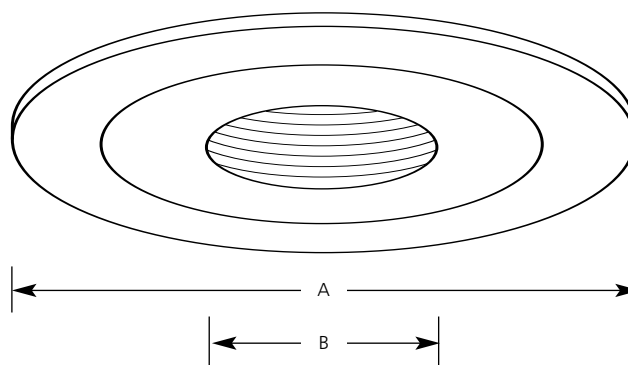


Type _____

-28

P8042

Catalog No.	Finish White	Dimensions (Inches)	
		A	B
P8042	-28	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%

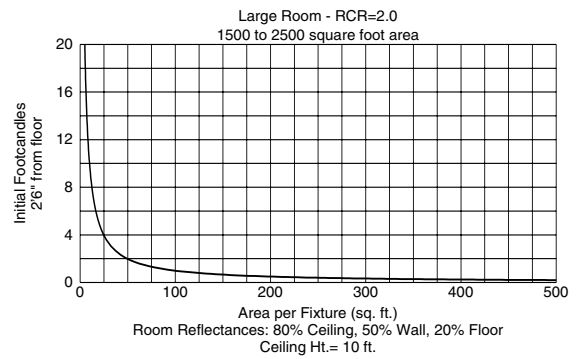
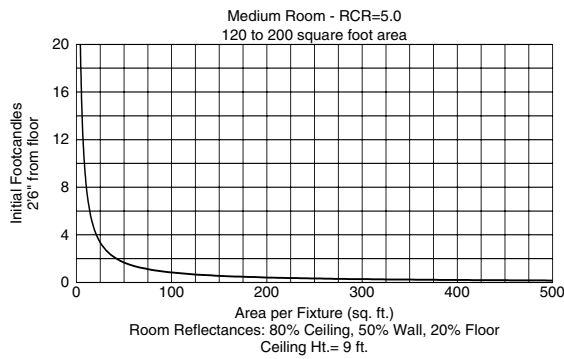
S/MH Ratio: 0.4

Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 54°			Beam Angle - 24°	
	Ft.-C	Beam Dia.		Ft.-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

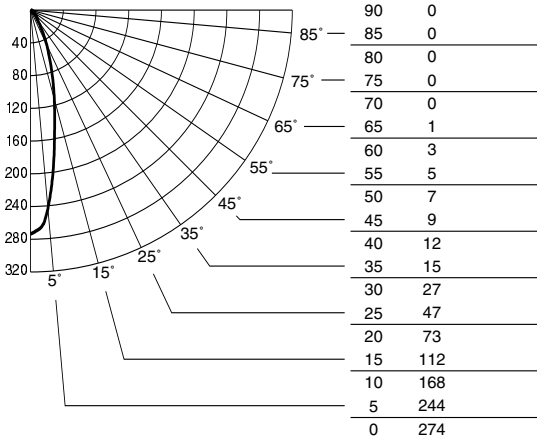
Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



DISTRIBUTION CURVE

INTENSITY DATA



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