



ACULUX® RECESSED ADJUSTABLE 5-5/8" BAFFLED APERTURE IC Rated, 50W PAR36/AR111 IC64-635 SERIES

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

PRODUCT DESCRIPTION

Recessed adjustable PAR36 or AR111 luminaire with 5-5/8" angle-cut grooved baffle aperture. Fixture has 50° visual cutoff to lamp and lamp image. Aiming and rotation locks. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and comfort. Also controls plenum sound transmission and keeps dust and insects from entering living space. IC rated housing for use in direct contact with insulation.

PRODUCT SPECIFICATIONS

- Lamp** One 50W PAR36 or AR111 lamp.
- Socket** Screw terminal lamp • Lead wires supplied with terminals.
- Trim Socket** White, Satin Chrome, or Classic Aged Bronze on steel • Torsion spring retention for tight, secure fit to ceiling • Beveled profile for clean ceiling interface without light leaks.
- Baffle** Angle-cut grooved aluminum baffle • Black or white finish • 50° lamp cut-off.
- Adjustability** Optimized lamp beam optical alignment with trim opening to insure full light output with low aperture brightness at any aiming angle • 361° rotation, 35° tilt • Toolless locking for both rotation and tilt • Off-vertical aiming marks to aid consistent aiming for multiple units • Unit may be relamped without unlocking adjustments • Matte black lamp housing to preserve dark aperture.
- Transformer** Premium low voltage thermally protected, high efficiency magnetic transformer • Quiet operation and consistent light output regardless of variations in operating temperature • Simple removal with electrical disconnect • Serviceable from below ceiling.
- Dimming** May be dimmed using dimmers specifically designed for low voltage magnetic transformers; consult factory or dimmer manufacturer for additional information.

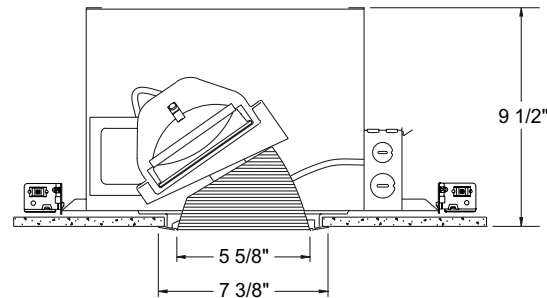
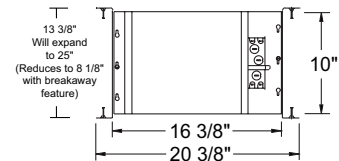
Labels U.L. listed for direct contact with insulation, through-branch wiring, damp locations and IP • Meets Washington State Air Tight Requirements, 1995 CABO Model Energy Code • Product thermally protected against improper use of lamps • Union made • CSA certified.

Testing All reports are based on published industry procedures; field performance may differ from laboratory performance. Product specifications subject to change without notice.

PRODUCT CODES

Catalog Number	Baffle Finish, Trim	Wattage and Lamp
IC64-635B-ABZ	Black Baffle, Classic Aged Bronze Trim	50W PAR36 or AR111
IC64-635B-SC	Black Baffle, Satin Chrome Trim	50W PAR36 or AR111
IC64-635B-WH	Black Baffle, White Trim	50W PAR36 or AR111
IC64-635W-WH	White Baffle, White Trim	50W PAR36 or AR111

DIMENSIONS



6 7/8" CEILING CUTOUT

INSTALLATION

Real Nail 3 Bar Hangers Telescoping, patent-pending Real Nail 3 system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Integral T-bar notch and clip secures housing in suspended ceiling grid – no accessory clips required • 24" expansion stop allows quick placement of fixture in standard grid spacing • Bars scored in two locations for fast, clean breaking, allowing housing installation in tight applications • Bars captive to mounting frame • Edge-mounted for extra strength • Captive bugle-headed ring shank nail for quick one-step installation and easy removal with claw hammer for fixture relocation • Quick-Loc slot and oversized locking set screw lock fixture in position • Bar hanger foot contoured to align to bottom of construction joist • Alternate mounting holes included.

Junction Box Pre-wired junction box, U.L. listed/CSA certified for through-branch wiring, maximum 8 No. 12 AWG 90° C branch circuit conductors (4 in, 4 out) • Junction box provided with removable access plates (5) 1/2" and (1) 3/4" knockouts, (4) Non-metallic sheathed cable knock-outs with built-in strain reliefs and ground wire • Knockouts equipped with pryout slots.

Housing/Mounting Frame 20-gauge die-formed galvanized steel plaster frame • .032" die-formed aluminum housing • Rough-in section (junction box, mounting frame, housing assembly and bar hangers) fully assembled for ease of installation.

ACCESSORIES

Catalog No.	Description
CTA6	Ceiling Thickness Adapter

To order, specify catalog number.

