

Ceiling Cutout: 8 1/4 (210mm) Dia.

Reflector Trim			Frame-In Kit	Lamp
Finish	30° Cut Cone	45° Cut Cone	CDF7P56D	PAR56 300W-500W Mogul End Prong
Self-Flange Polished				
Specular Clear Alzak®	AA7CLP30	AA7CLP45		
Specular Gold Alzak®	AA7GDP30	AA7GDP45		
Specular Black Alzak®	AA7BKP30	AA7BKP45		
Self-Flange White				
Specular Clear Alzak®	AA7CLW30	AA7CLW45		
Specular Gold Alzak®	AA7GDW30	AA7GDW45		
Specular Black Alzak®	AA7BKW30	AA7BKW45		

Features

- Housing:** Steel .029" (22 ga.), matte black finish. Top Housing: Aluminum, .050" (16ga.), matte black inside. Removable for top relamping.
- Mounting Frame:** 0.50 (16 ga.) formed aluminum suitable for dry or plaster ceilings.
- Aperture Cone:** Specular Alzak® aluminum, .050 (16 ga.) Note: When accessories are in place the following restrictions apply: AA7 series 45° cut cone aiming angle limited to 30° to 45°
- Lampholder Assembly:** Die-formed .036 (20 ga.) steel provided with tension springs for fast snap-in, snap-out lamping. Matte black finish. Beam orientation locking provided.
- Mounting Brackets:** Adjust vertically from inside or outside of fixture. Durable .059 (16 ga.) steel construction. Use with standard 3/4" or 1 1/2" lathing channels, or 1/2" (11/16" O.D.) EMT tubing (by others), or Lightolier accessory mounting bars.
- Junction Box:** 2 7/8" x 3 1/2" x 4"; .063" (14 ga.) galvanized steel, UL Listed for maximum of 8 No. 12 AWG 90°C through branch circuit wires. Accessible from inside and outside of fixture. Outside J-Box door is hinged for maximum opening. Snap-in plug is provided on inside of cover for quick connection with socket harness.
- Socket Harness:** Porcelain socket-mogul end prong base. Pre-wired with No. 18 ga. SF-1 leads.
- Vertical Lock:** Finger locking knob. Provides positive vertical adjustment lock, 45° adjustment.
- Horizontal Lock:** Finger locking knob. Provides positive horizontal adjustment lock, 350° rotation.
- Lamp Guard:** 20 ga. woven steel mesh. Matte black finish.
- Thermal Protector:** Meets NEC and UL requirements

Options & Accessories

- Mounting Bars:** **1950** - 18" set of (2)
1951 - 27" set of (2)
- T-bar Anchor Clips:** **1956** - set of (4), for use with above.
For all other accessories see separate accessories specification sheet.

Labels

UL (Suitable for Damp Locations, I.B.E.W.)
Fixture is not for residential use. Install with minimum spacing as follows:
4' between centers of adjacent fixtures, 6" between top of fixture and overhead building member, 2' between fixture center and side wall.

Alzak® is a registered trademark of ALCOA.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Lightolier a Genlyte Thomas Company www.lightolier.com
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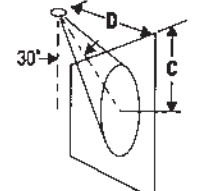


