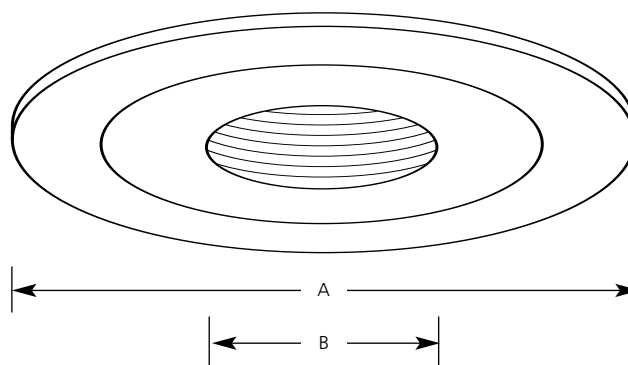


Type _____

-09 -28 -31
P8042

Catalog No.	Finish			Dimensions (Inches)	
	Brushed Nickel	White	Black	A	B
P8042	-09	-28	-31	5	1-7/8



Lamp Wattage

Housing	IC	Non-IC
P831-AT	40PAR16/30R20	40PAR16/30R20
P830-TG	N/A	40PAR16/30R20
P832-TG	N/A	40PAR16/30R20

Specifications:

Flange

- Bright white powdered painted metal flange
- No light leaks around trim flange

Options

- None

Labels

- UL-CUL damp location listed

Trim

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

P830-TG

P830-TG WITH P8042-28

Report No. 98239

No. Lamps: 1 Type Lamp: 30R20-SYLVANIA Total Lumens: 300

Fixture Efficiency: 32.4%

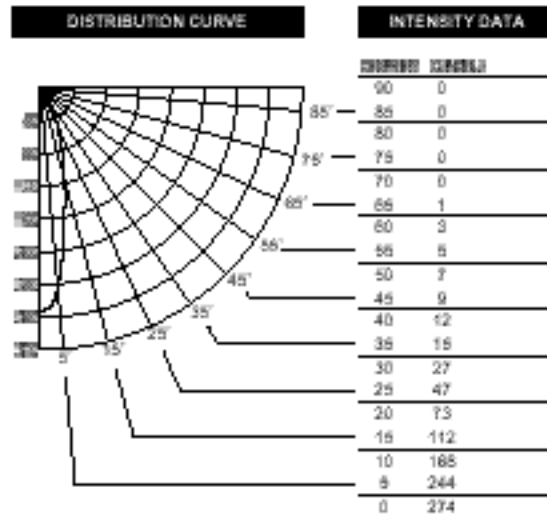
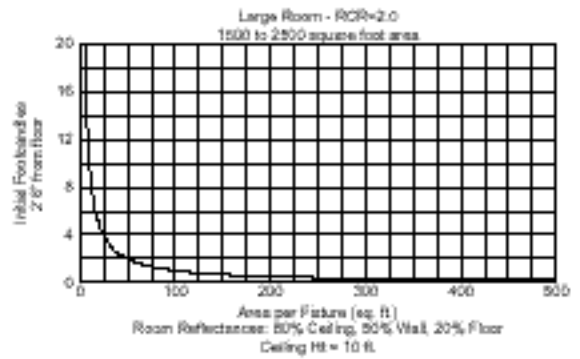
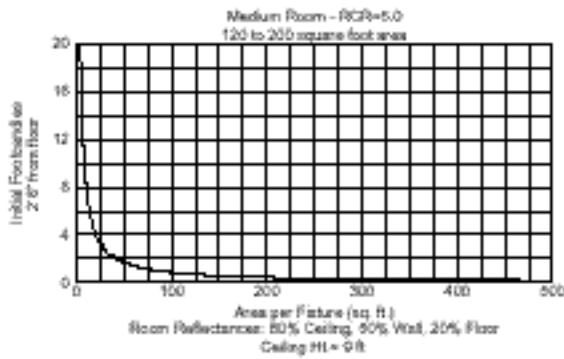
S/MH Ratio: 0.4

Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 54°			Beam Angle - 24°	
	FL-C	Beam Dia.		FL-C	Beam Dia.
8	0.9	6	9.1	4.5	2
10	0.5	8	4.9	2.4	3
12	0.3	10	3.0	1.5	4
14	0.2	12	2.1	1.0	5
16	0.2	14	1.5	0.8	6

FL-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				60				30					
	70	50	30	10	70	50	30	10	60	50	30	10	50					
0	38	38	38	38	37	37	37	37	35	35	35	34	34	34	32	32	32	32
1	38	36	34	34	35	35	34	33	33	33	32	32	32	31	31	31	30	30
2	34	33	32	31	34	32	31	30	31	31	30	30	30	29	30	29	29	28
3	33	31	29	28	32	30	29	28	30	29	28	29	28	27	28	27	27	26
4	31	29	28	26	31	29	27	26	28	27	26	27	26	26	27	26	25	25
5	30	28	26	25	29	27	26	24	27	26	24	26	25	24	26	25	24	23
6	29	26	24	23	28	26	24	23	26	24	23	25	24	23	25	23	23	22
7	28	25	23	22	27	25	23	22	24	23	22	24	23	22	24	22	22	21
8	26	24	22	21	26	24	22	21	23	22	21	23	22	21	23	21	21	20
9	25	23	21	20	25	23	21	20	22	21	20	22	21	20	22	21	20	19
10	24	22	20	19	24	22	20	19	21	20	19	21	20	19	21	20	19	18