

PRODUCT SPECIFICATIONS

**3" LED RECESSED DOWNLIGHT
REMODEL**

LED Light Engine 2 step MacAdam ellipse binning • 2700K, 3000K, 3500K, or 4000K CCTs available with 80 CRI minimum • 2700K and 3000K also available with 90 CRI and 95 CRI minimum (R9>90).

Quiet, Glare-free Ceiling 45° visual cutoff to source and source image.

Modular Optics Available with 12°, 24°, 35° and 50° field interchangeable optics • 20°, 30°, 40°, 45° and 60° FWHM can be achieved with diffusing films and 12° optic • Patented (US Patent 8,950,911) auto-adjusting optic holder maximizes efficiency by maintaining optimal LED optic position • Accommodates up to two (2) additional beam control lenses and/or filters.

Baffle Grooved deep aluminum baffle available in white or black.

Trims Style Trim Ring reflectors utilize torsion spring retention for tight, secure fit to ceiling • Trim ring features beveled knife edge for clean ceiling interface.

LED Driver Accommodates 120-277V input and multiple control protocols • For a list of compatible dimmers, refer to [ACLXLED3-DIM](#) • Power Factor > 0.9 • Field replaceable from below or above ceiling.

Life Rated for 50,000 hrs at 70% lumen maintenance.

Buy American Act This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY-5YR - 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Codes/Labels UL and cUL listed for damp locations • 08LM and 12LM housings are IC rated for direct contact with insulation • Union made.

Patented (US Patent 7,191,993) "Push-Pull" Cable System Allows rapid installation without tools or loose parts • Housing accommodates ceiling thickness from 3/8" to 2" without altering photometrics • Fits 2 x 6 construction.

Junction Box Includes (5) 1/2" and (4) Non-metallic sheathed cable knock-outs • Push-in electrical connectors for field connections.

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.



**BAFFLE
AX3 AR/3DBAF
800 - 1500 LUMEN**



Trim Ring

ORDERING INFORMATION

Example: AX3 AR G4 08LM 30K 80CRI 24D FPC 120 3DBAF W WHR

HOUSING OPTIONS

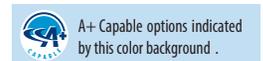
Housing Style	Lumens	CCT	CRI	Beam	Driver	Voltage	Options
AX3 AR G4 Remodel Universal ADJ/DL/WW	08LM 800 Lumens	27K 2700K	80CRI	12D 12° beam	GZ1 0-10V, 1% dim	120 ² MVOLT ³ (120-277)	NLIGHT ⁴ nLight dimming pack controls
	12LM 1200 Lumens	30K 3000K	90CRI ¹	24D 24° beam	EZ1 eldoLED 0-10V, 1% dim		
	15LM 1500 Lumens	35K 3500K	95CRI ¹	35D 35° beam	EZB eldoLED 0-10V, <1% dim		
		40K 4000K	50D 50° beam	FPC Phase cut dimming, 5% dim	ECOS2 Lutron Hi-Lume 2-wire forward phase, 1% dim		
				ECOD Lutron Hi-Lume EcoSystem, 1% dim			
					EDAB eldoLED DALI, 1% min		

TRIM OPTIONS

Trim Style	Reflector Finish	Flange Style / Finish
3DBAF Baffle	B Black Paint	WHR White Trim Ring
	W White Paint	

NOTES

Ordering Notes
¹ 90CRI and 95CRI available on 27K and 30K only. ⁴ NLIGHT available with EZ1 and EZB only.
² 120 required for FPC and ECOS2.
³ MVOLT required for GZ1, EZ1, EZB, ECOD, EDAB.



3" LED RECESSED DOWNLIGHT REMODEL BAFFLE AX3 AR/3DBAF 800 - 1500 LUMEN

ACCESSORIES

Accessories			
3AXOPT/12D	12° Optic	IIS 35 HE	Up to 35W Remote Mount
3AXOPT/24D	24° Optic		Micro Inverter (30LM Excluded)
3AXOPT/35D	35° Optic		
3AXOPT/50D	50° Optic	DCCF 200 HAL4250	Daylight Blue Correction Lens
AF3/10	10° Diffusing Film	DIFF 200	Diffuse Spread Lens
AF3/20	20° Diffusing Film	SOLITE 200	Uniformity Lens
AF3/30	30° Diffusing Film	UVF 200	UV Filter Lens
AF3/40	40° Diffusing Film	PRISM 200	Prismatic Lens
AF3/50	50° Diffusing Film	LSPREAD 200	Linear Spread Lens
AF3/60x1	60°x1° Diffusing Film	HCLBL 200	Hexcell Louver

