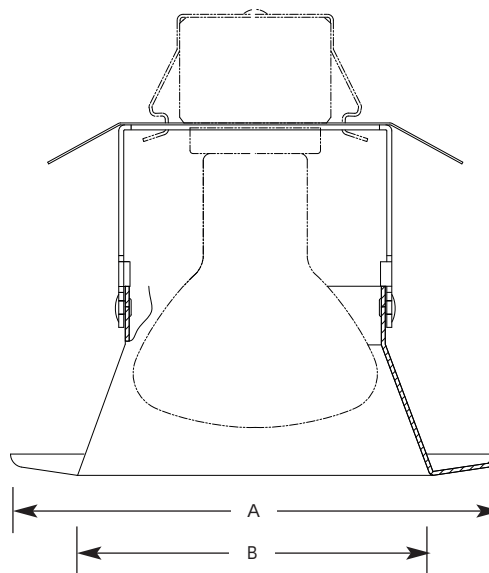


Type _____

-21 -22

P8043 ☐ ☐

Catalog No.	Finish		Dimensions (Inches)	
	Clear Alzak®	Gold Alzak®	A	B
P8043	-21	-22	5	3-7/8


Lamp Wattage

Housing	IC	Non-IC
P831-AT	75PAR16/R20/50PAR20	75PAR16/R20/50PAR20
P830-TG	N/A	55PAR16/50R/PAR20
P832-TG	N/A	55PAR16/50R/PAR20

Specifications:
Flange

- Bright white powdered painted metal flange
- No light leaks around trim flange
- Covers irregular ceiling openings

Trim

- Aluminum construction
- Push-in Leaf Spring installation
- Lamp tilts 20 degrees., 360-degree positioning
- Socket mounts to trim for optimum performance and consistent lamp position
- Patented "hurricane" retention spring allows trim to be easily disengaged from below for maintenance.

Options

- Specular Clear Alzak® finish - specify "21" after catalog number
- Polished gold Alzak® finish - specify "22" after catalog number

Labels

- UL-CUL damp location listed

P830-TG

P830-TG WITH P8043-21

Report No. 98262

No. Lamps: 1 Type Lamp: 50PAR20/NFL-SYLVANIA Total Lumens: 530

Fixture Efficiency: 93.3%

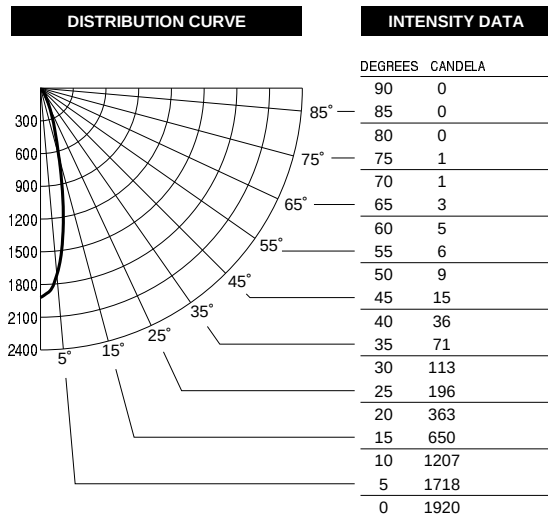
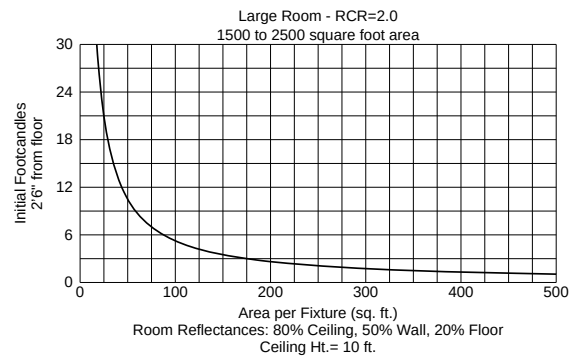
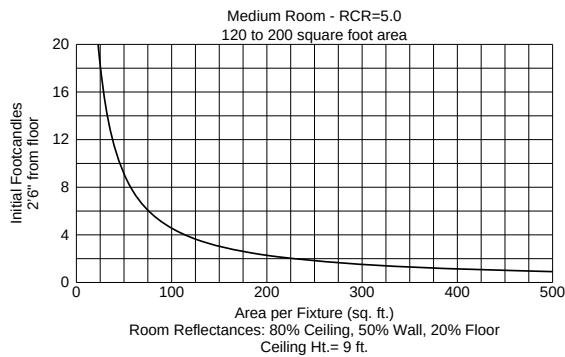
S/MH Ratio: 0.4

Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 47°			Beam Angle - 23°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	6.3	5	63.5	31.7	2
10	3.4	6	34.1	17.1	3
12	2.1	8	21.3	10.6	4
14	1.5	10	14.5	7.3	5
16	1.1	12	10.5	5.3	6