Lighting Performance Data

	Narrow					Medium				
	200W PAR56 NSP		300W PAR56 NSP		500W PAR56 NSP (T-H)		300 PAR56 MFL		500W PAR56 MFL (T-H)	
FOOTCANDLES (On Beam Center At 6')	1,694		1,899		2,639		667		1,319	
BEAM SPREAD (To 50% Max. CP)	12° x 15°		8° x 10°		8° x 13°		12° x 24°		10° x 25°	
MAX. CANDLEPOWER (Candelas)	61,000		68,000		95,000		24,000		47,500	
RATED LIFE (Hours)	2,000		2,000		4,000		2,000		4,000	
0° AIMING ANGLE										
Illumination on Horizontal Plane	D	FC L W	D	FC L W	D	FC L W	D	FC L W	D	FC L W
	15'	271 3.2' 3.9'	15'	302 2.1' 2.6'	16'	371 2.2' 3.6'	10'	240 2.1' 4.3'	15'	211 2.6' 6.7'
	20'	153 4.2' 5.3'	20'	170 2.8' 3.5'	24'	165 3.4' 5.5'	15'	107 3.2' 6.4'	20'	119 3.5' 8.9'
	25'	98 5.3' 6.6'	25'	109 3.5' 4.4'	32'	93 4.5' 7.3'	20'	60 4.2' 8.5'	25'	76 4.4' 11.1'
	30'	68 6.3' 7.9'	30'	76 4.2' 5.2'	40'	59 5.6' 9.1'	25'	38 5.3' 10.6'	30'	53 5.2' 13.3'
30° AIMING ANGLE										
Illumination on Horizontal Plane	D	FC L W	D	FC L W	D	FC L W	D	FC L W	D	FC L W
	10'	396 2.8' 3.0'	10'	442 1.9' 2.0'	12'	429 2.2' 3.2'	8'	244 2.3' 3.9'	10'	309 2.3' 5.1'
	15'	176 4.2' 4.6'	15'	196 2.8' 3.0'	20'	154 3.7' 5.3'	12'	108 3.4' 5.9'	15'	137 3.5' 7.7'
	20'	99 5.6' 6.1'	20'	110 3.7' 4.0'	28'	79 5.2' 7.4'	16'	61 4.5' 7.9'	20'	77 4.7' 10.2'
	25'	63 7.0' 7.6'	25'	71 4.7' 5.1'	36'	48 6.7' 9.5'	20'	39 5.6' 9.8'	25'	49 5.8' 12.8'
30° AIMING ANGLE										
Illumination on Vertical Plane	D	FC L W	D	FC L W	D	FC L W	D	FC L W	D	FC L W
	5'	305 4.3' 2.5'	5'	340 2.8' 1.7'	6'	330 3.4' 2.7'	4'	188 3.5' 3.4'	5'	238 3.6' 4.4'
	8'	119 7.0' 4.2'	8'	133 4.5' 2.8'	10'	119 5.7' 4.6'	6'	83 5.2' 5.1'	8'	93 5.7' 7.1'
	11'	63 9.6' 5.8'	11'	70 6.2' 3.8'	14'	61 7.9' 6.4'	8'	47 7.0' 6.8'	11'	48 7.9' 9.8'
	14'	39 12.2' 7.4'	14'	43 7.9' 4.9'	18'	37 10.2' 8.2'	10'	30 8.7' 8.5'	14'	30 10.0' 12.4'

	Wide					
	200W PAR56 MFL	300W PAR56 WFL	500W PAR56 WFL (T-H)			
FOOTCANDLES (On Beam Center At 6')	450	306	500			
BEAM SPREAD (To 50% Max. CP)	17° x 37°	17° x 37°	20° x 40°			
MAX. CANDLEPOWER (Candelas)	16,200	11,000	18,000			
RATED LIFE (Hours)	2,000	2,000	4,000			
0° AIMING ANGLE						
Illumination on Horizontal Plane	D	FC L W	D	FC L W	D	FC L W
	8'	253 2.4' 5.4'	8'	172 2.5' 5.4'	8'	261 2.8' 5.8'
	12'	113 3.6' 8.0'	12'	76 3.8' 8.0'	12'	125 4.2' 8.7'
	15'	63 4.8' 10.7'	16'	43 5.1' 10.7'	15'	70 5.6' 11.6'
	20'	41 6.0' 13.4'	20'	28 6.3' 13.4'	20'	45 7.1' 14.6'
30° AIMING ANGLE						
Illumination on Horizontal Plane	D	FC L W	D	FC L W	D	FC L W
	7'	215 2.8' 5.4'	7'	145 3.0' 5.4'	7'	239 3.3' 5.9'
	10'	105 4.0' 7.7'	10'	71 4.3' 7.7'	10'	117 4.8' 8.4'
	13'	62 5.2' 10.0'	13'	42 5.5' 10.0'	13'	69 6.2' 10.9'
	16'	41 6.4' 12.4'	16'	28 6.8' 12.4'	16'	46 7.5' 13.4'
30° AIMING ANGLE						
Illumination on Vertical Plane	D	FC L W	D	FC L W	D	FC L W
	3'	225 3.8' 4.0'	3'	153 4.1' 4.0'	3'	250 4.7' 4.4'
	4'	127 5.1' 5.4'	4'	86 5.5' 5.4'	4'	141 6.2' 5.8'
	5'	81 6.4' 6.7'	5'	55 6.9' 6.7'	5'	90 7.8' 7.3'
	6'	56 7.7' 8.0'	6'	38 8.2' 8.0'	6'	63 9.3' 8.3'

Data are based on bare lamp photometrics.
 Dashed lines in beam spread indicate narrow axes of oval shaped beams.
 FC is initial footcandles at center of beam. L and W are to the point that the candlepower drops 50% of maximum



Beam Center Location

Distance D (ft.)	1	2	3	4	5	6	7	8	9	10
Distance C (ft.)	1.7	3.5	5.2	6.9	8.7	10.4	12.1	13.8	15.6	17.3

This chart locates the distance (C) to the center of the light beam for various distances (D) when the lamp is aimed 30° from vertical, the preferred aiming angle for lighting pictures on a wall

Job Information **Type:**

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