DIFFUSING FILMS

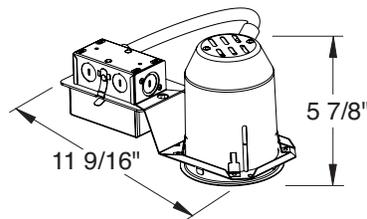
Desired FWHM	Primary Optic	Film
12°	12D	-
20°	12D	AF3/10
24°	24D	-
30°	12D	AF3/20
35°	35D	-
40°	12D	AF3/30
45°	12D	AF3/40
50°	50D	-
60°	12D	AF3/50
20°x60°	12D	AF3/60x1

To achieve the desired beam angle (FWHM), specify the following primary LED optic on the luminaire and order the diffusing film from the table below

ELECTRICAL DATA

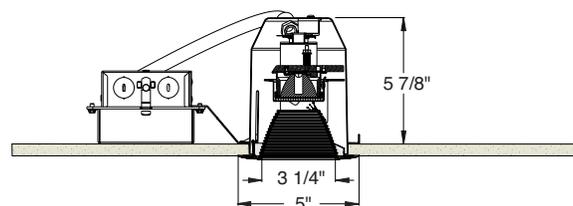
Lumen Package	08LM		12LM		15LM	
Voltage	120	277	120	277	120	277
Input Power	7.0	7.6	11.0	12.0	13.8	14.6
Input Current	0.03	0.06	0.09	0.05	0.12	0.06
Frequency	50/60Hz		50/60Hz		50/60Hz	
Power Factor	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9

DIMENSIONS



4 3/8" CEILING CUTOUT*

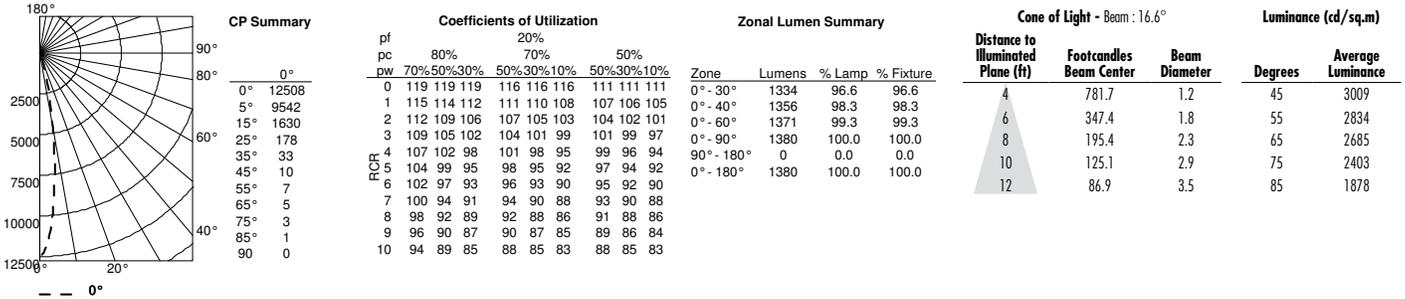
* For best results, a hole saw is recommended



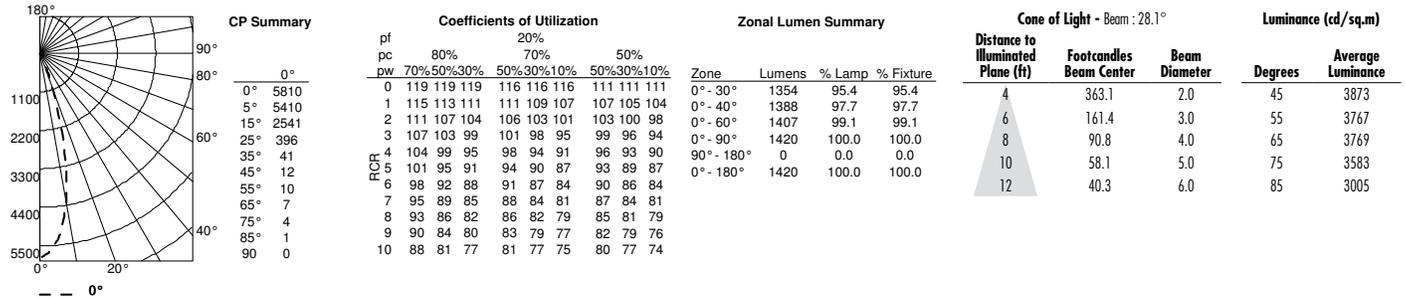
3" LED RECESSED DOWNLIGHT REMODEL BAFFLE AX3 AR/3DBAF 800 - 1500 LUMEN

