

**LUMINAIRE:** MDM22-NO DOOR-AMBIENT  
 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:** 2147  
**WATTS:** 27.30  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.22 90° = 1.22  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 1.73  
 WIDTH: 1.75  
 HEIGHT: 0.06

TEST #16.03336  
 DATE: 12/7/2016

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 79**

**ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.00**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

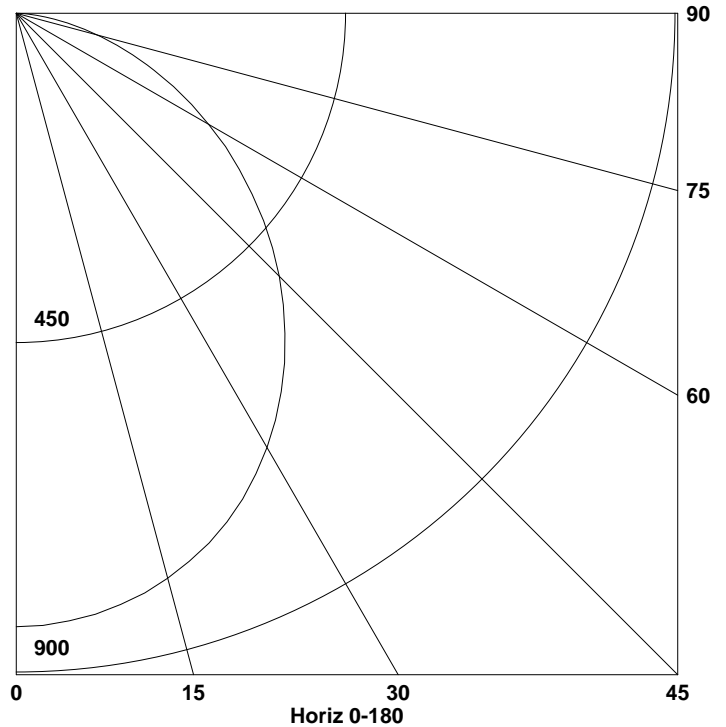
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	642	29.9	29.9
0-40	1036	48.3	48.3
0-60	1761	82.0	82.0
0-90	2147	100.0	100.0
0-180	2147	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	2979
30	2757
40	2575
45	2469
50	2342
55	2197
60	2032
65	1856
70	1642
75	1399
80	1078
85	701

**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	109	105	101	97	107	103	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	72
3	91	81	73	67	89	80	72	66	77	70	65	74	68	64	71	67	63	61
R 4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
C 5	77	65	56	49	75	64	55	49	61	54	49	59	53	48	58	52	48	45
R 6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32
9	58	45	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

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: \_\_\_\_\_

**LUMINAIRE:** MDM22-NO DOOR-AMBIENT  
MediMode Multifunctional Patient Room Light, Recessed  
2 x 2 led with no door

TEST #16.03336  
DATE: 12/7/2016

### CANDELA VALUES

ANGLE	0.0
0.0	838*
2.5	837
5.0	833
7.5	828
10.0	820
12.5	811
15.0	799
17.5	785
20.0	770
22.5	752
25.0	732
27.5	709
30.0	685
32.5	659
35.0	631
37.5	602
40.0	571
42.5	540
45.0	508
47.5	475
50.0	441
52.5	406
55.0	372
57.5	339
60.0	303
62.5	270
65.0	237
67.5	204
70.0	173
72.5	142
75.0	115
77.5	87
80.0	63
82.5	42
85.0	24
87.5	10
90.0	0

\*MAXIMUM CANDELA VALUE