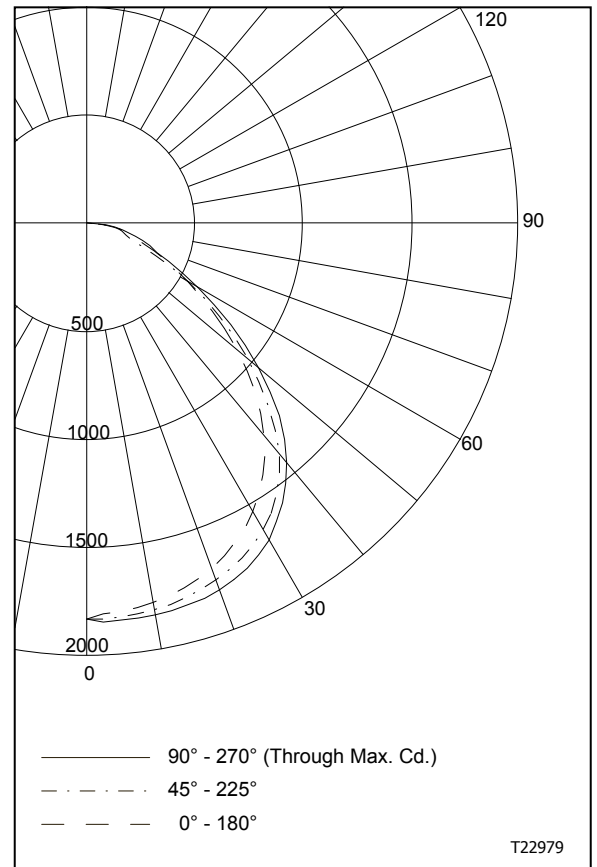


Number of Lamps	3
Lumens per Lamp	2080
Total Rated Lamp Lumens	6240
Total Luminaire Watts	64
Total Luminaire Efficiency	75.2%
Luminaire Efficacy Rating (LER)	73
Spacing Criteria (0-180)	1.2
Spacing Criteria (90-270)	1.3

Ballast Factor is 1.00.
 Calculations prepared from these data should include corrected ballast factor

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	1,465	23.49	31.22
0-40	2,409	38.62	51.34
0-60	3,998	64.07	85.17
0-90	4,694	75.23	100.00
40-90	2,284	36.61	48.66
60-90	696	11.16	14.83
90-180	0	0.00	0.00
0-180	4,694	75.23	100.00



COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	90	90	90	90	88	88	88	88	84	84	84	80	80	80	77	77	77	75
1	83	79	76	74	81	77	75	72	74	72	70	71	70	68	69	67	66	64
2	76	70	65	61	74	68	64	60	66	62	59	63	60	58	61	59	56	55
3	69	62	56	52	68	61	56	51	59	54	50	57	53	49	55	51	49	47
4	64	55	49	44	62	54	49	44	53	47	43	51	46	43	49	45	42	41
5	59	50	43	39	57	49	43	38	47	42	38	46	41	38	45	40	37	36
6	55	45	39	34	53	44	38	34	43	38	33	42	37	33	41	36	33	31
7	51	41	35	30	49	40	34	30	39	34	30	38	33	30	37	33	29	28
8	47	37	31	27	46	37	31	27	36	31	27	35	30	27	34	30	26	25
9	44	34	28	24	43	34	28	24	33	28	24	32	27	24	32	27	24	23
10	41	32	26	22	41	31	26	22	31	26	22	30	25	22	29	25	22	21