

**LUMINAIRE:** MDM22-NO DOOR-EXAM  
 MediMode Multifunctional Patient Room Light, Recessed  
 2 x 2 led with no door  
**BALLAST:** OTi50W/PRG1400/UNV/DIM/L  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 4082  
**WATTS:** 42.70  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.14 90° = 1.14  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 1.73  
 WIDTH: 0.33  
 HEIGHT: 0.06

TEST #16.03337  
 DATE: 12/7/2016

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 96**

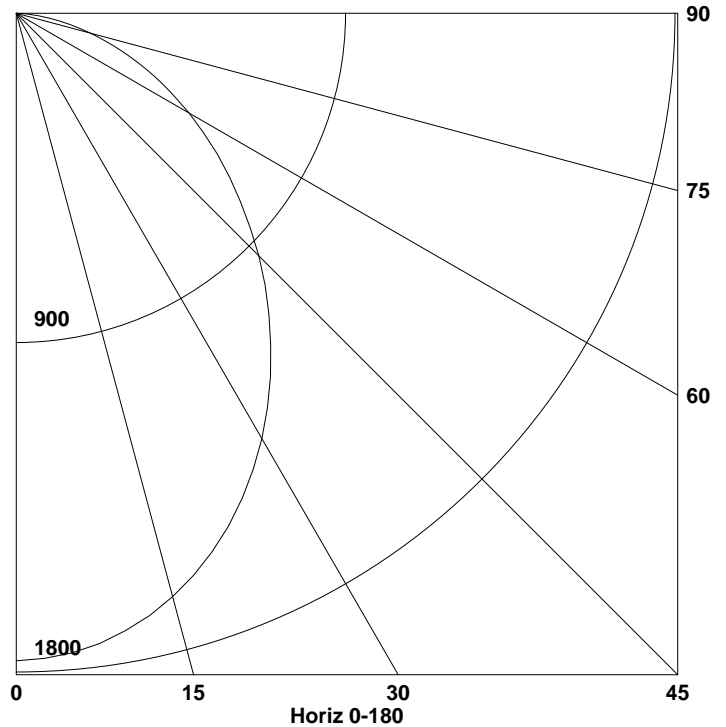
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.53**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1304	31.9	31.9
0-40	2061	50.5	50.5
0-60	3384	82.9	82.9
0-90	4082	100.0	100.0
0-180	4082	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	33353
30	28643
40	25686
45	24147
50	22506
55	20985
60	19387
65	17648
70	15754
75	13416
80	10525
85	6971

**INDOOR CANDELA PLOT**


0.0 ———

**COEFFICIENTS OF UTILIZATION (%)**
**ZONAL CAVITY METHOD**
**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%					
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
R	4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	65	60	53
C	5	78	66	57	51	76	65	56	50	62	55	50	60	54	49	59	53	47
R	6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	41
	7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	37
	8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	33
	9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	30
	10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	27

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
0.0	1769*
2.5	1764
5.0	1754
7.5	1737
10.0	1713
12.5	1685
15.0	1650
17.5	1610
20.0	1565
22.5	1516
25.0	1461
27.5	1403
30.0	1342
32.5	1277
35.0	1211
37.5	1142
40.0	1074
42.5	1006
45.0	937
47.5	867
50.0	799
52.5	734
55.0	670
57.5	606
60.0	545
62.5	483
65.0	425
67.5	368
70.0	313
72.5	259
75.0	208
77.5	160
80.0	116
82.5	78
85.0	45
87.5	18
90.0	0

\*MAXIMUM CANDELA VALUE