

P023R1 1-1440mA

LOW VOLTAGE LED WAFER LIGHT



6" LED Wafer Light

The P023R11-series of DC-powered LED fixtures gives home builders the ability to install a high-quality, full-featured LED lighting system using low-voltage DC power. The low profile of the P023R11 series creates a clean look to the finished ceiling and provides flicker-free and perfectly 0-100% dimmable true white or tunable lighting in new home construction.

A 4" version of this style, the P023R6, is also available. For a recessed version with the same features and high-quality light output, please see the DL Series of recessed lights.

Key Specifications

Electrical/Operational	
Wattage	13 W operating
Operating Voltage	7.5 to 9.0 V
Recommended Wiring	Series, 4 or 5 fixtures sharing one driver
Operating Current	0 to 1440 mA
Operating Temperature	Ceiling mount, -20 to 50°C non-condensing
Photometrics/Optical	
Color Temperature	4 fixed options plus tunable white
CRI	90
Dimming Range	0 to 100%, flicker-free, no artifacts
Lumens	1500

Features

- Four fixed true white and color-tunable options available
- 0-100% smooth dimming
- Zero flicker
- Integrated current limiter
- Cool operation with no hot spots
- Available in 6" trim size

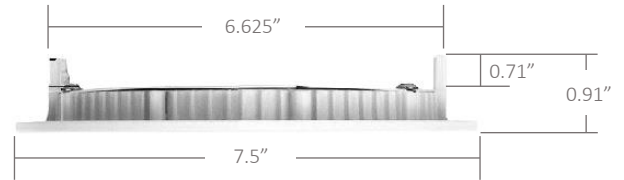
Certifications

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

Dimensions

The P023R11 is available in a 6-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

The P023R11 fixtures can be operated as one of four fixed colors or as tunable white. Up to five fixtures can be wired in series to share one driver. That driver can be located up to 150 ft from the LEDs since constant current eliminates the concerns about voltage drop.

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>
<i>Fixed Color Options</i>						
P023R11-1440mA-3500K			+			
P023R11-1440mA-27/50K	+			+		+
<i>Tunable Color</i>						
P023R11-1440mA-27/50K	+					+

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

