

LUMINAIRE: MDM24-NO DOOR-AMBIENT
 MediMode Multifunctional Patient Room Light, Recessed
 2 x 4 led with no door
BALLAST: OTi85W/UNV/2A0
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 5287
WATTS: 67.00
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.23 90° = 1.23
LUMINOUS OPENING IN FEET
 LENGTH: 3.73
 WIDTH: 1.75
 HEIGHT: 0.06

TEST #16.03342
 DATE: 12/20/2016

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 79

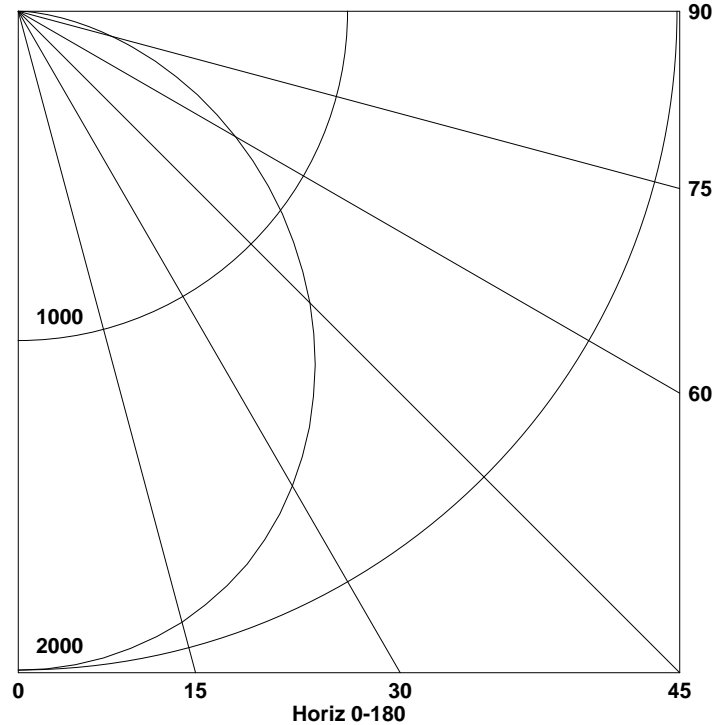
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.04
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1547	29.3	29.3
0-40	2510	47.5	47.5
0-60	4304	81.4	81.4
0-90	5287	100.0	100.0
0-180	5287	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	3298
30	3139
40	2978
45	2874
50	2746
55	2605
60	2442
65	2263
70	2041
75	1767
80	1427
85	975

INDOOR CANDELA PLOT


0.0 ———

COEFFICIENTS OF UTILIZATION (%)
EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%
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	109	105	101	97	107	102	99	95	98	95	92	94	92	89	91	89	87	85
2	100	92	85	79	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	66	89	79	72	66	76	70	65	73	68	64	71	66	62	60
R 4	83	72	63	57	81	70	62	56	68	61	55	66	60	55	63	58	54	52
C 5	77	64	55	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
R 6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	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: _____

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CANDELA VALUES

ANGLE	0.0
0.0	2000*
2.5	1998
5.0	1991
7.5	1980
10.0	1964
12.5	1944
15.0	1920
17.5	1889
20.0	1855
22.5	1816
25.0	1770
27.5	1720
30.0	1664
32.5	1604
35.0	1541
37.5	1472
40.0	1402
42.5	1328
45.0	1252
47.5	1172
50.0	1091
52.5	1011
55.0	927
57.5	844
60.0	761
62.5	680
65.0	600
67.5	519
70.0	442
72.5	365
75.0	294
77.5	226
80.0	164
82.5	108
85.0	61
87.5	27
90.0	0

*MAXIMUM CANDELA VALUE