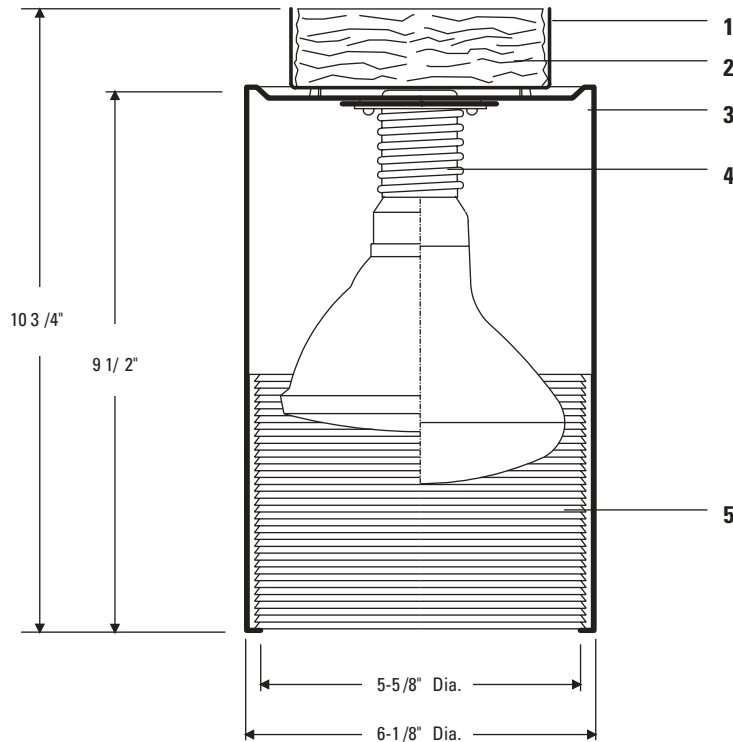




Calculite® Incandescent Surface Cylinder 7065AZ

Page 1 of 2

6" Aperture ER30 / ER 40 / BR30 / BR40 / PAR38 Multi-Groove Baffle



Catalog Number	Lamp
7065AZ Matte white	ER30, 75W BR30, 85W BR40, 120W ER40, 120W PAR38, 150W

Features

- Collar:** One piece 16 ga. spun aluminum. Matte black finish
- Heat Insulator:** Fiberglass bulk insulation.
- Reflector:** 16 ga. Specular clear Alzak® aluminum. 50° visual cut-off to lamp and lamp image.
- Housing:** One piece spun 16 ga. aluminum with returned bottom edge . Matte white baked enamel finish.
- Socket:** Medium base porcelain, nickel plated screw shell.
- Multi-groove Baffle:** Seamless aluminum; uniform, sharp edged grooves spaced 1/8" apart. Optical black finish provides ultra-low aperture brightness. Precisely matches 6" aperture recessed Calculites.

Options & Accessories

Stem Kit: 7249 Matte white

Permits surface units to be stem mounted. Supplied with 1/2" dia. and 5 1/2" dia. canopy. 37 5/8" O.A. Length. Stem can be cut to length at the job site. Self aligning swivel provides up to 41° vertical adjustment.

Other reflector and housing finishes consult factory.



Electrical

Requires 75°C Supply wires. No.18 SF-1 leads to porcelain socket.

Labels

UL Listed for damp locations, I.B.E.W.

Alzak® is a registered trademark of ALCOA.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte Thomas Company
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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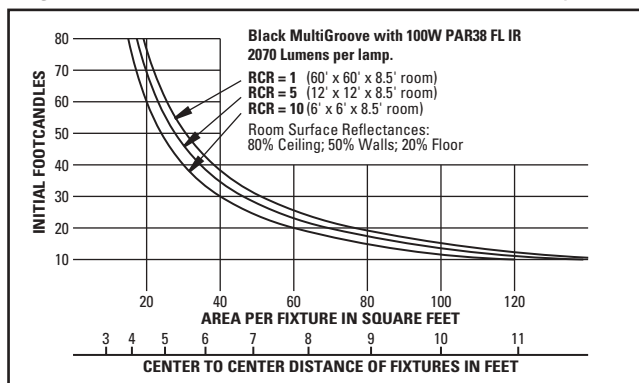
LIGHTOLIER®



Calculite® Incandescent Surface Cylinder 7065AZ

Page 2 of 2

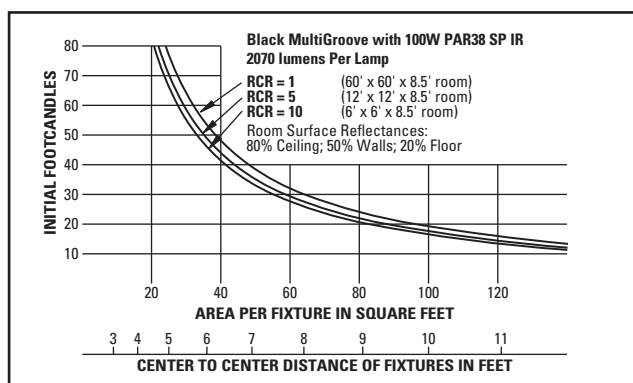
6" Aperture ER30 / ER 40 / BR30 / BR40 / PAR38 Multi-Groove Baffle



Use quick calculator chart to determine spacing of luminaires for desired level of illumination.
Conversion Factors:

120W PAR38 FL, F.C. X 0.9.
90W IR PAR38 FL, F.C. X 0.7.
90W PAR38 FL, F.C. X 0.6.
60W IR PAR38 FL, F.C. X 0.5.
60W PAR38 FL, F.C. X 0.4.

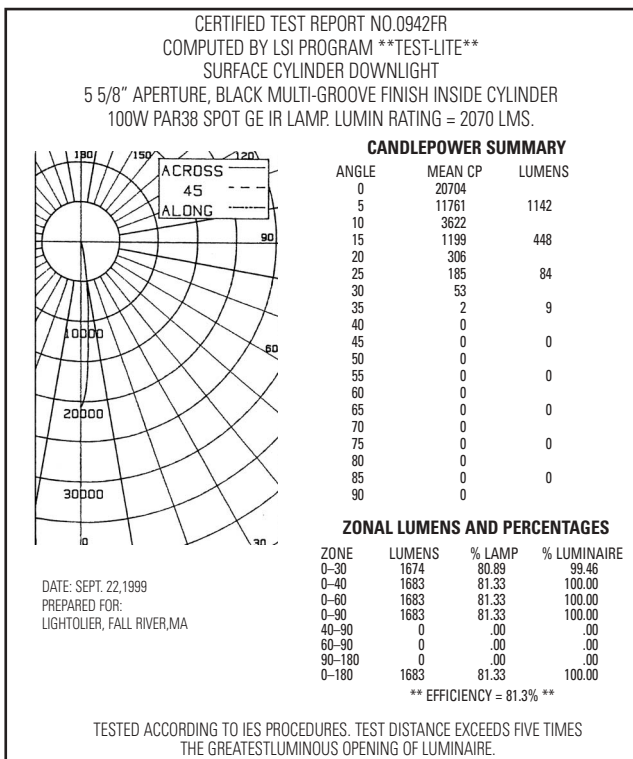
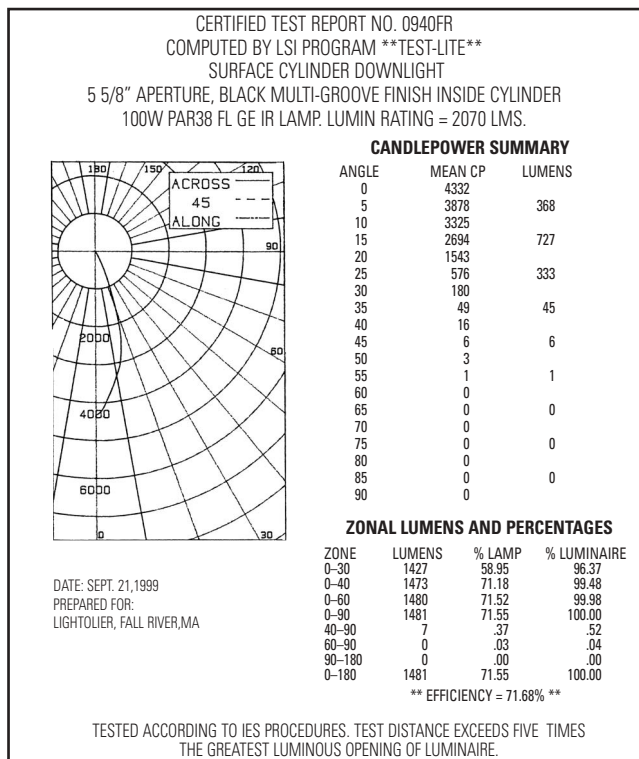
SPACING RATIO = 0.6



Use quick calculator chart to determine spacing of luminaires for desired level of illumination.
Conversion Factors:

120W PAR38 SP, F.C. X 0.9.
90W IR PAR38 SP, F.C. X 0.7.
90W PAR38 SP, F.C. X 0.6.
60W IR PAR38 SP, F.C. X 0.5.
60W PAR38 SP, F.C. X 0.4.

SPACING RATIO = 0.2



COEFFICIENTS OF UTILIZATION																																																
% EFFECTIVE CEILING CAVITY REFLECTANCE																																																
ROOM CAVITY RATIO	80									70									50									30									10									0		
	% WALL REFLECTANCE									% WALL REFLECTANCE									% WALL REFLECTANCE									% WALL REFLECTANCE									% WALL REFLECTANCE									% WALL REFLECTANCE		
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10																		
1	.81	.80	.79	.80	.79	.78	.77	.76	.76	.74	.74	.73	.72	.72	.71	.70	.70	.69	.68	.68	.67	.66	.66	.65	.65	.65	.64	.64	.63	.63	.62																	
2	.78	.77	.75	.77	.75	.74	.75	.74	.73	.73	.72	.71	.71	.70	.70	.69	.68	.67	.66	.66	.65	.65	.64	.64	.63	.63	.62	.62	.61	.61	.60																	
3	.76	.74	.72	.75	.73	.72	.73	.72	.70	.72	.71	.69	.70	.69	.68	.66	.65	.65	.64	.64	.63	.63	.62	.62	.61	.61	.60	.60	.59	.58	.57																	
4	.74	.71	.70	.73	.71	.69	.72	.70	.68	.70	.69	.68	.69	.68	.66	.65	.64	.63	.63	.62	.62	.61	.61	.60	.60	.59	.58	.57	.56	.55	.54																	
5	.71	.69	.67	.71	.68	.67	.70	.68	.66	.69	.67	.66	.68	.66	.65	.64	.63	.62	.62	.61	.61	.60	.60	.59	.58	.57	.56	.55	.54	.53	.52																	
6	.70	.67	.66	.69	.67	.65	.68	.66	.65	.68	.66	.64	.67	.65	.64	.63	.62	.61	.61	.60	.60	.59	.58	.57	.56	.55	.54	.53	.52	.51	.50																	
7	.68	.65	.64	.67	.65	.63	.66	.64	.63	.66	.64	.63	.65	.63	.62	.61	.60	.60	.59	.58	.57	.56	.55	.54	.53	.52	.51	.50	.49	.48	.47																	
8	.66	.64	.62	.65	.63	.62	.65	.63	.62	.65	.63	.62	.65	.63	.61	.64	.62	.61	.60	.60	.59	.58	.57	.56	.55	.54	.53	.52	.51	.50	.49																	
9	.65	.62	.60	.64	.62	.60	.64	.62	.60	.64	.62	.60	.63	.61	.60	.63	.61	.60	.59	.58	.57	.56	.55	.54	.53	.52	.51	.50	.49	.48	.47																	
10	.63	.61	.59	.63	.61	.59	.62	.60	.59	.62	.60	.59	.62	.60	.59	.62	.60	.59	.58	.57	.56	.55	.54	.53	.52	.51	.50	.49	.48	.47	.46																	
20% FLOOR CAVITY REFLECTANCE																																																

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	% WALL REFLECTANCE						% WALL REFLECTANCE						% WALL REFLECTANCE						% WALL REFLECTANCE						% WALL REFLECTANCE						% WALL REFLECTANCE					
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10						
1	.93	.92	.91	.92	.91	.90	.88	.88	.87	.86	.85	.85	.83	.82	.82	.81	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66					
2	.91	.89	.87	.89	.88	.86	.87	.86	.85	.85	.84	.83	.84	.83	.82	.82	.81	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67					
3	.88	.87	.85	.87	.86	.84	.86	.84	.83	.84	.83	.82	.82	.81	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64					
4	.87	.85	.83	.86	.84	.82	.85	.83	.82	.83	.82	.81	.82	.81	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64					
5	.85	.83	.81	.85	.83	.81	.83	.82	.80	.82	.81	.80	.81	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63					
6	.84	.82	.81	.84	.82	.80	.83	.81	.80	.82	.80	.79	.81	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63					
7	.83	.81	.79	.83	.81	.79	.82	.80	.79	.81	.79	.78	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63	.62					
8	.82	.80	.79	.81	.80	.78	.81	.79	.78	.80	.79	.78	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63	.62					
9	.81	.79	.78	.81	.79	.78	.80	.79	.77	.80	.79	.77	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63	.62					
10	.80	.78	.77	.80	.78	.77	.79	.78	.77	.79	.78	.77	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63	.62	.61					
20% FLOOR CAVITY REFLECTANCE																																				

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