ITEM | 11647 4" RGBW GIMBAL 9W DOWNLIGHT

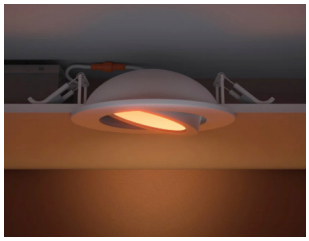
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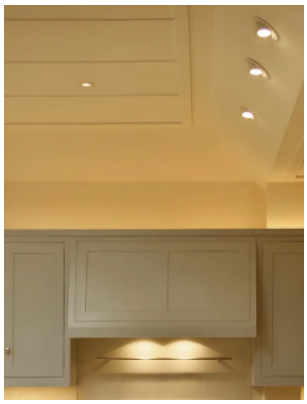
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Size	3.5"-4 1/4" x 1.5" x 5 1/8"	**Lumens**	RGB: 70-160lm CW: 700-800lm
Watts	9W	**CCT**	RGBCW CW=3000K-6000K
Voltage	120V	**IP Rating**	IP44 Damp Rated
Dimming	Dimmable	**Materials**	Aluminum, PC
Beam Angle	36°	**Finish**	White
CRI	>80	**Lens**	Clear
PF	≥ 0.9	**Lifespan**	50,000 Hours

SARIN 4" RGBW Gimbal Downlight is a compact and adjustable lighting solution designed for modern residential and commercial environments. Delivering RGB color output between 70–160 lumens and cool white illumination up to 800 lumens, this 9W fixture offers both ambient color effects and functional task lighting in one versatile unit.

Constructed with a durable aluminum and PC housing in a clean white finish, it features a 36° adjustable beam angle and a clear lens for precise directional lighting. The integrated TRIAC dimming and CCT tuning from 3000K to 6000K allow full control over mood and brightness, while the Tuya App compatibility enables smart control and scene customization.

This downlight is ideal for kitchens, display areas, retail accents, and architectural accent lighting where flexibility and design control are key.

OVERVIEW

CCT: RGBCW CW=3000K-6000K

Applications: IP44 Damp rated

Efficacy: RGB: 16-44 lm/W

CW: 70-80 lm/W

Dimming: TRIAC Dimming

LED Type: Lumileds 2835

Lens Type: Clear

Driver Model: Metal J-box

Operating Temp: -4F° to 113F°

Operating Humidity: 10%-65%RH

Lifespan: 50,000 Hours

Warranty: 5 Years

FEATURES

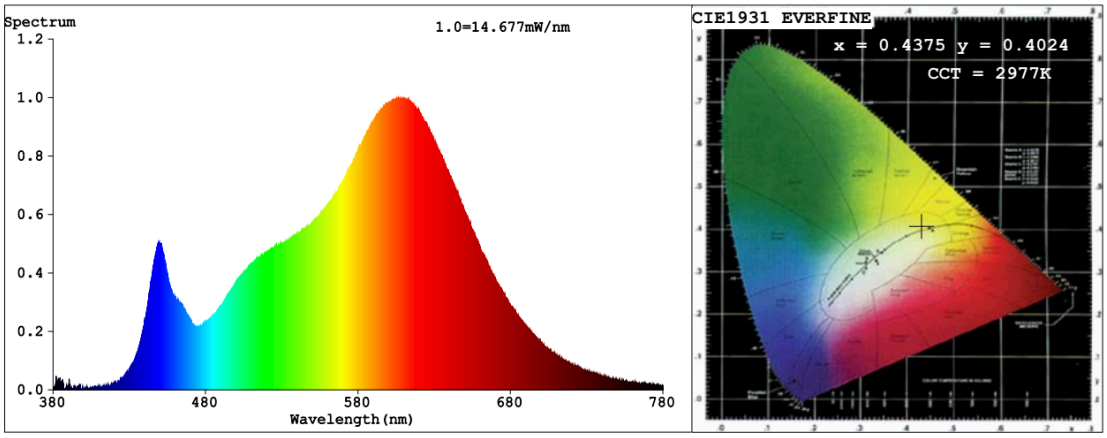
- Tuya App Control
- IP44 damp rated
- CCT dimming for customizable lighting environments

ITEM | **11647 4" RGBW GIMBAL 9W DOWNLIGHT**

Project:_____ Type:_____

Name:_____ Date:_____

SPECTRUM TEST REPORT



Color Parameters:

Chromaticity Coordinate:x=0.4375 y=0.4024/u'=0.2517 v'=0.5208

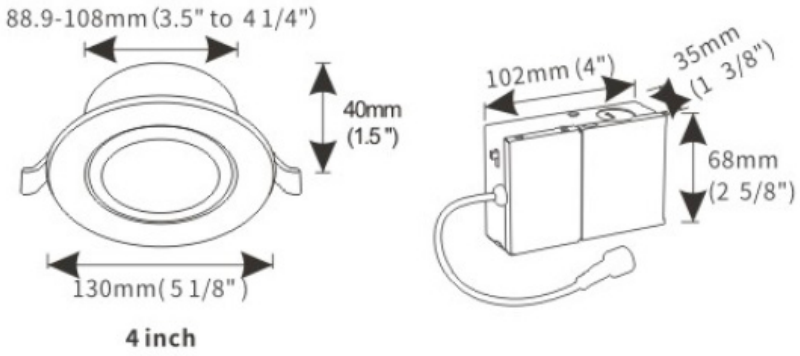
CCT=2977K(Duv=-0.0008) Dominant WL:Ld =583.2nm Purity=52.1%

