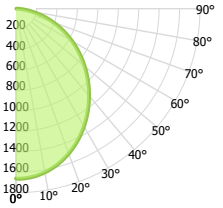
OLS-WD-WL-LED-4-4-2400L-3600L-4800L-DIM10-MVOLT-30K-40K-50K-90-WH(3600L) TEST NO.: **EL08282556**

INPUT WATTS: **30.4** LUMENS: **4334** EFFICACY: **143** BEAM ANGLE: **103** SPACING CRITERIA: **1.19**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1661	1661
10°	1626	1626
20°	1508	1520
30°	1329	1354
40°	1112	1147
50°	876	913
60°	633	665
70°	387	410
80°	152	167
90°	4	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	17307	17307
45.00°	14662	15208
55.00°	13706	14348
65.00°	12561	13253
75.00°	10690	11539
85.00°	6993	7443

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	157
10° - 20°	443
20° - 30°	657
30° - 40°	769
40° - 50°	774
50° - 60°	681
60° - 70°	506
70° - 80°	280
80° - 90°	66

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	600	14%
0° - 30°	1257	29%
0° - 40°	2026	47%
0° - 60°	3482	80%
0° - 80°	4268	98%
0° - 90°	4334	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 m	46.2 lx	15.1 m	15.8 m
8.0 m	26.0 lx	20.1 m	21.1 m
10.0 m	16.6 lx	25.1 m	26.4 m
12.0 m	11.5 lx	30.2 m	31.7 m
14.0 m	8.5 lx	35.2 m	36.9 m
16.0 m	6.5 lx	40.2 m	42.2 m
18.0 m	5.1 lx	45.3 m	47.5 m
20.0 m	4.2 lx	50.3 m	52.8 m

INDOOR COEFFICIENTS OF UTILIZATION

pf									20%										0%
pc		80%				70%				50%				30%			10%		0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71	
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60	
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51	
5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	44	
6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	52	46	41	39	
7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37	35	
8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31	
9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28	
10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25	