AXIS DOWNLIGHT

120V Recessed Gimbal Downlights

These IC rated recessed gimbal downlights are great for sloped ceilings and other applications where one may want to direct light. Available in single color or adjustable 5 CCT, the AXIS Series comes in three size options ranging from 1" up to 3" while producing up to 1000 lumen output performance.

- Available in 3", 2", and 1" aperture sizes
- 360˚ gimbal rotation with 30˚ tilt
- Aluminum housing with polycarbonate lens
- Axis 1" available in 2700K or 3000K warm white
- Selectable 5CCT color temperatures (A2 & A3): 2700K / 3000K / 3500K / 4000K / 5000K
- Lumen output up to 1000 Lumens
- Dimmable with most TRIAC or ELV dimmers
- Remote driver with hardware junction box
- Type IC and cETLus Listed for wet locations
- 50,000 hours rated life
- ENERGY STAR Certified, JA8 Compliant

Intertek · ENERGY STAR · JA8 · WET LOCATION · TYPE IC · DIMMABLE

PROJECT:
TYPE:
LOCATION:
CATALOG NUMBER:

AXIS 1

AXIS 2

AXIS 3

AXIS SERIES QUICK SPECS

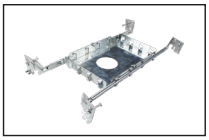
VOLTAGE	120V AC, 60Hz
WATTAGE	5W / 8W / 12W
LUMENS	325Lm / 350Lm / 675Lm / 1000Lm
CCT OPTIONS	2700K / 3000K / 5CCT (2700K / 3000K / 3500K / 4000K / 5000K)
CRI	90+
DIMMING	TRIAC / ELV (10 - 100%)
MOUNTING	Recessed Mount
BEAM ANGLE	38° (30° Tilt)
OPERATING TEMP	-25°C (-13°F) to 40°C (104°F)
CERTIFICATIONS	cETLus Listed; Type IC; Suitable for wet locations
RATED LIFE	50,000 Hours

AXIS SERIES ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION	FINISH	VOLTAGE	CCT	CRI	LUMENS	WATTAGE	DIMMING
A1-27-WH	AXIS 1	White	120V	2700K	90+	325Lm	5W	TRIAC / ELV
A1-30-WH	AXIS 1	White	120V	3000K	90+	350Lm	5W	TRIAC / ELV
A2-5CCT-WH	AXIS 2	White	120V	5-CCT	90+	675Lm	8W	TRIAC / ELV
A3-5CCT-WH	AXIS 3	White	120V	5-CCT	90+	1000Lm	12W	TRIAC / ELV

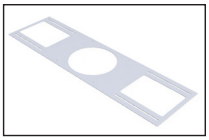
AXIS ACCESSORIES

ITEM NUMBER	DESCRIPTION
RP-H-E2	1" New Construction Rough-in Plate with Hanger Bars
RP-2/4/6	2" New Construction Rough-in Plate with Hanger Bars
RP-E4	3" New Construction Rough-in Plate



