

READY DISC PIR

120V Surface Mount Downlight

The Ready Disc is a surface mount LED downlight for use with most standard junction boxes. Installation is fast and easy due to its unique screw-through mounting system that connects the downlight straight to the junction box. The Ready Disc PIR includes an attached passive infrared motion sensor.

- 5CCT adjustable color temperature (2700K, 3000K, 3500K, 4000K, 5000K) with 90+ CRI
- 6" trim size with up to 1050 lumens
- Low profile design, 1.5" high
- Quick and easy design for fast installs
- Polycarbonate lens for soft diffuse light
- Aluminum housing
- 35,000 hours rated life
- cETLus Listed for indoor, damp locations
- Suitable for use in closets when installed in accordance with NFPA 70, NEC section 410.16 (B)(1) and 410.16 (D)(1)

PROJECT:

TYPE:

LOCATION:

CATALOG NUMBER:



RD6PIR-30-WH

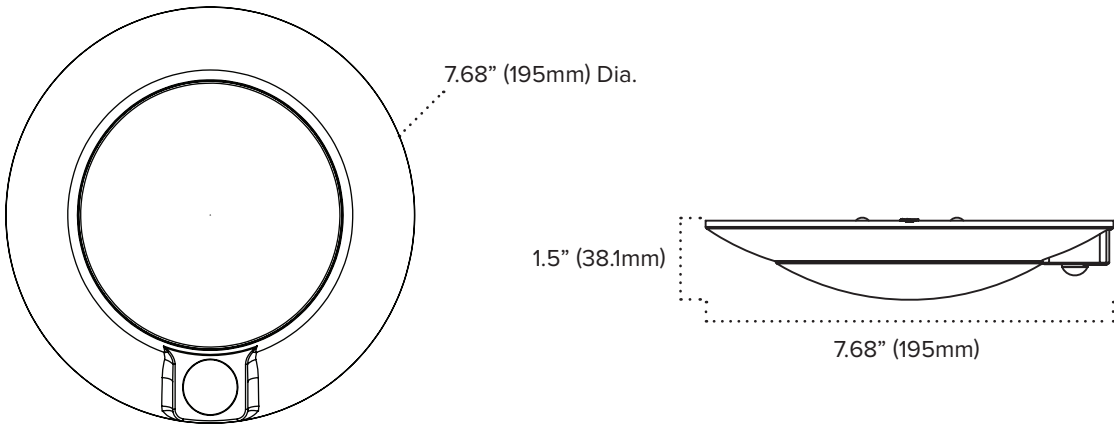


QDPIR SERIES QUICK SPECS	
VOLTAGE	120 AC, 60Hz
WATTAGE	15W
LUMENS	Up to 1050Lm
CCT OPTIONS	5CCT
CRI	90+
MOUNTING	Surface mount - 4O Octagonal / 4O Round / 3O Round
DIMMING	N/A
BEAM ANGLE	120°
OPERATING TEMP	-25°C (-13°F) to 40°C (104°F)
CERTIFICATIONS	cETLus Listed / Indoor, Damp Locations
RATED LIFE	35,000 Hours - 5 Year Limited Warranty

QDPIR SERIES ORDERING INFORMATION								
ITEM NUMBER	DESCRIPTION	FINISH	VOLTAGE	CCT	CRI	LUMENS	WATTAGE	DIMMING
RD6PIR-30-WH	Ready Disc PIR 6	White	120V	5CCT	90+	1050Lm	15W	N/A

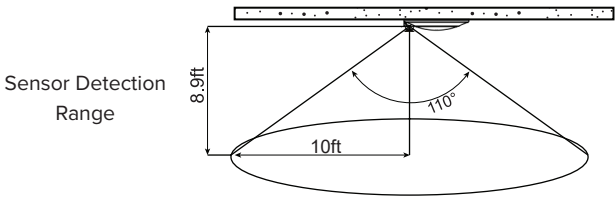
READY DISC PIR DIMENSIONS

RD6PIR



READY DISC PIR SENSOR DETECTION RANGE

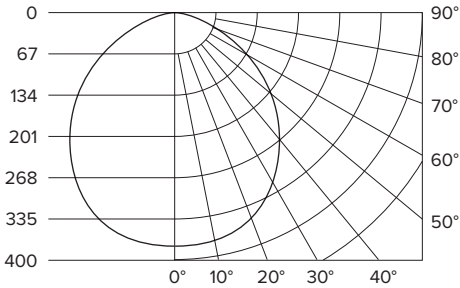
Lights turn ON automatically when motion is detected.
Lights turn OFF when no motion is detected for 30 seconds.



