

LUMINAIRE: CRW4-LSCS (5000K, 28W)
CRW Round Wrap, Wraps
CRW Round Wrap 4ft 5000K 28W
Data Scaled from Test# 23878

BALLAST: EDU
BALLAST FACTOR: 1.00
LAMP:
FIXTURE LUMENS: 3959
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 #23884

DATE: 1/22/2020

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 149

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

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

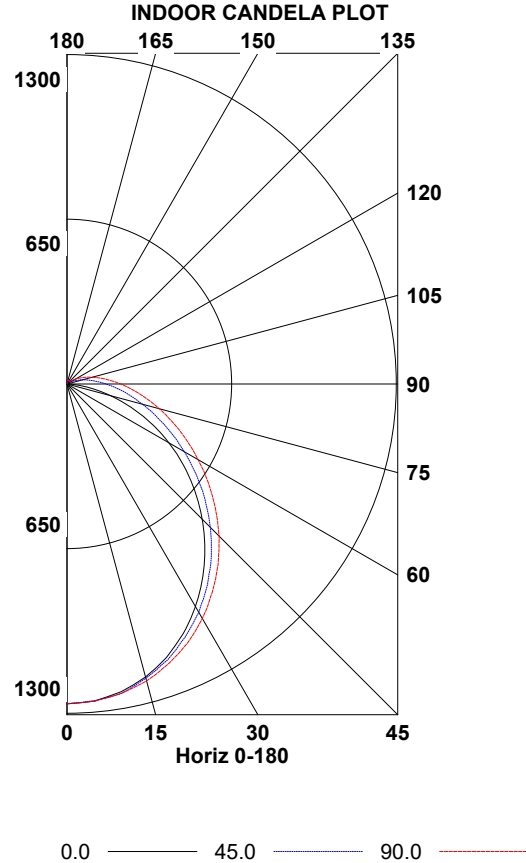
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	968	24.5	24.5
0-40	1573	39.7	39.7
0-60	2750	69.5	69.5
0-90	3707	93.7	93.7
90-120	207	5.2	5.2
90-130	221	5.6	5.6
90-150	238	6.0	6.0
90-180	251	6.3	6.3
0-180	3959	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4643	4643	4643	4643	4643
30	4307	4346	4418	4511	4537
40	4067	4125	4255	4408	4456
45	3923	4001	4162	4354	4417
50	3772	3869	4069	4315	4378
55	3611	3714	3989	4291	4368
60	3414	3561	3936	4304	4400
65	3195	3412	3934	4405	4518
70	2893	3302	4044	4625	4786
75	2516	3283	4392	5160	5359
80	2055	3580	5275	6440	6673
85	1520	4981	8358	10553	10975



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%				0%		
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
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	1262*	1262	1262	1262	1262
2.5	1259	1258	1258	1258	1259
5.0	1256	1255	1255	1255	1256
7.5	1244	1244	1247	1245	1248
10.0	1233	1234	1239	1236	1239
12.5	1215	1216	1221	1222	1226
15.0	1197	1199	1203	1208	1213
17.5	1173	1175	1181	1190	1194
20.0	1148	1151	1159	1172	1174
22.5	1117	1121	1131	1146	1151
25.0	1086	1091	1103	1121	1127
27.5	1050	1057	1071	1091	1098
30.0	1014	1023	1040	1062	1068
32.5	974	983	1003	1027	1035
35.0	933	943	966	993	1001
37.5	890	901	926	956	965
40.0	847	859	886	918	928
42.5	801	814	843	878	888
45.0	754	769	800	837	849
47.5	707	723	755	795	807
50.0	659	676	711	754	765
52.5	611	628	666	711	723
55.0	563	579	622	669	681
57.5	514	531	578	627	640
60.0	464	484	535	585	598
62.5	416	438	493	546	559
65.0	367	392	452	506	519
67.5	318	349	414	468	482
70.0	269	307	376	430	445
72.5	223	269	342	397	411
75.0	177	231	309	363	377
77.5	137	200	279	334	346
80.0	97	169	249	304	315
82.5	66	143	224	277	288
85.0	36	118	198	250	260
87.5	21	98	176	226	236
90.0	7	78	154	203	212
92.5	4	64	136	182	191
95.0	1	50	118	162	170
97.5	1	40	103	144	152
100.0	1	29	88	127	134
102.5	1	23	75	112	118
105.0	2	17	63	97	103
107.5	2	13	53	85	90
110.0	3	9	43	72	77
112.5	4	8	36	62	66
115.0	4	6	28	52	56
117.5	5	6	24	44	47
120.0	6	6	19	36	39
122.5	6	7	16	30	33
125.0	7	7	13	25	27
127.5	8	7	12	21	23
130.0	9	8	11	18	19
132.5	9	9	11	16	17
135.0	9	10	10	14	15
137.5	10	11	11	13	14
140.0	10	11	11	12	13
142.5	11	12	12	13	13
145.0	12	13	12	13	13
147.5	12	14	13	13	14
150.0	12	14	14	14	14
152.5	13	15	15	14	14
155.0	14	15	15	15	15
157.5	15	16	16	16	15
160.0	15	16	16	16	15
162.5	15	16	17	16	14
165.0	15	16	17	16	14
167.5	16	16	17	15	15
170.0	17	16	17	14	15
172.5	17	17	17	15	16
175.0	18	17	16	16	17
177.5	9	9	8	8	8
180.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE