

Complete fixture consists of Frame-In Kit, Reflector, and Lytegem.

Lytegems Catalog No.	Use with Reflector Trims	Use With Frame-In Kit	Lamps	Dimensions										
				D	E	H	A							
1302 	2005 2005WH	2000LV, 2000LVR	50W MR16	3 3/8"	1 1/2"	5 1/2" 5 3/8" for LV F.I.K.	3 3/8"							
		2000LVNT	42W MR16											
		2002P1 2003R*	40W A19 (60W A19)* 50W PAR20 75W PAR16, R20											
	2008 2010 2012	2013 2013BK 2013CD 2013WH	2002P1 2003R*	40W A19 (60W A19)* 50W PAR 20 75W PAR16, R20	3 3/8"	1 1/2"	5 1/2"	3 3/8"						
1402 	1005 1005WH 1008 1010 1013WH	1012 1013 1013BK 1013CD	1002P1, 1000IC	65W BR30 (85W BR30)* 75W A19, PAR30 †40W A19 in IC Kits	6 11/16"	1 1/2"	6 3/4" 7 5/16" for IC F.I.K.	4 5/8"						
			1000ICM, 1000AICM 1003R*											
			1027 1027BK 1027CD	1027WH 1038 1048					1002P1, 1000IC 1000ICM, 1000AICM 1003R	50W PAR20 75W PAR16, PAR30	6 11/16"	1 1/2"	7" 7 5/16" for IC F.I.K.	4 5/8"
			1055LV 1055WHLV 1056LV	1063LV 1064LV					1000LV, 1000ICV 1000LVNT	75W MR16 †35W MR16, (ICV) 65W MR16	6 11/16"	1 1/2"	6 5/8" 7 5/16" for IC F.I.K.	4 5/8"
1502 	1105 1105WH 1113CD 1108 1110	1112 1113	1102P1	100W A19 150W A21, PAR38, BR40	8 5/8"	2"	7 15/16"	6 1/4"						
			1103R											
			1105T 1105TWH	1113TCL 1113TGD					1102T Series 1102T13U 1102T18U 1102T26U	(2) 13W Twin Tube (2) 13W Quad Tube (2) 18W Quad Tube (2) 26W Quad Tube	8 5/8"	2"	3 7/8"	6 1/4"
			1127 1127BK 1127CD	1127WH 1138 1148					1102P1 1103R	85W BR30 150W BR40, PAR38	8 5/8"	2"	7 15/16"	6 1/4"
			1155 1155WH	1163 1164					1102P1 1103R	50W PAR36 12V 25W PAR36 5.5V	8 5/8"	2"	7 1/8"	6 1/4"
			1161	1161WH					1102P1 1103R	50W MR16	8 5/8"	2"	7 1/4"	6 1/4"
			1105HR	1113HR					1100HF/ All Ballast Assemblies 1102HF	See Lytecaster H.I.D. Spec Sheet	8 5/8"	2"	7 15/16" See Spec	6 1/4"

### Features

- Reflector Trim:** (See Reflector Trim Specification Sheet.)
- Lamp:** See Reflector Trim Specification Sheet and above.
- Frame-In Kit:** (See Frame-In Kit Specification Sheet.)
- Die-Cast Collar:** Matte black.
- Lytegem:** Cast glass, clear etched.

### Lighting Data

Provided for matte black step baffle only.

### Mechanical

Mounted to reflector trim flange by (2) toggle screws and (1) screw provided.

### Finish

Painted finish baked enamel.

### Labels

UL (Suitable for Damp Locations) I.B.E.W.

### Job Information

### Type:

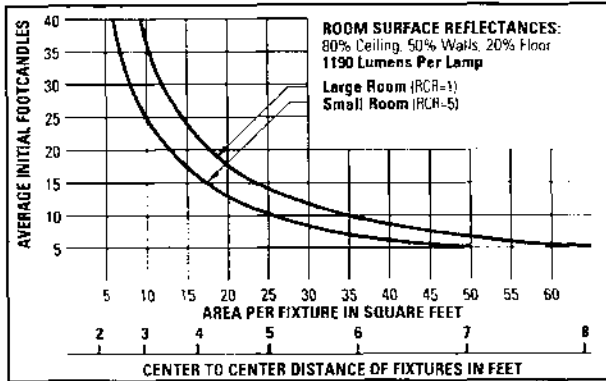
**Job Name:**

**Cat. No.:**

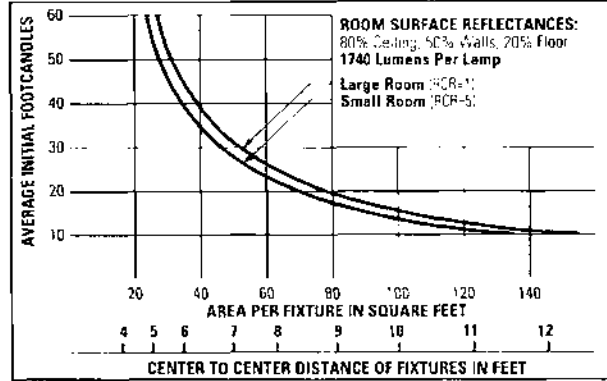
**Lamp(s):**

**Notes:**

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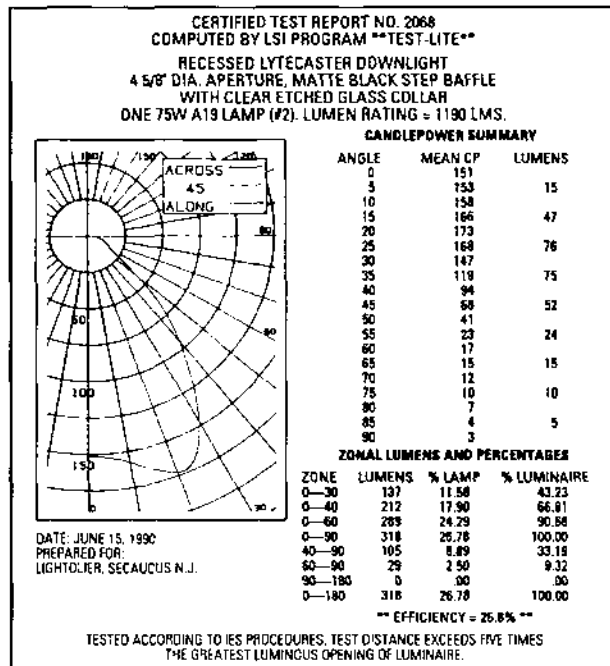


Use quick calculator chart to determine the spacing of 75 Watt A19 (1005) units for a desired level of illumination. Conversion Factors: 1005: 13W DTT, F.C. x 0.6. 1105: 150W A21, F.C. x 3.2. 100W A19, F.C. x 2.0. 13W DTT, F.C. x 0.9. 2005: 40W A19, F.C. x 0.2.

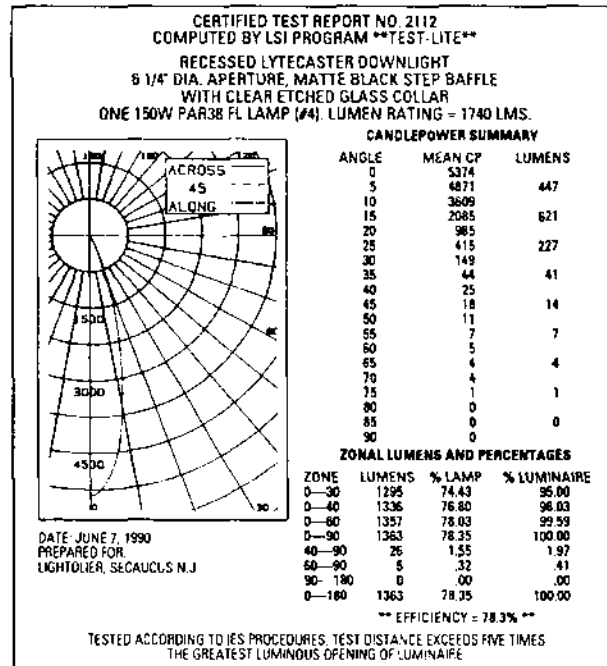


Use quick calculator chart to determine the spacing of 150 Watt PAR38 FL (1005) units for a desired level of illumination. Conversion Factors: 1005: 75W PAR30 FL, F.C. x 0.7. 75W R30 FL, F.C. x 0.3. 1065: 50W MR16 FL, F.C. x 0.5. 1105: 150W R40 FL, F.C. x 0.8. 2005: 50W PAR20 FL, F.C. x 0.4. 75W PAR16 NFL, F.C. x 0.6. 50W R20, F.C. x 0.2.

