

PROJECT:  TYPE:

LOCATION:  CAT:



White



Dark Bronze

### Description

Versatile, dimmable, and affordable 4" LED Advantage recessed downlights are available in white with either a static lens or a swivel (gimbal) version. These housings are compatible with most 4" recessed cans.

### Features

- Durable and glare-free frosted polycarbonate lens
- Easy installation with torsion clips
- Includes standard E26 socket connection
- cETLus Listed and ENERGY STAR Certified

### Mounting

**AD4 Retrofit:** Torsion clips fit most 4" Type IC rated cans (requires 2-7/8" clearance) with E26 sockets; compatible with AL4-ICAT (sold separately)

**AD4S Retrofit:** Torsion clips fit most 4" Type IC rated cans (requires 2-9/16" clearance) with E26 sockets; compatible with AL4-ICAT (sold separately)

### Applications

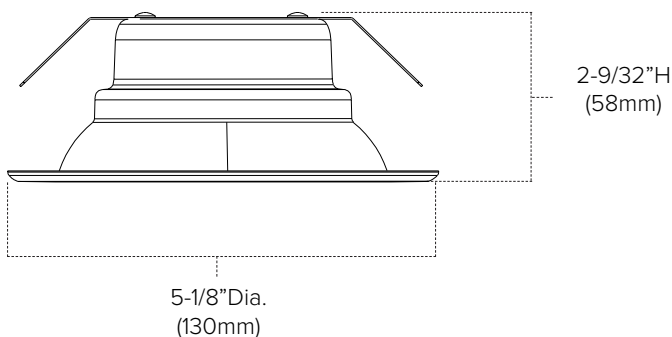
General Lighting LED Retrofit

## Technical Information

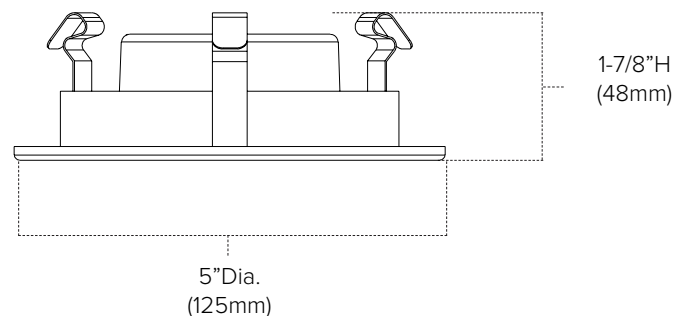


Voltage	120V AC, 60Hz			
CCT	3000K			
Series	AD4-30-WH	AD4-B30-WH	AD4-30-DB	AD4S-30-WH
Finish	White		Dark Bronze	White
Inset	Smooth	Baffle	Smooth	Adjustable Swivel; Smooth
Lumens	600	660	630	500
Wattage	10	10.5	10.5	8
CRI	90+			
Connection	E26 Edison			E26 Edison
Beam Angle	85°	84°	83°	91°
Dimming	10-100% with most standard TRIAC dimmers			
Rating	ENERGY STAR; cETLus Listed; Wet location			ENERGY STAR; cETLus Listed; Damp location
Rated Life	50,000 Hours			

AD4

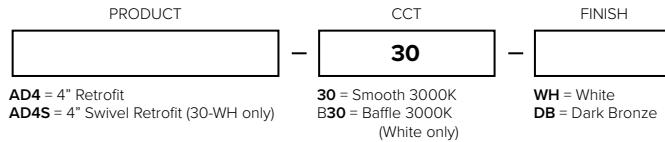


AD4S



## Ordering Information

### 120V AC, 60Hz Retrofit



#### AD4 Retrofit Downlights Include:

- (1) 4" Retrofit downlight with standard E26 Edison socket connection and torsion clips to fit most standard 4" housings

#### AD4S Retrofit Downlights Include:

- (1) 4" Retrofit swivel downlight with standard E26 Edison socket connection and torsion clips to fit most standard 4" housings