Ratio:R=23.8% G=73.3% B=2.9% Peak WL:Lp=606.4nm FWHM=128.8nm

Render Index:Ra=86.7

R1 =87	R2 =95	R3 =95	R4 =86	R5 =88	R6 =95	R7 =84	
R8 =64	R9 =21	R10=89	R11=88	R12=83	R13=89	R14=98	R15=79

DIMENSIONS:



IMPORTANT SAFEGUARDS:

- Installation, service and maintenance should be performed by a qualified licensed electrician.
- Make all electrical and grounded connections in accordance with national electrical code and any applicable local code requirements.
- Disconnect power at fuse or circuit breaker before installing or servicing.
- Review the diagrams thoroughly before beginning.
- Do not mount in hazardous locations, or near gas or electric heaters.
- Do not let power cords touch hot surfaces.
- Equipment should be mounted in locations where it will not be subjected to tampering by unauthorized personnel.
- Do not use equipment for other than its intended use.

ITEM | 11647 4" RGBW GIMBAL 9W DOWNLIGHT

Project:_____ Type:_____

Name:_____ Date:_____

ORDER FORM:

(*) Special Order/Not Commonly Stocked

Custom Model Assembly

Fixture	CCT	Watts	Beam Angle	Voltage	TRIM
☑ RDL4	☑ 3000K-6000K	☑ 9W	☑ 36° Adjustable	☑ 120	☑ WHT

SES-
Example Model Number

Quantity		Fixture		CCT		Watts		Beam Angle		Voltage		Trim
	SES	–	**RDL4**	–	**3000K-6000K**	–	**9**	–	**36°**	–	**120**	– **WHT**

Common Stock Models:

Item #	Model #
11647	SES-RDL4-RGBCW-9W

ITEM | **11647 4" RGBW GIMBAL 9W DOWNLIGHT**

Project:_____ Type:_____

Name:_____ Date:_____

INSTALLATION INSTRUCTIONS

SMART LIFE SMART LED RECESSED GIMBAL LIGHT

QR code for Smart Life app download

Powered by tuya

IMPORTANT: Read all instructions before installing the fixtures. Retain instructions for future reference.

Operating Temperature

- -4°F to 113°F (-20℃ to 45℃).
- Suitable for damp locations.
- Suitable for insulated or non-insulated ceiling.
- Air Tight.
- Type IC Rated for direct contact with insulation.

SAFETY: For your safety, this fixture must be wired in accordance to local electrical codes and ordinances. All work should be done by a qualified electrician.

WARING: Make sure the power is OFF from the electrical panel before starting installation or attempting any maintenance. For indoor installation only.

TOOLS REQUIRED:

- Saw.
- Measuring Tape.
- Wire strippers.
- Screw Driver.
- Electrical Wire (use the right type and gauge suitable to connect to the fixtures).
- Drill w/Hole Saw (optional).

ASSEMBLY INSTRUCTIONS:

1. RISK OF ELECTRICAL SHOCK-Turn off the power before installing, inspecting or removing the fixture.
2. Locate a suitable position to place the Super Slim LED recessed light and cut a hole in accordance to the cut-hole dimensions (refer to Hole-Cut Table for appropriate size).
3. Run the electrical wire from the switch (power supply), through the mounting hole.

Intertek

ENERGY STAR

ITEM | **11647 4" RGBW GIMBAL 9W DOWNLIGHT**

Project:_____ Type:_____

Name:_____ Date:_____

INSTALLATION INSTRUCTIONS

4. Open the swing cover on the driver box and remove the appropriate knockouts(s).

5. Insert the electrical supply cable through the knockout(s).

6. Wire the driver box using the supplied quick connect push-in terminals.
   Connect the ground wire of the cable to the green wire on the driver box.
   Connect the white wire of the cable to the white wire on the driver box.
   Connect the black wire of the cable to the black wire on the driver box. (Fig.1).

7. Place all the wires and connections back into the driver box and close the cover.

8. Remodel applications: Insert the driver box into the ceiling (Fig.2).

9. Push the spring-loaded clips on the fixture upwards and insert the fixtures base into the mounting hole. Release the clips and the fixture will be pulled flush to the ceiling (Fig.3).

10. Once assembly is complete, turn on the power to confirm that the fixture is working properly.



Hole-Cut size

3" Round Ø3" (Ø76mm)
3.5" Round Ø3.5" (Ø89mm)
4" Round Ø4" (Ø101mm)

Fig. 1

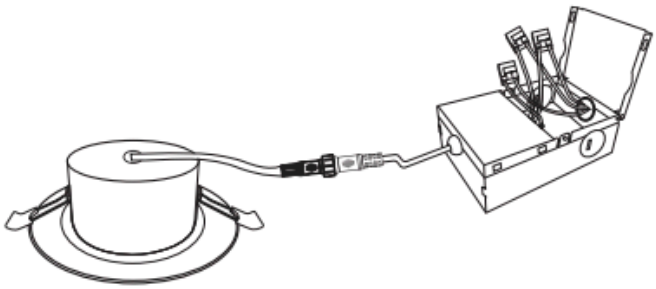


Fig. 2

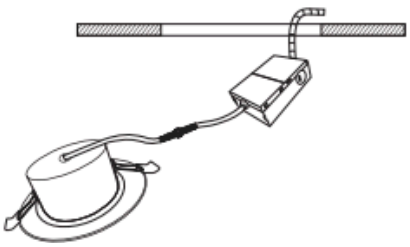


Fig. 3

