

P023R1 1-48V12W

LOW VOLTAGE LED WAFER LIGHT



6" Fixed Color LED Wafer Light (48 V)

The P023R11-48V6W LED light fixture provides high-quality true white LED light using low-voltage DC power. The P023R11-48V6W features direct 48 V DC operation and has a built-in current limiter.

The low profile of the P023R11 series creates a clean look in the finished ceiling and provides flicker-free and perfectly 0-100% dimmable lighting for new home construction.

Key Specifications

Electrical/Operational	
Wattage	6 W operating
Operating Voltage	44 to 52 V
Constant Voltage	Operates from DC; no current limiting required
Recommended Wiring	Parallel wiring method
Operating Current	0 to 240 mA
Operating Temperature	Ceiling mount, -20 to 50°C non-condensing
Photometrics/Optical	
Color Temperature	1 fixed option (3000K)
CRI	90
Dimming Range	Individual: 0 to 100% Circuit: 2.5% to 100% recommended
Lumens	540 or 1080

Features

- Fixed true white light
- 0-100% smooth dimming
- Zero flicker
- Integrated current limiter
- Cool operation with no hot spots
- Available in 6" trim size

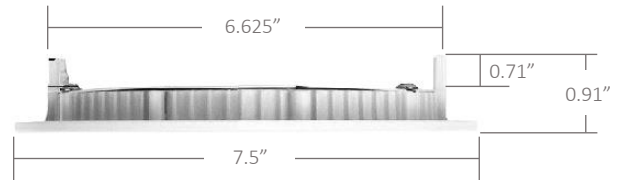
Certifications

- ETL 5005242/UL 1598 listed
- JA8/Title 24 compliant
- IC rated for direct contact with insulation
- Closet rated under NEC codes

Dimensions

The P023R6 is available in a 4-inch trim size.

Base width	6.625 in / 152.5 mm
Face width	7.5 in / 171.45 mm
Flange depth	0.71 in / 18 mm
Total depth	0.91 in / 23 mm



Color Temperature Options

P023R11-48V6W is available in one fixed true white color temperature.

Part Number	2700K <i>Soft White</i>	3000K <i>Bright White</i>	3500K <i>Neutral White</i>	3850K <i>Cool White</i>	4000K <i>Direct Sun</i>	5000K <i>Daylight</i>
P023R11-48V12W-3000K		+				

Recommended Drivers

Wall Switch Drivers	Fixed Color	Tunable White	Feature	DABus ¹
AL-WS-DR1	5		Value	
AL-WS-DR1-PIR	5		Motion	X
AL-WS-DR2	10	5	Smart	X
AL-WS-DR2C	10	5	Universal	
AL-WS-DR2W	10	5	WiFi	
AL-WS-BATH	5		Value	

NOTE:

1 - ATX LED Smart switches are compatible with the IEC62386 standard. For more information, please see <https://www.dali-alliance.org/dali/standards.html>

Part Numbering

<u>P023R11</u>	-	<u>48V12W</u>	-	<u>3000K</u>
Product Number		Description		Variety