

12V AC LED Recessed Light  
for General Lighting



# Apeiron A1130

## 12V AC LED Recessed Light for General Lighting

### PRODUCT HIGHLIGHTS

- 4 Watts
- 12-15V AC Input
- Triac Compatible Dimming
- 3" Diameter
- Stainless Steel Construction
- Damp Location
- IC Rated

## SPECIFICATIONS

### SUITABLE ENVIRONMENTS



### LED COLORS

- Cool White
- Neutral White
- Warm White

### BEZEL FINISHES

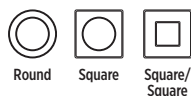
#### PVD Coated:

- Polished Chrome
- Polished Gold
- Brushed Nickel

#### Powder Coated:

- White
- Off-White
- Black

### BEZEL SHAPES



### BEAM ANGLES



### CERTIFICATIONS



## Features

### ■ RUGGED DESIGN

Stainless Steel bezel & springs, Anodized Aluminum heat sink housing, electronic regulation to the LED source, and sealed design ensure product longevity. Truly an engineered solution.

### ■ SMARTDRIVER INTEGRATED

i2Systems SmartDriver technology is integrated directly inside the fixture, providing 100% light output even with voltage drop.

### ■ ADVANCED OPTICAL SYSTEM

Even light, with no LED "dots" or pixilation, provides the halogen look without the intense heat and high power load.

### ■ STAINLESS STEEL TRIM WITH TITANIUM COATING

Round, square and square/square shapes, with six finish options. Physical Vapor Deposition (PVD) coating provides a very durable surface finish which will not tarnish or discolor.

### ■ BEAUTIFUL 3000K WARM WHITE

In addition to Cool (6500K) and Neutral (4100K) LED colors, the A1130 is available in 3000K warm white ready to complement any interior. With i2Systems AccuWhite technology, you can be sure from light to light and batch to batch, that the quality of light and color remain constant.

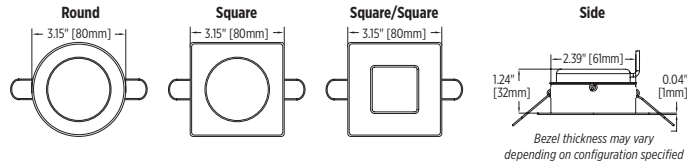


## SPECIFICATIONS

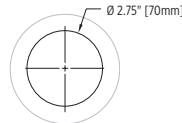
ITEM	PARAMETER	VALUE
Electrical	Input Power	4 Watts*
	Input Voltage Range	12-15V AC
	Integrated Driver	✓
	0-100% Dimming	✓
	Protection Features	Transient Protection, Autoreset Fuse
Optical	Emitting Angle	120° Full Angle
	LED Color	Cool White, Neutral White, Warm White
	LED Colors per Fixture	1
	Class	Class 2 LED Product
	Physical	Dimensions
Housing Construction		Aluminum, Stainless Steel
Lens Material		Tempered Glass, Frosted
Bezel Shapes		Round, Square, Square/Square
Finishes		<b>PVD Coated:</b> Polished Chrome, Polished Gold, Brushed Nickel <b>Powder Coated:</b> White, Off-White, Black
Mounting Method		Spring Clips, Stainless Steel
Operating Temp. Range		-20°C to 40°C, Max. Case Temp (Tc): 50°C
Humidity		0 to 95%, non-condensing
Environment		Dry, Damp
Certification		FCC Part 15, Class A, cULus, RoHS Compliant

\*Due to constant power design, input current (Iin) will vary depending on input voltage. Be sure to size wire awg accordingly for worst case input voltage.

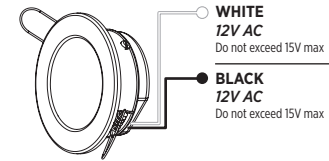
## DIMENSIONS



## MOUNTING

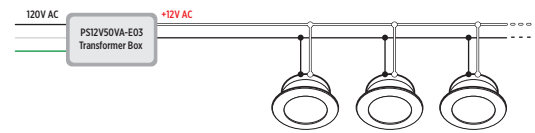


## WIRE FUNCTION



## INSTALLATION EXAMPLE

**Residential / Commercial EXAMPLE:** Shown with 50VA transformer and optional dimmer.



## ORDERING NUMBER

FACTORY NUMBER      EXAMPLE: **A1130Z-12CAB**  
 USER SELECTED OPTION      Polished Chrome Finish, Square Bezel, Warm White LED

**A1130Z** - \* \* \* **XXX**

**Product Type**      **Bezel Finish**      **Bezel Shape**      **LED Color**      **Color Bin Code**

**PVD Coated:**  
 1 Polished Chrome      1 Round      A Cool White  
 2 Polished Gold      2 Square      B Neutral White  
 4 Brushed Nickel      4 Square/Square      C Warm White

**Powder Coated:**  
 3 White  
 5 Off-White  
 6 Black

## ACCESSORIES

KEYWORD	ITEM NUMBER	DESCRIPTION	FIXTURE MAX
Trim Ring Extender	3120177-11 (Chrome)	Extends round bezel diameter to 3.75" for retrofit applications requiring a larger bezel.	
	3120177-21 (Gold)		
	3120177-31 (White)		
	3120177-41 (Nickel)		
	3120177-51 (Off-White)		
	3120177-61 (Black)		
50VA Transformer Box	PS12V50VA-E03	Transformer Box, Prewired Terminal Block, Zinc Plated Steel Housing with Cover, 50 VA, 12V AC, cULus Listed	Powers up to 9 Apeiron A1130
50VA Outdoor Transformer Box	PS242V50VA-E11	Outdoor Transformer Box, Onboard Circuit Breaker, Powdercoated Steel, 50VA, 12V AC, cULus Listed.	Powers up to 9 Apeiron A1130