

**LUMINAIRE:** MPS2-930VW-CW-ED347  
 Narrow LED, Surface  
 Narrow Strip Light 2ft with frosted linear prisms lens  
**BALLAST:** XG020C056V054BST2  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1412  
**WATTS:** 14.10  
**MOUNTING:** Surface  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.19 90° = 1.33  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 2.01  
 WIDTH: 0.25  
 HEIGHT: 0.13

TEST #17.01449  
 DATE: 5/19/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 100**

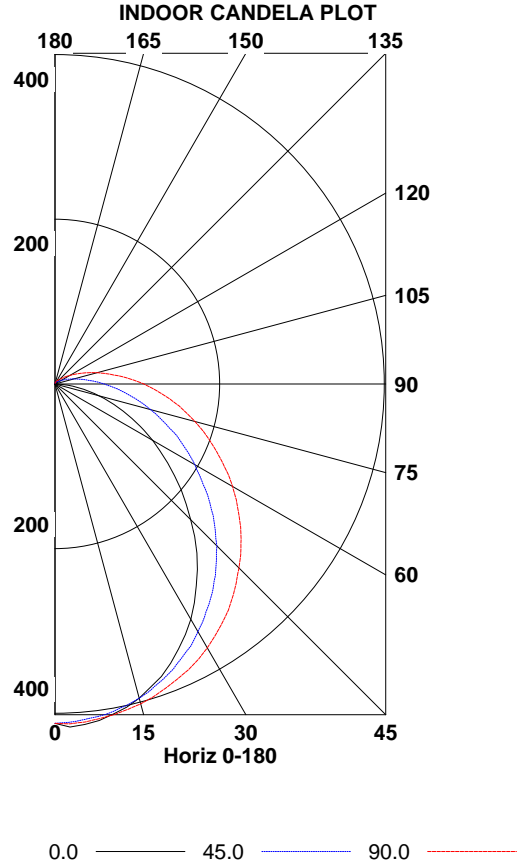
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.38**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	320	22.6	22.6
0-40	524	37.1	37.1
0-60	935	66.2	66.2
0-90	1309	92.7	92.7
90-120	90	6.4	6.4
90-130	96	6.8	6.8
90-150	102	7.2	7.2
90-180	104	7.3	7.3
0-180	1412	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	8825	8825	8825	8825	8825
30	7869	7123	6929	6951	7039
40	7108	6341	6290	6441	6541
45	6630	5896	5958	6159	6298
50	6188	5425	5604	5908	6069
55	5709	4963	5236	5641	5829
60	5278	4467	4893	5392	5613
65	4763	4010	4567	5133	5368
70	4254	3514	4222	4905	5158
75	3667	3032	3906	4676	4953
80	3069	2550	3614	4436	4779
85	2120	2049	3348	4245	4566



**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%				10%	
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	93
1	105	99	94	90	101	96	92	88	91	87	84	86	82	80	81	78	76	73
2	95	86	78	72	91	83	76	70	78	73	68	74	69	65	70	66	62	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	54	61	56	52	50
R	4	79	66	57	50	76	64	56	49	61	53	47	57	51	46	54	49	45
C	5	72	59	49	43	70	57	48	42	54	47	41	51	45	40	49	43	39
R	6	67	53	44	37	64	51	43	36	49	41	36	47	40	35	44	38	34
	7	62	48	39	33	60	47	38	32	44	37	31	42	36	31	40	34	30
	8	57	44	35	29	55	43	34	29	41	33	28	39	32	27	37	31	27
	9	54	40	32	26	52	39	31	26	37	30	25	36	29	25	34	28	24
	10	50	37	29	23	49	36	28	23	35	28	23	33	27	22	32	26	22

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	412	412	412	412	412
2.5	417*	409	411	413	413
5.0	415	408	409	412	412
7.5	412	405	407	410	410
10.0	407	400	404	407	408
12.5	402	395	400	404	405
15.0	395	389	395	400	402
17.5	386	382	389	395	398
20.0	378	373	382	390	393
22.5	367	365	375	384	388
25.0	355	354	366	378	383
27.5	343	343	358	371	377
30.0	330	331	347	363	370
32.5	315	318	337	355	362
35.0	299	305	326	346	354
37.5	284	290	315	337	346
40.0	268	276	303	328	336
42.5	251	260	290	316	326
45.0	233	245	278	306	316
47.5	216	229	264	295	306
50.0	200	213	251	284	295
52.5	183	198	237	272	284
55.0	167	182	223	260	272
57.5	151	167	209	248	261
60.0	137	151	196	236	249
62.5	122	138	183	223	237
65.0	107	123	170	211	224
67.5	94	110	158	199	212
70.0	80	96	144	187	200
72.5	67	84	132	175	188
75.0	55	72	120	163	176
77.5	44	61	109	151	164
80.0	34	51	98	139	153
82.5	24	42	87	129	141
85.0	15	33	78	117	129
87.5	7	27	68	107	118
90.0	0	20	60	96	108
92.5	0	16	52	86	97
95.0	0	12	45	77	87
97.5	0	9	38	68	77
100.0	0	7	33	60	68
102.5	0	6	28	52	60
105.0	0	5	24	46	53
107.5	0	4	20	39	46
110.0	1	3	17	34	40
112.5	1	3	15	29	34
115.0	1	3	12	25	29
117.5	1	3	10	21	25
120.0	1	2	9	18	21
122.5	1	2	7	15	18
125.0	1	2	6	13	15
127.5	1	2	6	11	13
130.0	1	2	5	9	11
132.5	1	2	5	8	9
135.0	1	2	4	7	8
137.5	1	2	4	6	7
140.0	1	2	4	5	6
142.5	1	2	3	5	6
145.0	1	2	3	4	5
147.5	1	2	3	4	5
150.0	1	2	3	4	4
152.5	1	2	3	3	4
155.0	1	2	3	3	3
157.5	1	2	3	3	3
160.0	1	2	2	3	3
162.5	1	2	2	2	2
165.0	1	1	2	2	2
167.5	1	1	2	2	2
170.0	1	1	2	2	2
172.5	1	1	1	1	1
175.0	1	1	1	1	1
177.5	1	1	1	1	1
180.0	1	1	1	1	1

\*MAXIMUM CANDELA VALUE