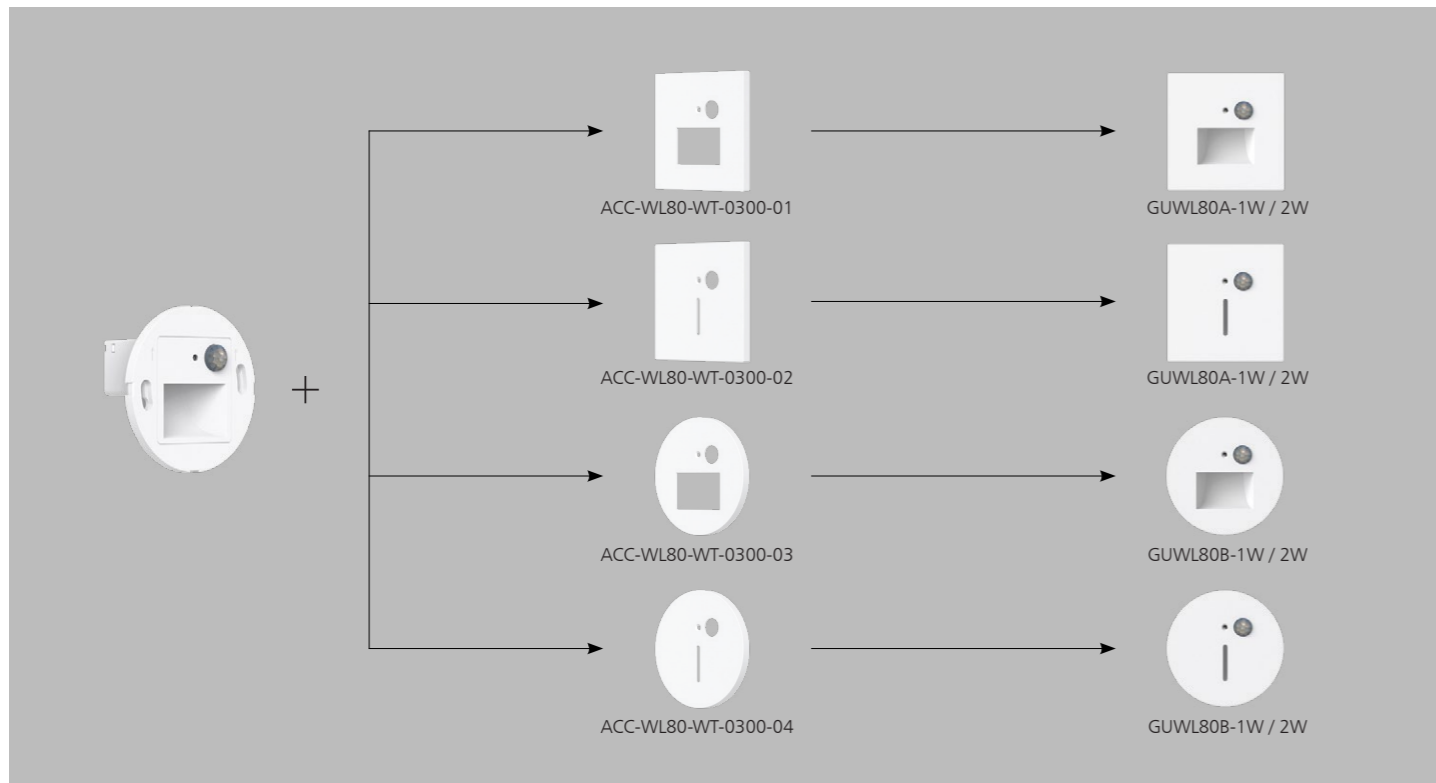
## Features

- Compact design, super slim with 41 mm height.
- Interchangeable CCT (3000K+4000K+5700K) with slide switch.
- Four types frames interchangeable, convenient for maintenance.
- IP44 in front part.
- Functions: Daylight sensor, PIR sensor.
- Internal flicker free driver.

## Application Areas

It is widely used in corridor, hotel, bar, stairway, bathroom, bedroom etc.





## Technical Data Sheet

Code No.	GUWL80A-1W	GUWL80A-2W	GUWL80B-1W	GUWL80B-2W		
Dimension(mm)	80*80*41mm	80*80*41mm	Ø80*41mm	Ø80*41mm		
Cutout (mm)	-					
Watt(W)	1W	2W	1W	2W		
Rated Input Voltage(V)	AC200-240V					
Input Voltage(V)	AC230V					
LED Module Input	-					
Light Source	SMD					
SDCM	<6					
CCT(K)	1-CCT: 3000K/4000K/5000K/5700K    3-CCT: 3000K + 4000K + 5700K					
CCT Selection DIP Switch	yes					
Luminous Flux (lm) ±5% (the square-hole)	Non-DIM	1-CCT	35-40	60-80	35-40	60-80
	DIM		-			
	Non-DIM	3-CCT	35-40	60-80	35-40	60-80
	DIM		-			
<b>The strip-hole light version lumen is only 10% of the square-hole light version</b>						
CRI	80					
Beam Angle (°)	90°(the square-hole) & 80°(the strip-hole)					
UGR	-					
LED Driver	Built-in					
Dimming Option	-					
Sensor	PIR sensor & Daylight sensor					
Emergency Kits	-					
Electrical Class	Class II					
Ingress Protection (IP Rating)	IP44 (Below Ceiling)					
Impact Resistance (IK Rating)	-					
Product Finishing(Base)	White RAL9016					
Materials of Optics	PC					
Materials of Housing	PC					
Lifetime (hr)	50,000h					
Glow wire test (°C)	650°C					
Operating Temp. (°C)	-20-30°C					
Storage Temp. (°C)	-20-60°C					
Installation	Recessed					

## Measurement

Code	Dimension(mm)			Size(mm)
	A	B	C	
GUWL80A-1W&2W	80	80	41	80*80*41
GUWL80B-1W&2W	Ø80	41	-	Ø80*41
ACC-WL80-WT-0300-01	80	80	6.2	80*80*6.2
ACC-WL80-WT-0300-02	80	80	6.2	80*80*6.2
ACC-WL80-WT-0300-03	Ø80	6.2	-	Ø80*6.2
ACC-WL80-WT-0300-04	Ø80	6.2	-	Ø80*6.2

## Driver Datasheet (Non-dimmable)

Total load wattage		1W	2W
Output	Output Voltage range	DC26-31V	
	Rated output current	19mA	39mA
	Line Regulation	±5%	
	Setup, Rise Time	0.5S	
	Flickering Index	3% (NO RISK)	
Input	Input Voltage	AC220-240V	
	Rated Input Voltage(V)	AC230V	
	Frequency	50/60Hz	
	Input Current	0.01A	0.02A
	Rated Input Current	0.007A	0.01A
	Power Factor	0.3	0.35
	THD	-	
	Efficiency	47% @230V	60% @230V
Protection	No load wattage	<0.5W @230V	
	Short circuit protection	PASS	
	Over voltage protection	PASS	
	Over temperature protection	PASS	
Safety & EMC	Withstand voltage	-	
	Isolation Resistance	-	
	Surge	IEC/EN61000-4-5( P<25W; L-N:500V)	
	EMC Emission	N55015, EN61000-3-2	
EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547		

# Datasheet (Sensor)

Sensor datasheet	
Operating voltage	DC4-12V
Microwave frequency	-
Detection angle	90°
Detection Area	1-3m
Hold time	30S
Daylight sensor	Ambient lux less than 15lux,if detected movement,then light up for 30S
Stand-by DIM Level	-
Stand-by Period	-
Dimming Range	-
Microwave ON/OFF function	-
Installation Height	0.2m
Operating temperature(°C)	-20°C~60°C

## Induction Range

