



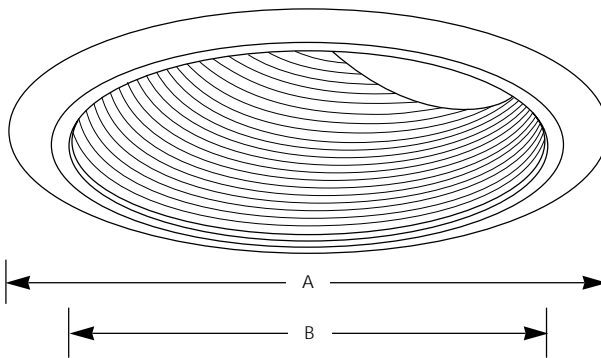
Incandescent

**45-Degree Sloped Ceiling
Baffle Trim
IC & Non-IC**

Recessed

Type _____
 -28 -31
 P8000

Catalog No.	Finish		Dimensions (Inches)	
	White	Black	A	B
P8000	-28	-31	9-3/4	7-3/4



Lamp Wattage

Housing	IC	Non-IC
P45-AT	120BR40/PAR38	120BR40/PAR38
P145-TG	N/A	250BR40/PAR38
P245-TG	75PAR38/BR40	75PAR38/BR40

Specifications:

Flange

- Bright white powder painted flange ring
- Covers irregular ceiling openings

Trim

- Single spring installation
- Aluminum die cast deep-groove baffle
- Lamp adjustable from below for perpendicular orientation in 9 to 45 degree (2/12 to 12/12) ceilings

Options

- White baffle - specify "28" after catalog number
- Black baffle - specify "31" after catalog number

Labels

- UL-CUL damp location listed

Progress Lighting
 Post Office Box 5704
 Spartanburg, South Carolina
 29304-5704

www.progresslighting.com

Rev. 12/99

P45AT

P45AT WITH P8000-28

Report No. 99005

No. Lamps: 1 Type Lamp: 120BR40 Total Lumens: 1600

Fixture Efficiency: 92.0%

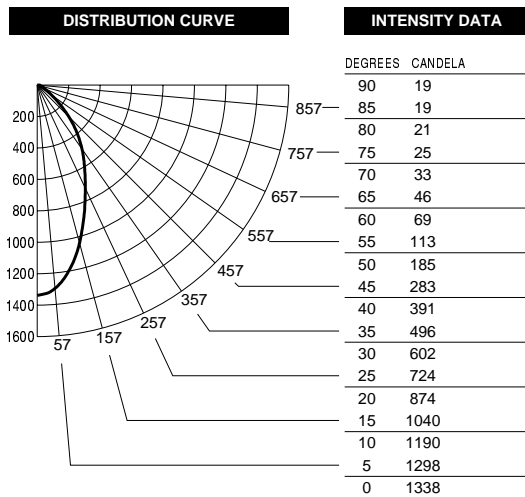
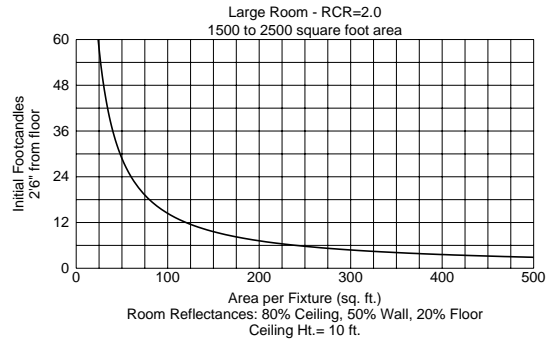
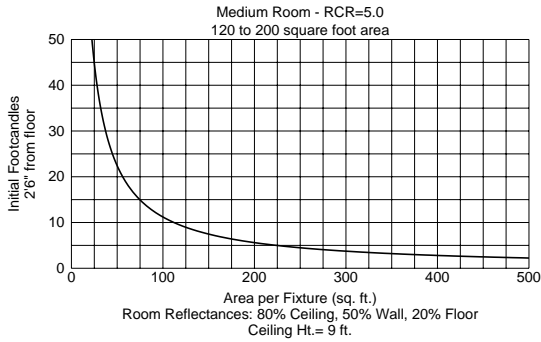
S/MH Ratio: 0.8

Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 857			Beam Angle - 437	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	4.4	10	44.2	22.1	4
10	2.4	14	23.8	11.9	6
12	1.5	17	14.8	7.4	7
14	1.0	21	10.1	5.1	9
16	0.7	25	7.3	3.7	11

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	Effective Floor Cavity Reflectance 0.20																	
	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	110	110	110	110	107	107	107	107	102	102	102	98	98	98	94	94	94	92
1	103	99	96	94	100	97	95	92	94	91	89	90	88	87	87	85	84	82
2	96	90	86	82	94	89	84	81	86	82	79	83	80	77	80	78	76	74
3	90	83	77	72	88	81	76	72	79	74	70	76	73	69	74	71	68	67
4	84	76	69	65	82	75	69	64	72	67	63	70	66	63	69	65	62	60
5	79	70	63	58	77	69	63	58	67	62	57	65	61	57	64	60	56	55
6	74	64	58	53	73	64	57	53	62	57	52	61	56	52	59	55	52	50
7	70	60	53	49	68	59	53	48	58	52	48	57	52	48	55	51	48	46
8	66	56	49	45	65	55	49	45	54	48	44	53	48	44	52	47	44	42
9	62	52	46	41	61	51	45	41	51	45	41	50	45	41	49	44	41	39
10	59	49	43	38	58	48	42	38	47	42	38	47	42	38	46	41	38	37

P45AT

P45AT WITH P8000-31

Report No. 99006

No. Lamps: 1 Type Lamp: 120BR40 Total Lumens: 1600

Fixture Efficiency: 92.0%

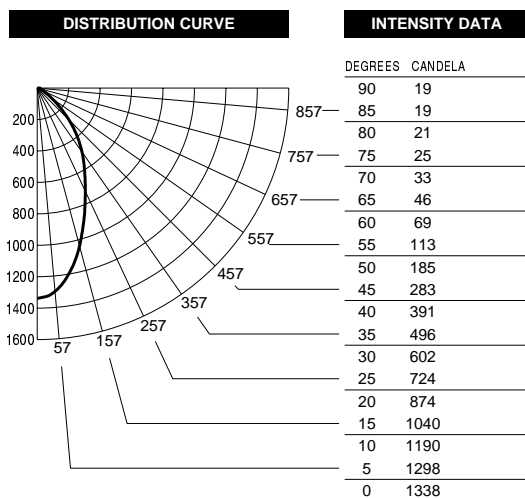
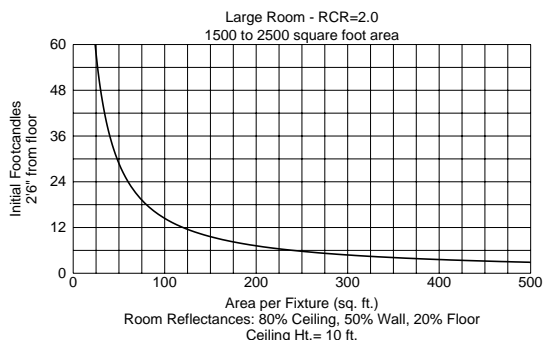
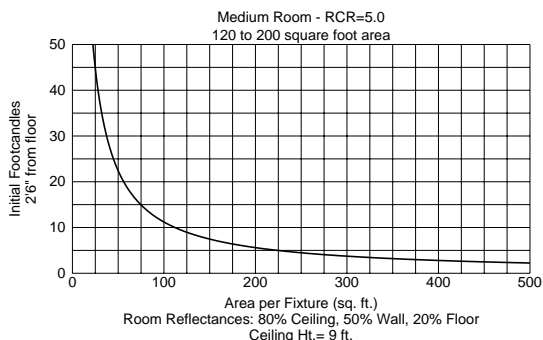
S/MH Ratio: 0.8

Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 857			Beam Angle - 437	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	4.4	10	44.2	22.1	4
10	2.4	14	23.8	11.9	6
12	1.5	17	14.8	7.4	7
14	1.0	21	10.1	5.1	9
16	0.7	25	7.3	3.7	11

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	Effective Floor Cavity Reflectance 0.20																	
	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	110	110	110	110	107	107	107	107	102	102	102	98	98	98	94	94	94	92
1	103	99	96	94	100	97	95	92	94	91	89	90	88	87	87	85	84	82
2	96	90	86	82	94	89	84	81	86	82	79	83	80	77	80	78	76	74
3	90	83	77	72	88	81	76	72	79	74	70	76	73	69	74	71	68	67
4	84	76	69	65	82	75	69	64	72	67	63	70	66	63	69	65	62	60
5	79	70	63	58	77	69	63	58	67	62	57	65	61	57	64	60	56	55
6	74	64	58	53	73	64	57	53	62	57	52	61	56	52	59	55	52	50
7	70	60	53	49	68	59	53	48	58	52	48	57	52	48	55	51	48	46
8	66	56	49	45	65	55	49	45	54	48	44	53	48	44	52	47	44	42
9	62	52	46	41	61	51	45	41	51	45	41	50	45	41	49	44	41	39
10	59	49	43	38	58	48	42	38	47	42	38	47	42	38	46	41	38	37

P45AT

P45AT WITH P8000-31

Report No. 99010

No. Lamps: 1 Type Lamp: 90PAR38/FL - SYLVANIA Total Lumens: 1300

Fixture Efficiency: 100%

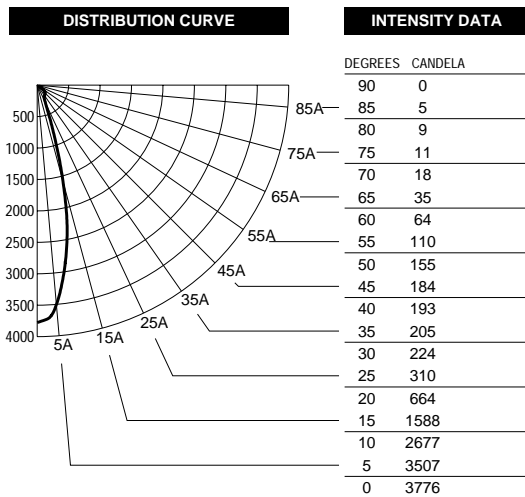
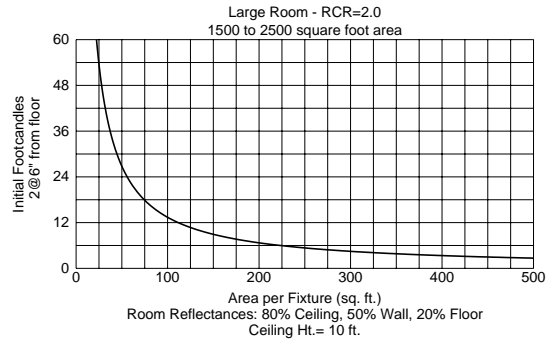
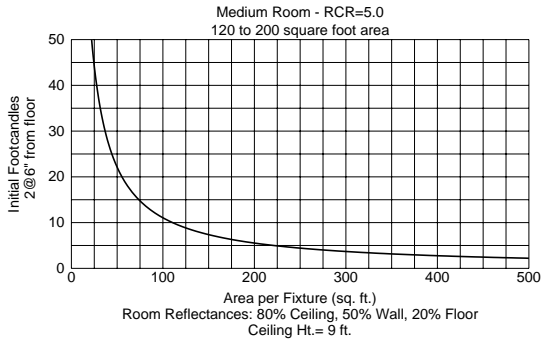
S/MH Ratio: 0.4

Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 44A			Beam Angle - 26A	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	12.5	4	124.8	62.4	3
10	6.7	6	67.1	33.6	3
12	4.2	8	41.8	20.9	4
14	2.9	9	28.6	14.3	5
16	2.1	11	20.7	10.4	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	Effective Floor Cavity Reflectance 0.20																	
	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	121	121	121	121	118	118	118	118	112	112	112	108	108	108	103	103	103	101
1	115	112	109	106	112	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	103	99	96	106	102	98	95	98	95	92	95	93	90	93	90	89	87
3	103	96	91	87	101	95	90	86	92	88	85	90	87	84	88	85	82	81
4	98	90	85	80	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	94	85	79	75	92	84	79	75	82	78	74	81	77	73	79	76	73	71
6	89	81	75	70	88	80	74	70	78	73	70	77	73	69	76	72	69	67
7	86	77	71	67	84	76	70	66	75	70	66	73	69	66	72	68	65	64
8	82	73	67	63	81	72	67	63	71	66	63	70	66	63	69	65	62	61
9	79	70	64	60	78	69	64	60	68	64	60	68	63	60	67	63	60	58
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	56