READY DISC PIR PHOTOMETRICS

RD6PIR

PART NUMBER	RD6PIR-30-WH
BEAM SPREAD	104.9°
LUMENS	987.85 Lm
WATTAGE	15W
EFFICACY	66 Lm/W
CCT	3000K
CRI	93.2



Avg. Foot Candles	Beam Dia.
7.7	4'
3.4	6'
1.9	8'
1.2	10'
0.9	12'
0.6	14'

Distance From Light

NOTES ON CLOSET LIGHTING

Closet Lighting | NEC 410.16 | Brief Overview

Please see 2026 NFPA NEC Code Book Section 41.16 for details code requirements

Do Closets Need Lighting?

- Not required by the NEC Code
- If installed, lighting must comply with NEC 410.1

Why Closet Lighting Is Regulated

- Clothing, fabric, and paper materials can be combustible
- Tight spaces increase fire risk
- Rules protect people and property
-

Approved Fixture Types

- Surface-mounted or recessed LED or incandescent
- Light source must be fully enclosed
- Fluorescent fixtures allowed
- Fixtures labeled for closet use are preferred
- Open or partially exposed bulbs are not allowed including pendants

What Counts as "Storage Space"?

- From floor to 6ft high or highest hanging rod
 - 24in out from side and back walls
 - Above shelves, up to ceiling within 12in of wall or shelf depth
 - 12in on each side of double-sided hanging rods
- Fixtures must stay outside this space unless specifically rated.

Minimum Clearance Requirements

From storage space:

- 12 in → Surface-mounted enclosed LED/incandescent
- 6 in → Recessed enclosed LED/incandescent

Benefits of Surface-Mounted vs. Recessed

Surface-Mounted

- Easy install
- Ideal for shallow closets
- Flexible placement

Recessed

- Clean, modern look
- No protrusions
- Requires wall/ceiling depth

Wiring & Controls

- Wiring must meet NEC standards
- Conductors must be protected
- Light switch should be near the entrance

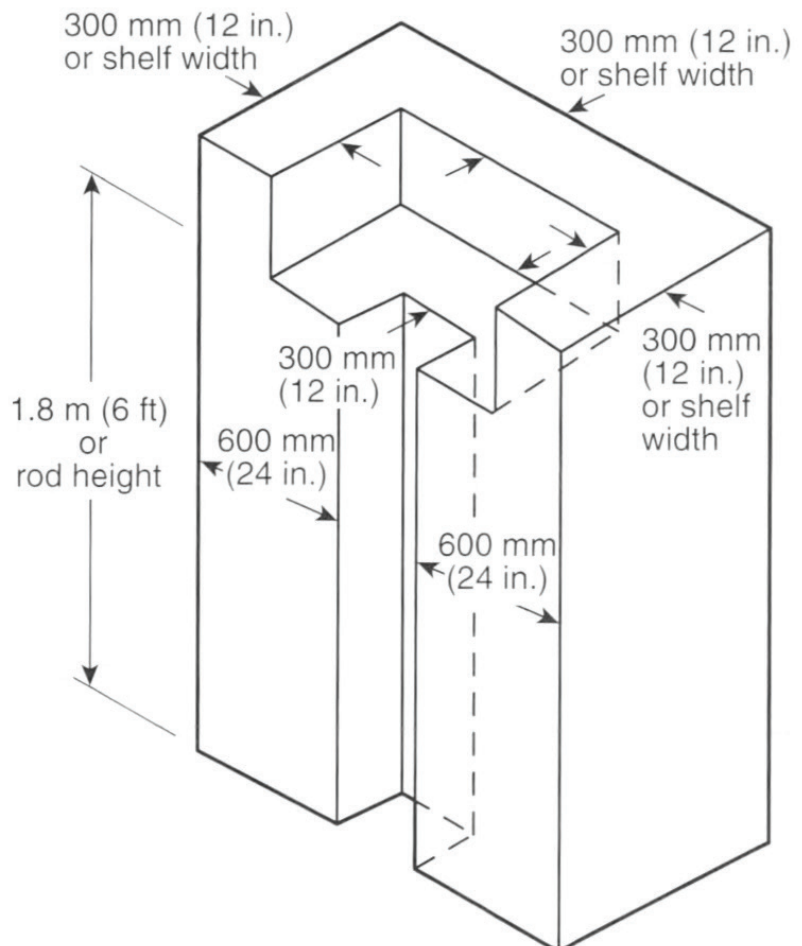


FIGURE 410.16(A) Clothes Closet Storage Space.



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver, or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty.

PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.americanlighting.com.

Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.

AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.