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



ZONAL CAVITY COEFFICIENTS OF UTILIZATION																					
Effective Floor Cavity Reflectance 0.20																					
RC	80				70				50				30			10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0	0		
0	111	111	111	111	108	108	108	108	103	103	103	99	99	99	95	95	95	93			
1	107	104	102	101	104	102	101	99	99	97	96	95	94	93	92	91	91	89			
2	103	99	96	93	101	97	94	92	94	92	90	92	90	88	89	88	86	85			
3	99	94	90	87	97	93	89	87	90	88	85	88	86	84	86	84	83	81			
4	95	90	85	82	94	89	85	82	87	83	81	85	82	80	83	81	79	78			
5	92	86	81	78	90	85	81	78	83	80	77	82	79	77	81	78	76	75			
6	89	82	78	75	87	82	77	74	80	77	74	79	76	74	78	75	73	72			
7	86	79	75	72	85	78	74	71	77	74	71	76	73	71	75	73	70	69			
8	83	76	72	69	82	76	72	69	75	71	68	74	71	68	73	70	68	67			
9	80	73	69	66	80	73	69	66	72	69	66	72	68	66	71	68	66	65			
10	78	71	67	64	77	71	67	64	70	66	64	69	66	64	69	66	64	63			

P830-TG

P830-TG WITH P8043-21

Report No. 98261

No. Lamps: 1 Type Lamp: 50PAR20/NFL-GE Total Lumens: 570

Fixture Efficiency: 98.8%

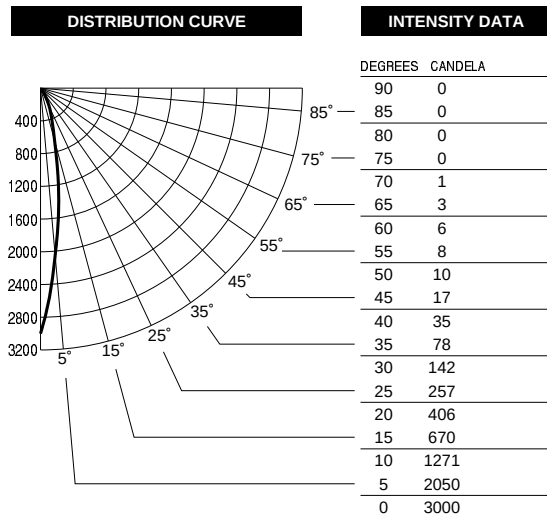
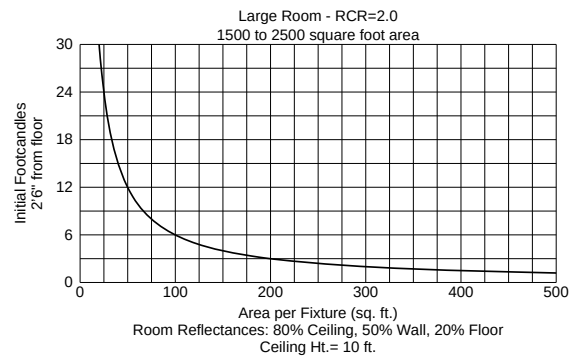
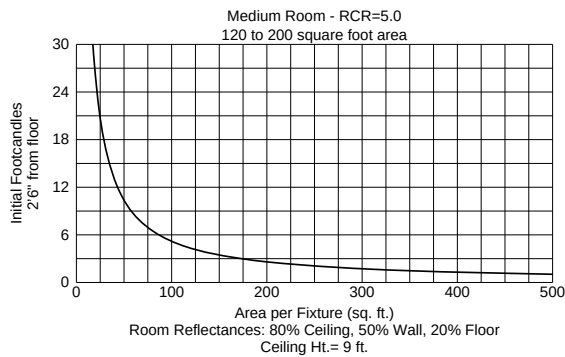
S/MH Ratio: 0.3

Single Fixture Data

	10% Values		Zero Degrees	50% Values	
Ceiling Ht.(Ft.)	Beam Angle - 42°			Beam Angle - 16°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	9.9	4	99.2	49.6	2
10	5.3	6	53.3	26.7	2
12	3.3	7	33.2	16.6	3
14	2.3	9	22.7	11.3	3
16	1.6	10	16.5	8.2	4

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



ZONAL CAVITY COEFFICIENTS OF UTILIZATION																				
Effective Floor Cavity Reflectance 0.20																				
RC	80				70				50				30				10			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
0	118	118	118	118	115	115	115	115	110	110	110	105	105	105	101	101	101	99		
1	113	111	109	107	111	109	107	106	105	104	102	101	100	99	98	97	96	95		
2	109	105	102	99	107	103	101	98	100	98	96	98	96	94	95	93	92	90		
3	105	100	96	93	103	99	95	92	96	93	91	94	91	89	92	90	88	87		
4	101	95	91	88	100	94	90	87	92	89	86	90	87	85	89	86	84	83		
5	98	91	87	83	96	90	86	83	89	85	82	87	84	81	86	83	81	80		
6	94	87	83	79	93	87	82	79	85	82	79	84	81	78	83	80	78	77		
7	91	84	79	76	90	83	79	76	82	78	76	81	78	75	80	77	75	74		
8	88	81	76	73	87	80	76	73	79	76	73	79	75	72	78	75	72	71		
9	86	78	74	71	85	78	73	70	77	73	70	76	73	70	75	72	70	69		
10	83	76	71	68	82	75	71	68	74	71	68	74	70	68	73	70	68	67		