RP-H-E2

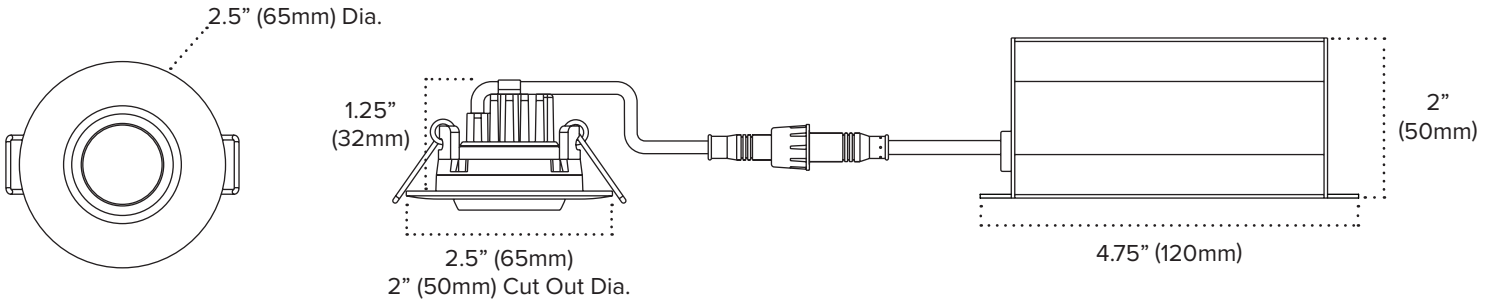
RP-2/4/6



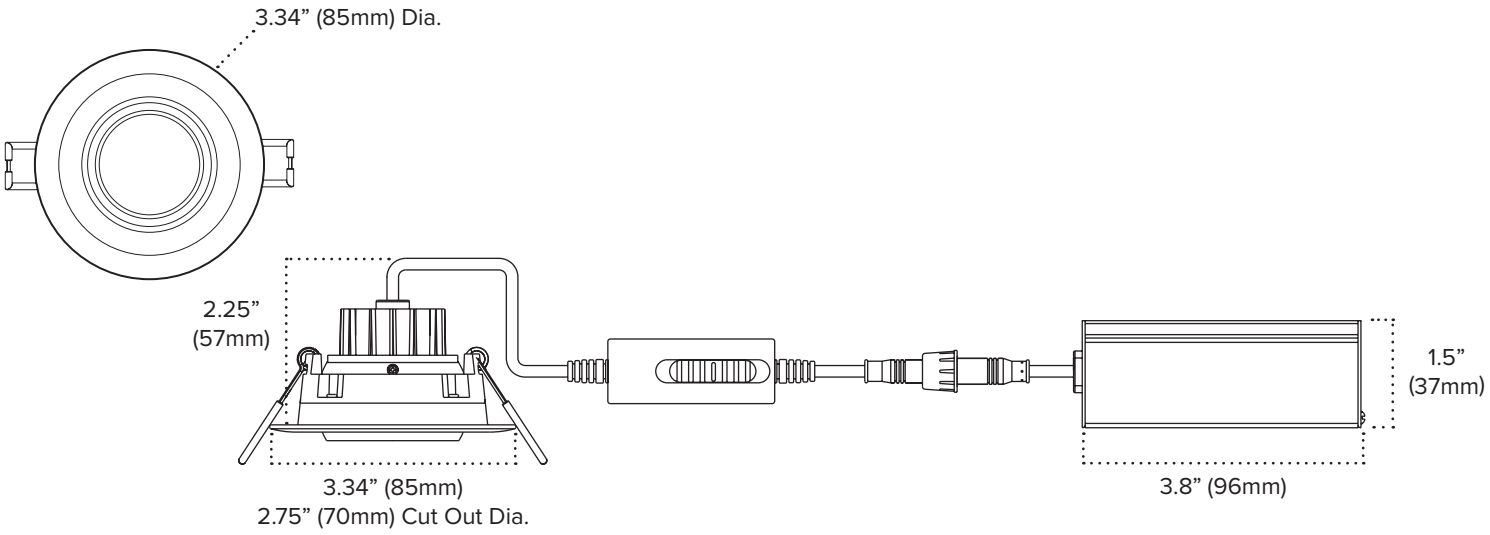
RP-E4

AXIS SERIES DIMENSIONS

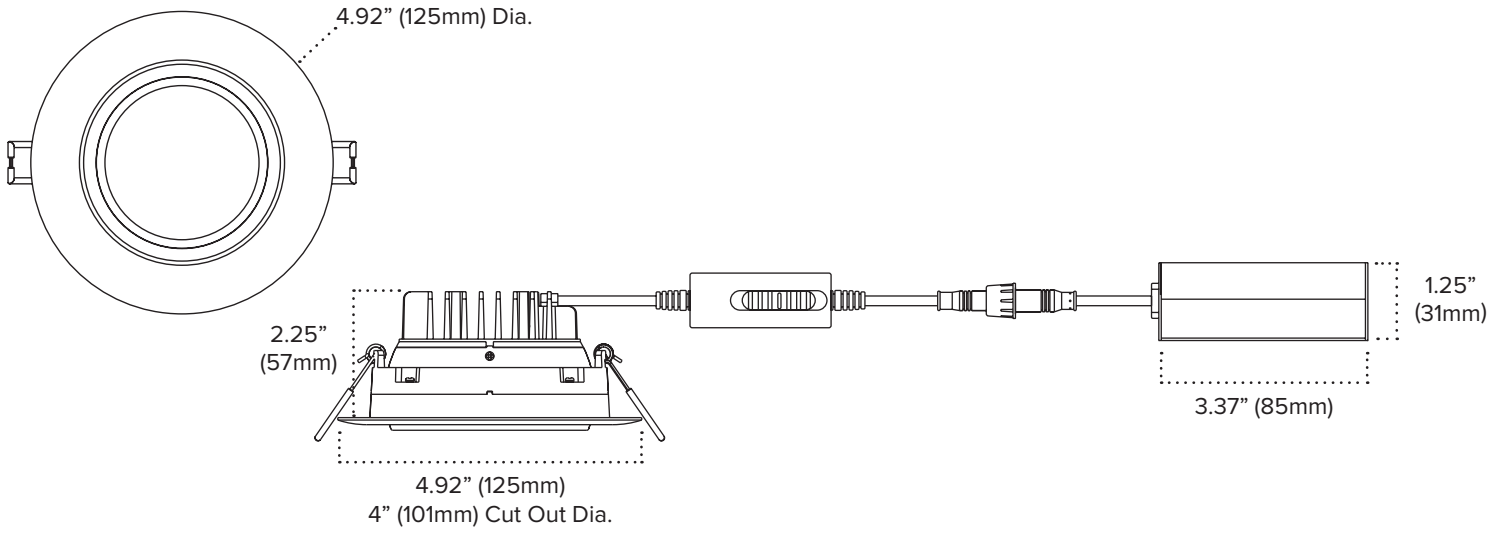
A1-27-WH / A1-30-WH



A2-5CCT



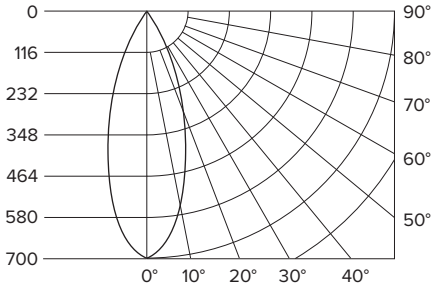
A3-5CCT



AXIS SERIES PHOTOMETRICS

AXIS A1

PART NUMBER	A1-27-WH / A1-30-WH
BEAM SPREAD	37.8°
LUMENS	626.47 Lm
WATTAGE	8W
EFFICACY	78.31 Lm/W
CCT	2700K / 3000K
CRI	93.2

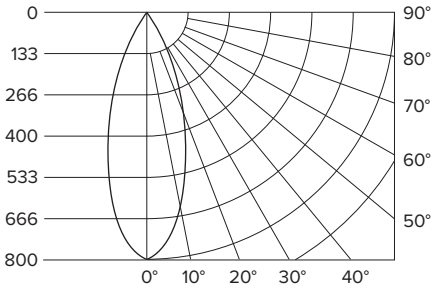


Avg. Foot Candles		Beam Dia.
62.5	4’	2.7’
27.8	6’	4.1’
15.6	8’	5.5’
10.0	10’	6.8’
6.9	12’	8.2’
5.1	14’	9.6’

Distance From Light

AXIS A2

PART NUMBER	A2-5CCT-WH
BEAM SPREAD	39°
LUMENS	571 Lm
WATTAGE	8W
EFFICACY	71.38 Lm/W
CCT	2700K/3000K/3500K/4000K/5000K
CRI	94

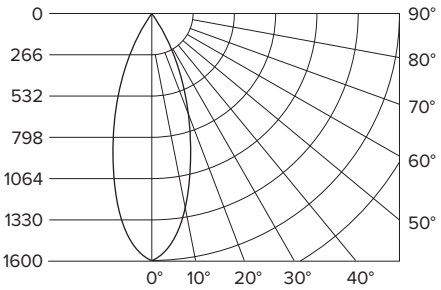


Avg. Foot Candles		Beam Dia.
44.9	4’	2.8’
20.0	6’	4.2’
11.2	8’	5.7’
7.2	10’	7.1’
5.0	12’	8.5’
3.7	14’	9.9’

Distance From Light

AXIS A3

PART NUMBER	A3-5CCT-WH
BEAM SPREAD	41.5°
