

LUMINAIRE: MDM22-HLD-AMBIENT
 MediMode Multifunctional Patient Room Light, Recessed
 2 x 2 led with opal lenses
BALLAST: OTi50W/PRG1400/UNV/DIM/L
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2162
WATTS: 31.70
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.21
LUMINOUS OPENING IN FEET
 LENGTH: 1.71
 WIDTH: 1.71
 HEIGHT: 0.04

TEST #16.03332
 DATE: 12/6/2016

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 68

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.53
BASED ON 3000 HRS. AND \$.08 PER KWH

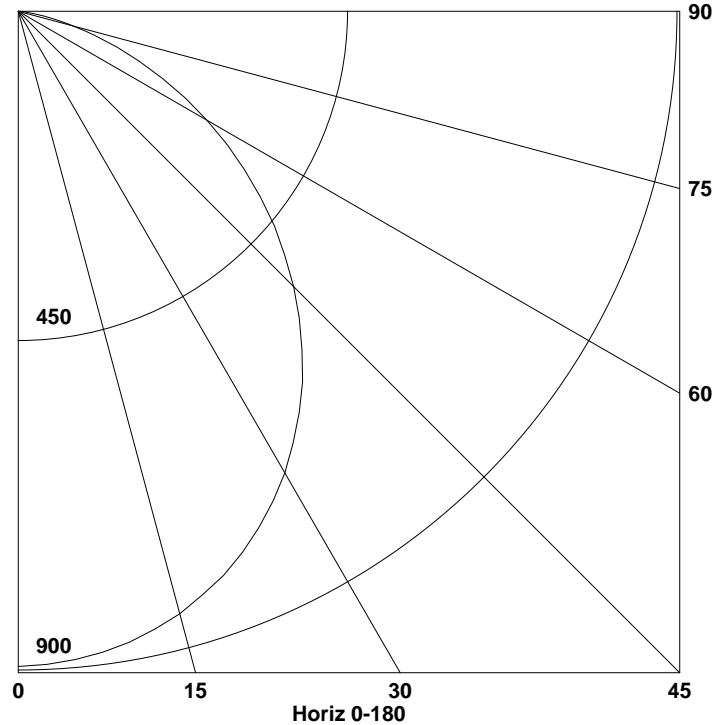
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	683	31.6	31.6
0-40	1102	51.0	51.0
0-60	1849	85.5	85.5
0-90	2162	100.0	100.0
0-180	2162	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	3295
30	3053
40	2842
45	2706
50	2546
55	2341
60	2101
65	1808
70	1456
75	1033
80	561
85	200

INDOOR CANDELA PLOT



0.0 ———

COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

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	106	102	99	107	104	100	97	99	97	94	96	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	75	69	90	81	74	69	78	72	67	76	70	66	73	69	65	63
R	4	85	74	66	59	83	72	65	59	70	63	58	68	62	57	66	61	54
C	5	78	66	58	51	76	65	57	51	63	56	51	61	55	50	59	54	48
R	6	73	60	51	45	71	59	51	45	57	50	45	56	49	44	54	48	42
	7	67	54	46	40	66	54	46	40	52	45	40	51	44	39	49	44	37
	8	63	50	42	36	61	49	41	36	48	41	36	47	40	35	45	40	33
	9	59	46	38	32	57	45	38	32	44	37	32	43	37	32	42	36	30
	10	55	42	35	30	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	895*
2.5	893
5.0	889
7.5	883
10.0	875
12.5	864
15.0	852
17.5	836
20.0	820
22.5	800
25.0	778
27.5	754
30.0	728
32.5	699
35.0	669
37.5	638
40.0	603
42.5	568
45.0	532
47.5	494
50.0	457
52.5	417
55.0	377
57.5	338
60.0	297
62.5	258
65.0	218
67.5	179
70.0	144
72.5	109
75.0	79
77.5	52
80.0	30
82.5	15
85.0	6
87.5	1
90.0	0

*MAXIMUM CANDELA VALUE