

LUMINAIRE: CRW4-LSCS (3500K, 28W)
CRW Round Wrap, Wraps
CRW Round Wrap 4ft 3500K 28W
Data Scaled from Test# 23877

BALLAST: EDU
BALLAST FACTOR: 1.00
LAMP:
FIXTURE LUMENS: 3735
WATTS: 26.58
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.20 90° = 1.25
LUMINOUS OPENING IN FEET
LENGTH: 3.80
WIDTH: 0.77
HEIGHT: 0.00

TEST #23878

DATE: 1/22/2020

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 141

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.74

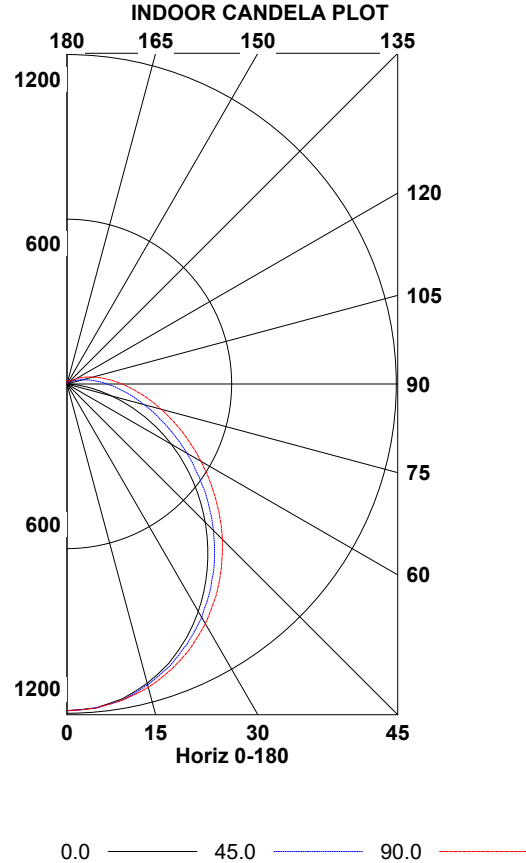
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	913	24.5	24.5
0-40	1484	39.7	39.7
0-60	2595	69.5	69.5
0-90	3498	93.6	93.6
90-120	195	5.2	5.2
90-130	209	5.6	5.6
90-150	225	6.0	6.0
90-180	237	6.4	6.4
0-180	3735	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4378	4378	4378	4378	4378
30	4065	4099	4167	4252	4282
40	3837	3890	4015	4159	4202
45	3699	3777	3923	4105	4167
50	3560	3651	3840	4069	4132
55	3406	3508	3758	4047	4118
60	3223	3355	3716	4061	4150
65	3012	3221	3708	4152	4257
70	2732	3119	3818	4367	4507
75	2374	3099	4136	4875	5046
80	1928	3368	4979	6059	6292
85	1435	4685	7893	9962	10341



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	106	101	96	91	102	98	93	89	92	89	85	87	84	82	82	80	78	75
2	96	87	80	74	93	85	78	72	80	74	70	76	71	67	72	68	65	62
3	87	76	68	61	84	74	66	60	70	64	58	67	61	56	63	59	54	52
R 4	80	67	58	51	77	66	57	51	62	55	49	59	53	48	56	51	47	44
C 5	73	60	51	44	71	59	50	44	56	48	43	53	47	42	51	45	41	38
R 6	68	54	45	39	65	53	44	38	50	43	37	48	42	36	46	40	36	33
7	63	49	40	34	61	48	40	34	46	38	33	44	37	32	42	36	32	30
8	58	45	36	30	57	44	36	30	42	35	29	40	34	29	39	33	28	26
9	55	41	33	27	53	40	32	27	39	32	27	37	31	26	36	30	26	24
10	51	38	30	25	50	37	30	24	36	29	24	34	28	24	33	27	23	21

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

LUMINAIRE: CRW4-LSCS (3500K, 28W)
CRW Round Wrap, Wraps
CRW Round Wrap 4ft 3500K 28W
Data Scaled from Test# 23877

TEST #23878
DATE: 1/22/2020

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1190*	1190	1190	1190	1190
2.5	1187	1187	1187	1187	1188
5.0	1185	1184	1184	1184	1185
7.5	1174	1174	1176	1175	1177
10.0	1164	1164	1168	1166	1169
12.5	1147	1147	1152	1153	1157
15.0	1129	1131	1135	1140	1144
17.5	1106	1108	1114	1123	1126
20.0	1083	1086	1094	1106	1108
22.5	1054	1058	1067	1082	1086
25.0	1024	1030	1041	1057	1063
27.5	991	997	1011	1029	1035
30.0	957	965	981	1001	1008
32.5	919	928	946	969	976
35.0	880	890	911	937	945
37.5	840	850	874	902	910
40.0	799	810	836	866	875
42.5	755	768	795	828	838
45.0	711	726	754	789	801
47.5	667	682	713	750	762
50.0	622	638	671	711	722
52.5	577	592	629	671	682
55.0	531	547	586	631	642
57.5	485	501	545	592	603
60.0	438	456	505	552	564
62.5	392	413	465	515	527
65.0	346	370	426	477	489
67.5	300	330	390	442	454
70.0	254	290	355	406	419
72.5	211	254	323	375	387
75.0	167	218	291	343	355
77.5	129	189	263	315	326
80.0	91	159	235	286	297
82.5	62	135	211	261	271
85.0	34	111	187	236	245
87.5	20	93	166	214	223
90.0	6	74	146	191	200
92.5	4	61	129	172	180
95.0	1	47	112	153	161
97.5	1	37	97	136	143
100.0	1	28	83	120	126
102.5	1	22	71	106	112
105.0	2	16	59	92	97
107.5	2	12	50	80	85
110.0	3	9	41	68	73
112.5	3	7	34	58	63
115.0	4	6	27	49	52
117.5	5	6	22	42	45
120.0	5	6	18	34	37
122.5	6	6	15	29	31
125.0	7	6	13	23	26
127.5	7	7	11	20	22
130.0	8	8	10	17	18
132.5	9	9	10	15	16
135.0	9	9	10	13	14
137.5	9	10	10	12	13
140.0	10	11	10	12	12
142.5	10	11	11	12	12
145.0	11	12	12	12	12
147.5	11	13	12	13	13
150.0	12	13	13	13	13
152.5	13	14	14	14	14
155.0	13	14	14	14	14
157.5	14	15	15	15	14
160.0	14	15	15	15	14
162.5	14	15	16	15	14
165.0	14	15	16	15	13
167.5	15	15	16	14	14
170.0	16	15	16	13	14
172.5	16	16	16	14	15
175.0	17	16	15	15	16
177.5	8	8	8	8	8
180.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE