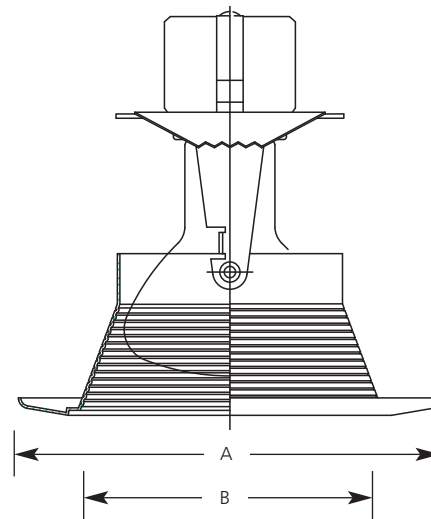
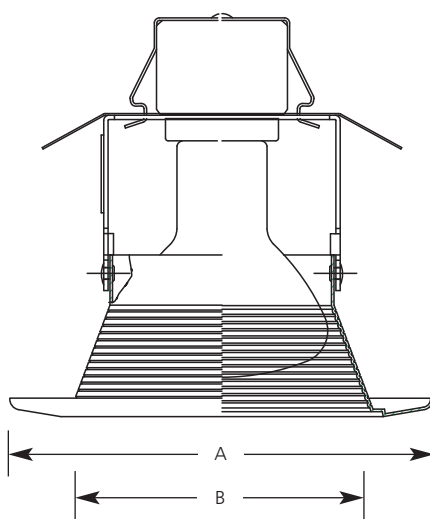


	Type _____				
	-09	-20	-28	-31	-36
P8037	☐	☐	☐	☐	☐

Catalog No.	Finish					Dimensions (Inches)	
	Brushed Nickel	Antique Bronze	White	Black	Chestnut	A	B
P8044	-09	-20	-28	-31	-36	5	3-1/2



Lamp Wattage

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

Specifications:

Flange

- White powder coated flange on white (-28) and black (-31) trims
- Brushed nickel (-09), antique bronze (-20), and chestnut (-36) have unpainted flanges that match the baffle finish
- No light leaks around trim flange
- Covers irregular ceiling openings

Trim

- Push-in leaf spring action forces trim to fit snugly against the ceiling
- Patented "Hurricane" leaf spring allows ease of trim removal by rotating counter-clockwise.

Trim con't

- Socket mounts to trim for optimum performance and consistent lamp position
- Steel construction

Options

- White (-28), black (-31), or chestnut (-36) painted finishes
- Brushed nickel (-09) or antique bronze (-20) plated finishes

Labels

- UL-CUL damp location listed

P830-TG

P830-TG WITH P8044-28

Report No. 98256

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

Fixture Efficiency: 93.4%

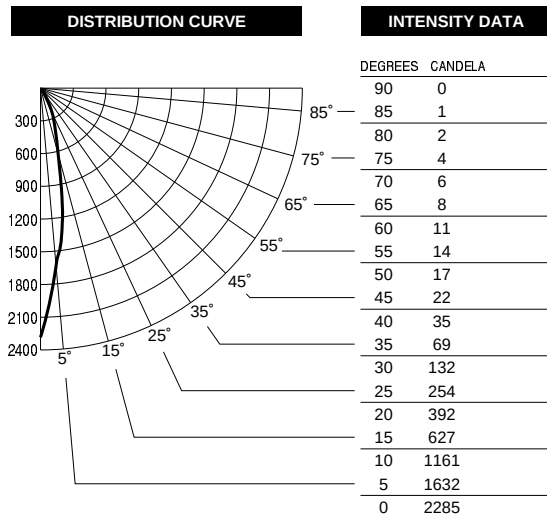
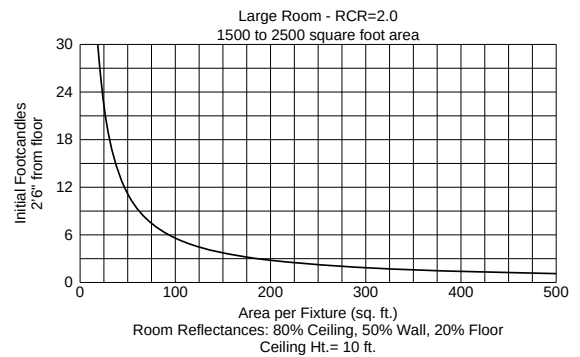
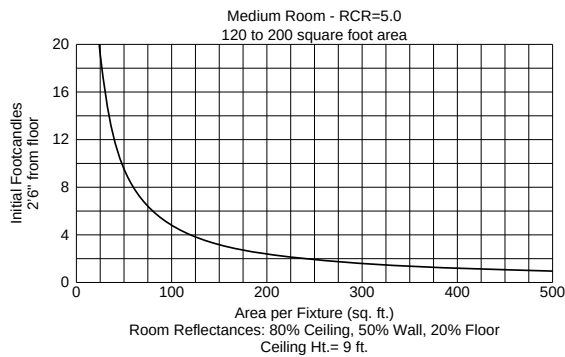
S/MH Ratio: 0.3

Single Fixture Data

	10% Values		Zero Degrees	50% Values	
Ceiling Ht.(Ft.)	Beam Angle - 47°			Beam Angle - 19°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	7.6	5	75.5	37.8	2
10	4.1	6	40.6	20.3	3
12	2.5	8	25.3	12.7	3
14	1.7	10	17.3	8.6	4
16	1.3	12	12.5	6.3	5