### SPACING RATIO = 1.3



### SPACING RATIO = 0.4



### COEFFICIENTS OF UTILIZATION

#### % EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% WALL REFLECTANCE															
	80		70		50		30		10		0					
	50	30	10	50	30	10	50	30	10	50	30	10	0			
1	.29	.28	.29	.29	.28	.27	.27	.27	.26	.26	.26	.26	.25	.24		
2	.27	.25	.24	.26	.25	.24	.25	.24	.23	.24	.24	.23	.24	.22	.22	
3	.24	.23	.21	.24	.22	.21	.23	.22	.21	.23	.22	.21	.22	.21	.20	.20
4	.22	.21	.19	.22	.21	.19	.21	.20	.19	.21	.20	.19	.20	.19	.18	.18
5	.21	.19	.17	.20	.19	.17	.20	.18	.17	.19	.18	.17	.19	.18	.17	.16
6	.19	.17	.16	.19	.17	.16	.18	.17	.16	.18	.16	.15	.18	.16	.15	.15
7	.17	.16	.14	.17	.15	.14	.17	.15	.14	.16	.15	.14	.16	.15	.14	.13
8	.16	.14	.13	.16	.14	.13	.16	.14	.13	.15	.14	.13	.15	.14	.13	.12
9	.15	.13	.12	.15	.13	.12	.14	.13	.11	.14	.13	.11	.14	.12	.11	.11
10	.14	.12	.10	.13	.12	.10	.13	.12	.10	.13	.11	.10	.13	.11	.10	.10

#### 20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 1005: 13W DTT, C.U. x 0.9. 1105: 150W A21, C.U. x 1.4. 100W A19, C.U. x 1.4. 13W DTT, C.U. x 1.3. 2005: 40W A19, C.U. x 0.5.

### COEFFICIENTS OF UTILIZATION

#### % EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% WALL REFLECTANCE															
	80		70		50		30		10		0					
	50	30	10	50	30	10	50	30	10	50	30	10	0			
1	.89	.88	.87	.88	.87	.85	.84	.84	.83	.82	.81	.80	.79	.79	.78	.77
2	.86	.84	.82	.84	.83	.81	.82	.81	.79	.80	.79	.78	.78	.77	.76	.75
3	.83	.81	.79	.82	.80	.78	.80	.79	.77	.79	.77	.76	.77	.76	.75	.74
4	.81	.78	.76	.80	.78	.76	.78	.76	.75	.77	.75	.74	.76	.74	.73	.73
5	.78	.76	.74	.78	.75	.73	.76	.74	.73	.75	.74	.72	.74	.73	.72	.71
6	.77	.74	.72	.76	.74	.72	.75	.73	.71	.74	.72	.71	.73	.72	.70	.70
7	.75	.72	.70	.74	.72	.70	.73	.71	.70	.73	.71	.69	.72	.70	.69	.68
8	.73	.70	.69	.72	.70	.68	.72	.70	.68	.71	.69	.68	.71	.69	.67	.67
9	.71	.68	.67	.71	.69	.67	.70	.68	.67	.70	.68	.66	.69	.68	.66	.66
10	.70	.67	.65	.70	.67	.65	.69	.67	.65	.69	.67	.65	.68	.66	.65	.64

#### 20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 1005: 75W PAR30 FL, C.U. x 1.0. 75W R30 FL, C.U. x 0.7. 1065: 50W MR16 FL, C.U. x 0.9. 1105: 150W R40 FL, C.U. x 0.8. 2005: 50W PAR20 FL, C.U. x 0.8. 75W PAR16 NFL, C.U. x 0.9. 50W R20, C.U. x 0.6.

To convert lighting data for a lower wattage incandescent lamp of the same type, multiply the footcandle (or candlepower) values by the ratio of the lumens of the two lamps. The coefficients of utilization remain the same.

### Job Information

### Type:

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