Example Part # **AD4-30-WH**



## Compatible Dimmers

Brand	Model #	Type	Dimming Range	Notes
Lutron® Diva	DVCL-153P	Universal (CFL/LED/Incandescent)	10-100%	
Lutron® Toggler	TGCL-153PH	Universal (CFL/LED/Incandescent)	10-100%	
Lutron® Skylark	SELV-300P	Electronic Low-Voltage (ELV)	10-100%	
Lutron® Diva	DV-600P	Incandescent	10-100%	
Leviton® Sureslide	6674	Universal (CFL/LED/Incandescent)	10-100%	

Minimum loads may apply. 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.

## Additional Information

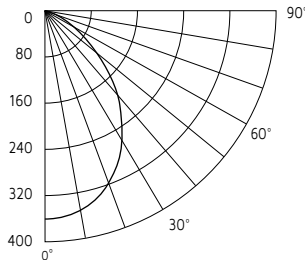
### Minimum Height Requirements

Model	Minimum Height Requirement	Location
AD4-30-WH	2-7/8" (73mm)	Dry, damp, or wet location
AD4S-30-WH	2-9/16" (65mm)	Dry or damp location

Photometrics

**PHOTOMETRIC DATA: AD4-30-WH**

**Photometric Diagram**



**AD4-30-WH Summary**

Test voltage:	120.03V
Luminous flux:	633.2Lm
Input power:	9.8W
Luminous efficacy:	64.61
Power factor:	0.756
Maximum intensity:	368.2cd
Beam angle:	85.4°
Spacing criteria:	0.64

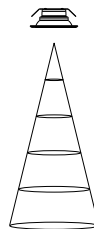
**Zonal Lumen Summary**

Zone	Lumens	%Fixture
0-30°	237.4	38.4
0-40°	367.6	59.7
0-60°	568.8	90.1
0-90°	633.2	100.0
90-180°	0	0.0
0-180°	633.2	100.0

**Candela Distribution**

Angle	Average Candelas
0°	389
10°	376
20°	340
30°	284
40°	216
50°	140
60°	75
70°	31
80°	13
90°	0

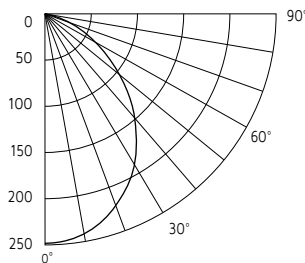
**Initial Footcandles**



Distance to Illuminated Plane	Footcandles (at beam center)	Beam Diameter (feet)
6 feet	10.2	11.1
7 feet	7.5	12.9
8 feet	5.8	14.8
9 feet	4.5	16.6
10 feet	3.7	18.5

**PHOTOMETRIC DATA: AD4S-30-WH**

**Photometric Diagram**



**AD4S-30-WH Summary**

Test voltage:	120.03V
Luminous flux:	544.4Lm
Input power:	7.6W
Luminous efficacy:	64.66
Power factor:	0.780
Maximum intensity:	249.4cd
Beam angle:	91.8°
Spacing criteria:	0.55

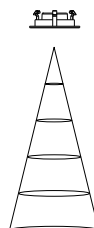
**Zonal Lumen Summary**

Zone	Lumens	%Fixture
0-30°	186.4	34.2
0-40°	294.3	54.0
0-60°	469.8	86.3
0-90°	544.4	100.0
90-180°	0	0.0
0-180°	544.4	100.0

**Candela Distribution**

Angle	Average Candelas
0°	249
10°	243
20°	224
30°	193
40°	151
50°	106
60°	66
70°	32
80°	10
90°	0

**Initial Footcandles**



Distance to Illuminated Plane	Footcandles (at beam center)	Beam Diameter (feet)
2 feet	10.2	4.1
4 feet	7.5	8.3
6 feet	5.8	12.4
8 feet	4.5	16.5
10 feet	3.7	20.6