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	111	111	111	111	108	108	108	108	104	104	104	99	99	99	95	95	95	93		
1	106	104	102	100	104	102	100	98	98	97	95	95	94	92	92	91	90	88		
2	102	98	94	92	100	96	93	91	93	91	89	90	88	87	88	86	85	83		
3	98	92	88	85	96	91	87	84	89	86	83	87	84	82	85	82	81	79		
4	94	88	83	80	92	87	83	79	85	81	78	83	80	78	81	79	77	75		
5	90	84	79	75	89	83	78	75	81	77	75	80	76	74	78	75	73	72		
6	87	80	75	72	86	79	75	72	78	74	71	77	73	71	75	72	70	69		
7	84	77	72	69	83	76	72	68	75	71	68	74	70	68	73	70	67	66		
8	81	74	69	66	80	73	69	66	72	68	65	71	68	65	70	67	65	64		
9	78	71	66	63	77	70	66	63	70	66	63	69	65	63	68	65	62	61		
10	76	68	64	61	75	68	64	61	67	63	61	67	63	60	66	63	60	59		

P830-TG

P830-TG WITH P8044-28

Report No. 98257

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

Fixture Efficiency: 91.1%

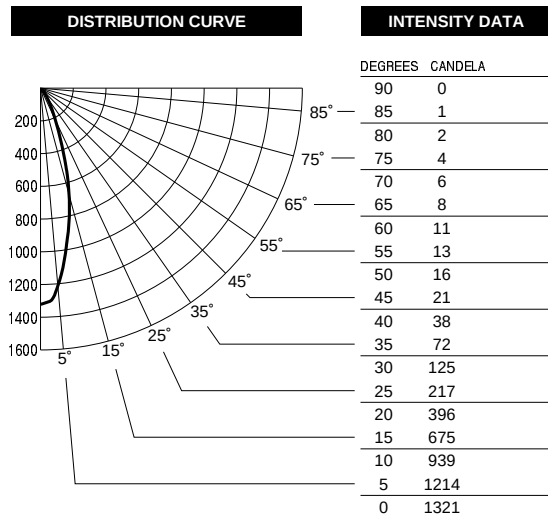
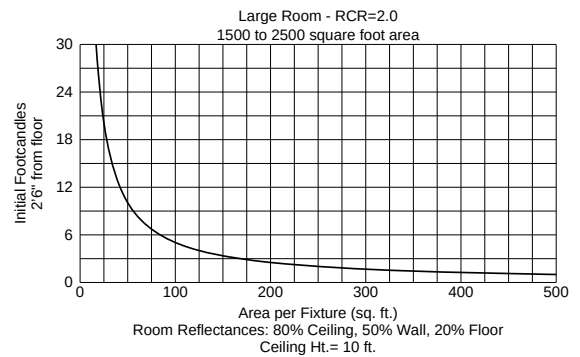
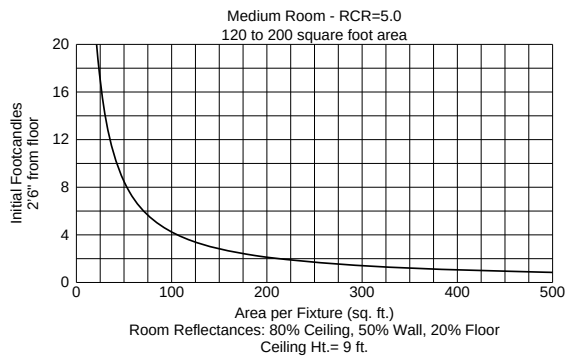
S/MH Ratio: 0.5

Single Fixture Data

	10% Values		Zero Degrees	50% Values	
Ceiling Ht.(Ft.)	Beam Angle - 53°			Beam Angle - 28°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	4.4	5	43.7	21.8	3
10	2.3	7	23.5	11.7	4
12	1.5	9	14.6	7.3	5
14	1.0	11	10.0	5.0	6
16	0.7	13	7.2	3.6	7

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	108	108	108	108	106	106	106	106	101	101	101	97	97	97	93	93	93	91	91	91
1	104	101	99	97	101	99	97	96	96	94	93	92	91	90	89	88	87	86	86	86
2	99	95	92	89	97	93	90	88	91	88	86	88	86	84	85	84	82	81	81	81
3	95	90	85	82	93	88	84	81	86	83	80	84	81	79	82	80	78	76	76	76
4	91	85	80	77	89	84	79	76	82	78	75	80	77	75	78	76	74	72	72	72
5	87	80	76	72	86	80	75	72	78	74	71	77	73	71	75	72	70	69	69	69
6	84	77	72	68	83	76	71	68	75	71	68	73	70	67	72	69	67	66	66	66
7	81	73	68	65	79	73	68	65	72	68	65	71	67	64	70	66	64	63	63	63
8	78	70	65	62	77	70	65	62	69	65	62	68	64	62	67	64	61	60	60	60
9	75	67	63	60	74	67	62	59	66	62	59	65	62	59	65	61	59	58	58	58
10	72	65	60	57	71	64	60	57	64	60	57	63	59	57	62	59	57	56	56	56