

LUMINAIRE: MPS2-30ML-FW-EDU
 Narrow LED, Surface
 Narrow Strip Light 2ft with frosted linear prisms lens
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3356
WATTS: 28.80
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.24 90° = 1.64
LUMINOUS OPENING IN FEET
 LENGTH: 2.00
 WIDTH: 0.25
 HEIGHT: 0.05

TEST #17.02551
 DATE: 10/2/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 117

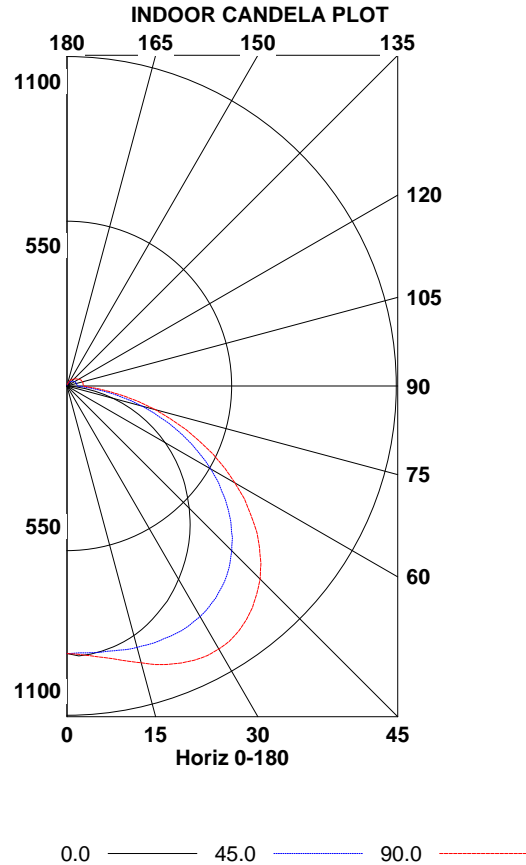
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.07
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	757	22.6	22.6
0-40	1291	38.5	38.5
0-60	2427	72.3	72.3
0-90	3207	95.6	95.6
90-120	95	2.8	2.8
90-130	117	3.5	3.5
90-150	141	4.2	4.2
90-180	148	4.4	4.4
0-180	3356	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	19224	19224	19224	19224	19224
30	18256	18311	20240	21970	22597
40	17561	17869	20553	22568	23198
45	17138	17498	20435	22483	23138
50	16717	17004	20130	22081	22691
55	16199	16462	19543	21388	21866
60	15641	15642	18700	20358	20722
65	14794	14648	17471	18840	19179
70	13664	13293	15767	16865	17102
75	12021	11460	13517	14367	14574
80	9664	9030	10493	11146	11269
85	5956	6005	6923	7591	7818



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%
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96	
1	107	102	97	93	104	99	95	91	94	91	88	89	87	84	85	83	81	78	
2	97	88	81	75	94	86	79	74	81	76	71	78	73	69	74	70	67	64	
3	88	77	68	61	85	75	67	61	71	64	59	68	62	57	65	60	56	53	
R	4	80	68	58	51	77	66	57	51	63	55	50	60	54	49	57	52	47	45
C	5	73	60	51	44	71	59	50	43	56	48	43	53	47	42	51	45	41	38
R	6	68	54	45	38	65	53	44	38	50	43	37	48	41	36	46	40	36	33
	7	62	49	39	33	60	47	39	33	46	38	32	44	37	32	42	36	31	29
	8	58	44	35	29	56	43	35	29	41	34	29	40	33	28	38	32	28	26
	9	54	40	32	26	52	40	31	26	38	31	26	37	30	25	35	29	25	23
	10	51	37	29	24	49	36	29	23	35	28	23	34	27	23	33	27	22	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	893	893	893	893	893
2.5	902	888	892	896	897
5.0	899	886	894	901	904
7.5	893	883	896	909	914
10.0	885	878	898	918	926
12.5	875	872	902	930	941
15.0	862	864	904	942	957
17.5	848	854	905	955	975
20.0	830	842	905	965	989
22.5	811	829	904	975	1001
25.0	792	814	902	981	1010
27.5	769	797	896	984	1015*
30.0	745	779	889	983	1014
32.5	720	760	878	977	1010
35.0	694	737	865	967	999
37.5	667	713	848	952	984
40.0	638	689	829	934	964
42.5	608	659	805	909	939
45.0	577	632	778	882	912
47.5	545	601	749	850	878
50.0	514	568	715	812	839
52.5	481	536	679	774	798
55.0	447	501	639	728	749
57.5	413	464	599	683	703
60.0	379	426	554	632	648
62.5	344	389	506	580	594
65.0	306	349	460	524	538
67.5	272	311	409	470	477
70.0	232	269	360	411	421
72.5	194	229	308	352	360
75.0	158	189	259	298	306
77.5	123	149	209	240	248
80.0	89	114	161	189	194
82.5	58	79	117	139	146
85.0	31	52	79	99	104
87.5	11	29	51	66	71
90.0	1	17	36	50	56
92.5	0	16	34	49	54
95.0	1	15	34	49	54
97.5	1	15	33	49	54
100.0	1	14	33	49	54
102.5	1	14	33	48	54
105.0	1	14	33	48	54
107.5	1	14	32	47	53
110.0	1	14	32	47	52
112.5	1	14	31	46	51
115.0	1	13	31	44	49
117.5	2	13	30	43	47
120.0	2	13	29	41	45
122.5	2	13	28	39	43
125.0	2	12	27	38	41
127.5	2	12	26	36	39
130.0	2	11	24	34	37
132.5	2	11	23	32	35
135.0	2	10	21	30	33
137.5	2	9	20	29	31
140.0	2	8	18	26	29
142.5	2	8	17	24	27
145.0	2	7	16	22	25
147.5	2	7	15	20	24
150.0	2	6	14	19	22
152.5	2	6	13	17	19
155.0	2	5	11	15	16
157.5	2	4	10	13	14
160.0	3	4	9	12	12
162.5	3	4	8	10	10
165.0	3	3	6	9	8
167.5	3	3	5	7	6
170.0	3	3	4	5	5
172.5	3	3	3	3	3
175.0	3	3	3	3	3
177.5	3	3	2	2	2
180.0	2	2	2	2	2

*MAXIMUM CANDELA VALUE