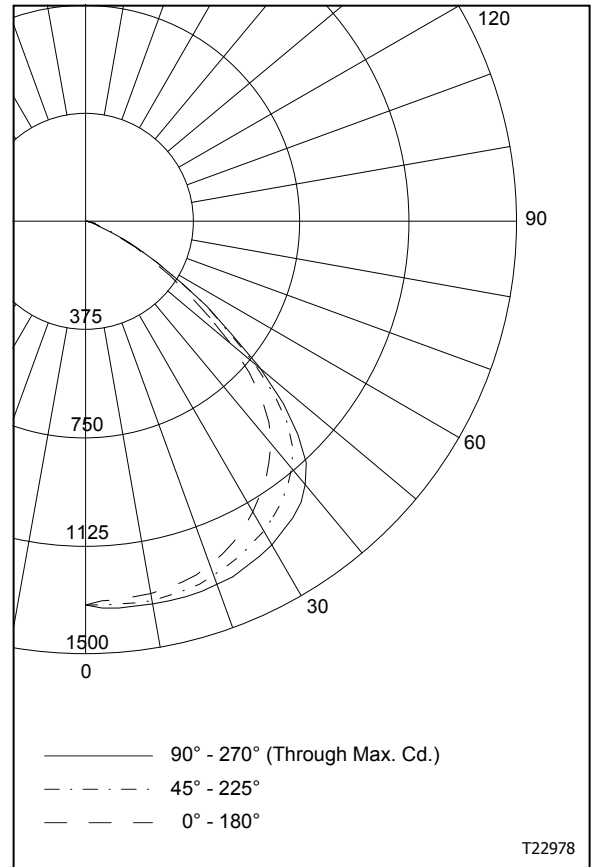


Number of Lamps	2
Lumens per Lamp	2080
Total Rated Lamp Lumens	4160
Total Luminaire Watts	44
Total Luminaire Efficiency	77.4%
Luminaire Efficacy Rating (LER)	73
Spacing Criteria (0-180)	1.3
Spacing Criteria (90-270)	1.4

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

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	% Luminaire
0-30	1,090	26.23	33.87
0-40	1,828	43.95	56.75
0-60	3,008	72.33	93.40
0-90	3,221	77.44	100.00
40-90	1,393	33.49	43.25
60-90	212	5.11	6.60
90-180	0	0.00	0.00
0-180	3,221	77.44	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	92	92	92	92	90	90	90	90	86	86	86	82	82	82	79	79	79	78
1	86	83	81	78	84	81	79	77	78	76	74	75	74	72	73	71	70	69
2	80	74	70	66	78	73	69	66	70	67	64	68	65	63	66	63	61	60
3	74	67	61	57	72	65	60	56	63	59	55	61	58	55	59	56	54	52
4	68	60	54	49	66	59	53	49	57	52	48	55	51	48	54	50	47	46
5	63	54	48	43	61	53	47	43	52	46	42	50	46	42	49	45	42	40
6	58	49	43	38	57	48	42	38	47	42	38	46	41	37	44	40	37	36
7	54	44	38	34	53	44	38	34	43	37	34	42	37	33	41	36	33	32
8	50	41	35	30	49	40	34	30	39	34	30	38	33	30	37	33	30	28
9	47	37	31	27	46	37	31	27	36	31	27	35	30	27	35	30	27	26
10	44	34	29	25	43	34	29	25	33	28	25	33	28	25	32	28	24	23