Catalog No: IC64-635B-WH
Luminaire: 5-5/8" Recessed PAR36/AR111
 Adjustable, Baffled Aperture

ACULUX® RECESSED ADJUSTABLE

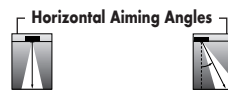
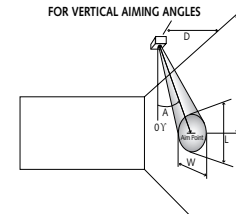
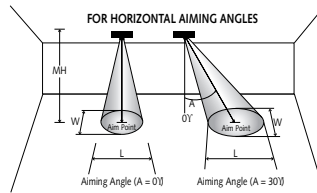
5-5/8" BAFFLED APERTURE

IC Rated, 50W PAR36/AR111

IC64-635 SERIES

CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Lamp	Beam Type	Beam Spread°	Rated Life	CBCP	0°				30°				30°				45°			
					MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
50W PAR36 Halogen	VNSP	5°	4000	35000	14	179	1.2	1.2	116	1.6	1.4	8	68	13.9	2.8	1.4	193	8.0	1.4	1.0
					18	108	1.6	1.6	70	2.1	1.8	10	44	17.3	3.5	1.7	124	10.0	1.7	1.2
					22	72	1.9	1.9	47	2.6	2.2	12	30	20.8	4.2	2.1	86	12.0	2.1	1.5
					26	52	2.3	2.3	34	3.0	2.6	14	22	24.2	4.9	2.4	63	14.0	2.4	1.7
					30	39	2.6	2.6	25	3.5	3.0	16	17	27.7	5.6	2.8	48	16.0	2.8	2.0
	NSP	8°	4000	30000	12	208	1.7	1.7	135	2.2	1.9	6	104	10.4	3.4	1.4	295	6.0	1.7	1.2
					16	117	2.2	2.2	76	3.0	2.6	8	59	13.9	4.5	2.2	166	8.0	2.2	1.6
					20	75	2.8	2.8	49	3.7	3.2	10	38	17.3	5.7	2.8	106	10.0	2.8	2.0
	FL	30°	4000	1300	4	81	2.1	2.1	53	2.9	2.5	2	41	3.5	5.5	2.1	115	2.0	2.3	1.5
					6	36	4.1	4.1	23	5.7	4.8	3	18	5.2	12.8	4.1	51	3.0	4.7	2.9
					8	20	5.5	5.5	13	7.6	6.4	4	10	6.9	17.1	5.5	29	4.0	6.3	3.9
					10	13	6.9	6.9	8	9.6	8.0	5	7	8.7	21.4	6.9	18	5.0	7.8	4.9
				12	9	8.3	8.3	6	11.5	9.5	6	5	10.4	**	8.3	13	6.0	9.4	5.8	
50W AR111 Halogen	VNSP	4°	3000	50000	12	347	0.8	0.8	226	1.1	1.0	6	174	10.4	1.7	0.8	491	6.0	0.8	0.6
					16	195	1.1	1.1	127	1.5	1.3	10	63	17.3	2.8	1.4	177	10.0	1.4	1.0
					20	125	1.4	1.4	81	1.9	1.6	14	32	24.2	3.9	2.0	90	14.0	2.0	1.4
					24	87	1.7	1.7	56	2.2	1.9	18	19	31.2	5.0	2.5	55	18.0	2.5	1.8
					28	64	2.0	2.0	41	2.6	2.3	22	13	38.1	6.2	3.1	37	22.0	3.1	2.2
	SP	8°	3000	23000	12	160	1.7	1.7	104	2.2	1.9	4	180	6.9	2.3	1.1	508	4.0	1.1	0.8
					16	90	2.2	2.2	58	3.0	2.6	6	80	10.4	3.4	1.7	226	6.0	1.7	1.2
					20	58	2.8	2.8	37	3.7	3.2	8	45	13.9	4.5	2.2	127	8.0	2.2	1.6
	FL	25°	3000	4000	24	40	3.4	3.4	26	4.5	3.9	10	29	17.3	5.7	2.8	81	10.0	2.8	2.0
					28	29	3.9	3.9	19	5.2	4.5	12	20	20.8	6.8	3.4	56	12.0	3.4	2.4
					6	111	2.7	2.7	72	3.6	3.1	2	125	3.5	4.2	1.8	354	2.0	1.9	1.3
					8	63	3.5	3.5	41	4.8	4.1	3	56	5.2	6.2	2.7	157	3.0	2.8	1.9
				10	40	4.4	4.4	26	6.0	5.1	4	31	6.9	8.3	3.5	88	4.0	3.7	2.5	
				12	28	5.3	5.3	18	7.2	6.1	5	20	8.7	10.4	4.4	57	5.0	4.7	3.1	
				14	20	6.2	6.2	13	8.4	7.2	6	14	10.4	12.5	5.3	39	6.0	5.6	3.8	

The beam spread in degrees and the beam "L" and "W" in the following tables are computed at 50% of centerbeam candlepower and represent areas of "effective illumination."
 **Due to steep aiming angle, length of beam extends beyond 25'.



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