LUMENS	951 Lm
WATTAGE	11W
EFFICACY	86.5 Lm/W
CCT	2700K/3000K/3500K/4000K/5000K
CRI	90



Avg. Foot Candles		Beam Dia.
60.8	4’	3’
27.0	6’	4.5’
15.2	8’	6.1’
9.7	10’	7.6’
6.8	12’	9.1’
5.0	14’	10.6’

Distance From Light

AXIS SERIES RECOMMENDED DIMMERS

BRAND	MODEL #	TYPE	DIMMING RANGE
LUTRON	PS-6WCL	ELV	0% - 89.58%
COOPER	S106P	MLV	0.21% - 97.75%
LUTRON	CTCL-153P	TRIAC	1% - 92%
LUTRON	DV-600P	TRIAC	1% - 93%
LEVITON	6672	ELV	4% - 99%
LEVITON	DSL06-1LZ	MLV	5% - 91%
LEVITON	IPL06-10Z	MLV	5.75% - 92%
LUTRON	DVCL-153P	TRIAC	6.5% - 93%

Dimmer performance may vary in field application due to unknown external factors. Dimmers not included on the chart above are not necessarily incompatible; they have yet to be fully evaluated. Please reference dimmer manufacturer’s instructions for more detailed information regarding performance and compatibility. Test data listed above is based on single lamp data.

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.