PHOTOMETRICS

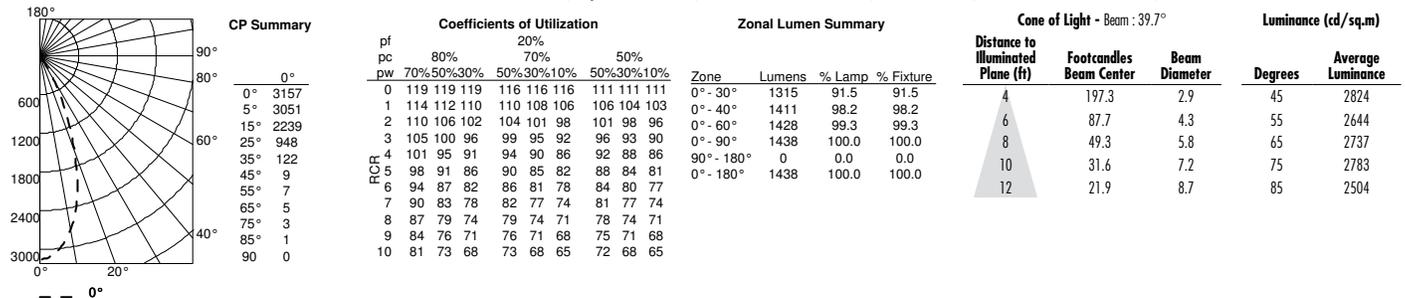
AX3 AR G4 15LM 30K 80CRI 12D EZI MVOLT + 3DBAF W, 3000K LEDs, input watts: 13.8, delivered lumens: 1380, LM/W = 100, test no. PT02182603P76, tested in accordance to IESNA LM-79



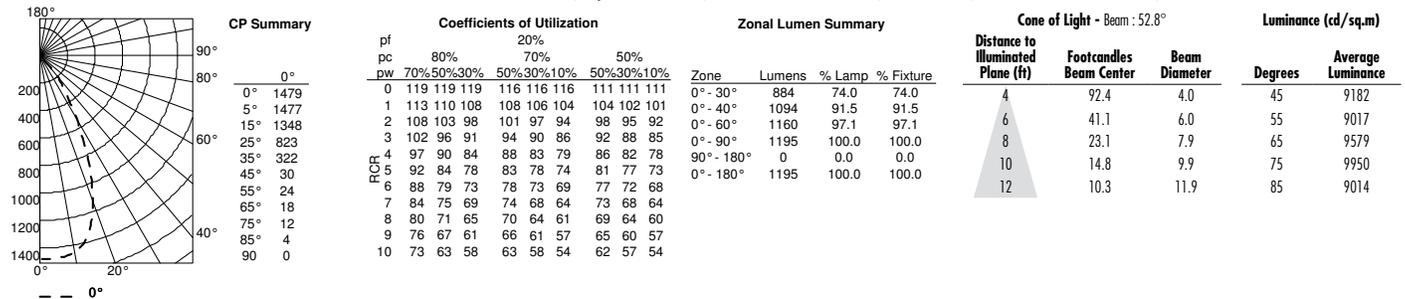
AX3 AR G4 15LM 30K 80CRI 24D EZI MVOLT + 3DBAF W, 3000K LEDs, input watts: 13.8, delivered lumens: 1420, LM/W = 103, test no. PT021822611P76, tested in accordance to IESNA LM-79



AX3 AR G4 15LM 30K 80CRI 35D EZI MVOLT + 3DBAF W, 3000K LEDs, input watts: 13.8, delivered lumens: 1438, LM/W = 104, test no. PT02182719P76, tested in accordance to IESNA LM-79



AX3 AR G4 15LM 30K 80CRI 50D EZI MVOLT + 3DBAF W, 3000K LEDs, input watts: 13.8, delivered lumens: 1195, LM/W = 87, test no. PT02182727P76, tested in accordance to IESNA LM-79



LUMEN OUTPUT MULTIPLIERS

CCT/CRI	Multiplier		
	80CRI	90CRI	95CRI
27K	100%	86%	65%
30K	100%	88%	69%
35K	105%		
40K	107%		

Lumens	Multiplier
15LM	100%
12LM	80%
08LM	54%