

LUMINAIRE: CRW4-LSCS (5000K, 34W)
CRW Round Wrap, Wraps
CRW Round Wrap 4ft 5000K 34W
Data Scaled from Test# 23882

BALLAST: EDU
BALLAST FACTOR: 1.00
LAMP:
FIXTURE LUMENS: 4841
WATTS: 33.35
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 #23883

DATE: 1/22/2020

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 145

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.63

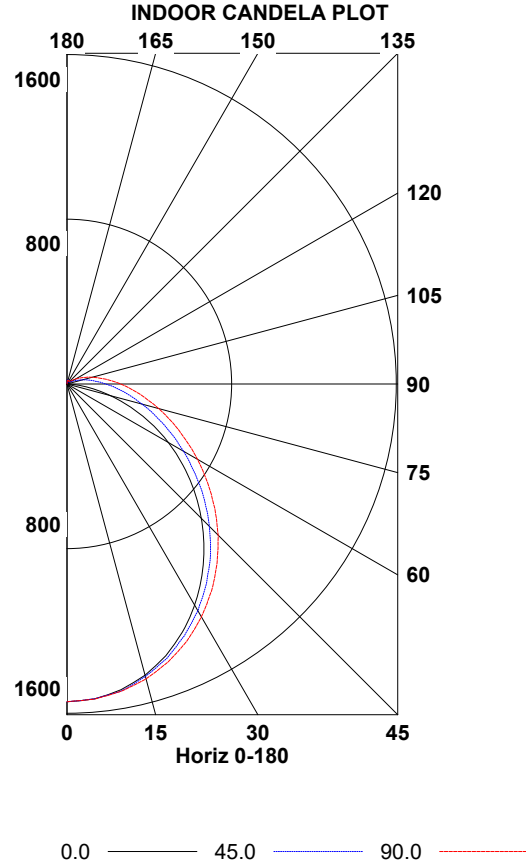
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1184	24.5	24.5
0-40	1924	39.7	39.7
0-60	3363	69.5	69.5
0-90	4534	93.6	93.6
90-120	253	5.2	5.2
90-130	271	5.6	5.6
90-150	292	6.0	6.0
90-180	308	6.4	6.4
0-180	4841	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5676	5676	5676	5676	5676
30	5267	5314	5403	5514	5548
40	4975	5042	5206	5393	5446
45	4797	4896	5088	5322	5400
50	4613	4733	4979	5271	5357
55	4413	4541	4874	5246	5343
60	4179	4348	4812	5268	5386
65	3908	4170	4805	5388	5519
70	3539	4033	4948	5658	5851
75	3084	4022	5373	6311	6538
80	2500	4364	6462	7860	8156
85	1857	6078	10215	12916	13423



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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1543*	1543	1543	1543	1543
2.5	1539	1538	1539	1539	1539
5.0	1535	1534	1535	1534	1536
7.5	1522	1521	1524	1523	1526
10.0	1508	1509	1514	1511	1515
12.5	1486	1487	1493	1494	1499
15.0	1464	1465	1471	1477	1483
17.5	1434	1437	1444	1455	1459
20.0	1404	1408	1418	1433	1436
22.5	1366	1371	1383	1402	1407
25.0	1328	1335	1349	1371	1378
27.5	1284	1293	1310	1334	1342
30.0	1240	1251	1272	1298	1306
32.5	1191	1202	1226	1256	1265
35.0	1141	1154	1181	1214	1225
37.5	1088	1102	1132	1169	1179
40.0	1036	1050	1084	1123	1134
42.5	979	996	1031	1073	1086
45.0	922	941	978	1023	1038
47.5	864	884	924	972	987
50.0	806	827	870	921	936
52.5	747	768	815	870	884
55.0	688	708	760	818	833
57.5	628	650	707	767	782
60.0	568	591	654	716	732
62.5	508	535	603	667	683
65.0	449	479	552	619	634
67.5	389	427	506	573	589
70.0	329	375	460	526	544
72.5	273	329	419	485	502
75.0	217	283	378	444	460
77.5	168	244	341	408	423
80.0	118	206	305	371	385
82.5	81	175	274	338	352
85.0	44	144	242	306	318
87.5	26	120	216	277	289
90.0	8	96	189	248	260
92.5	5	78	167	223	234
95.0	1	61	145	198	208
97.5	1	48	126	177	186
100.0	1	36	108	155	163
102.5	1	28	92	137	145
105.0	2	20	77	119	126
107.5	3	16	65	104	110
110.0	4	12	53	88	94
112.5	4	10	44	76	81
115.0	5	8	35	63	68
117.5	6	8	29	54	58
120.0	7	8	23	44	48
122.5	8	8	20	37	41
125.0	9	8	16	30	33
127.5	10	9	15	26	28
130.0	10	10	13	21	23
132.5	11	11	13	19	21
135.0	12	12	13	17	18
137.5	12	13	13	16	17
140.0	13	14	14	15	16
142.5	13	15	14	15	16
145.0	14	16	15	16	16
147.5	15	17	16	16	17
150.0	15	17	17	17	17
152.5	16	18	18	18	18
155.0	17	18	19	19	18
157.5	18	19	19	19	18
160.0	18	20	20	20	18
162.5	19	19	20	20	18
165.0	19	19	20	20	17
167.5	19	19	21	19	18
170.0	20	20	21	17	18
172.5	21	20	20	18	19
175.0	22	21	20	20	20
177.5	11	11	10	10	10
180.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE