

IESNA: LM-63-1995
[TEST] 20781

[MANUFAC]ESCO LIGHTING - SURFACE MOUNT 2X2 SQUARE OUTDOOR LUMINAIRE

[LUMCAT]SP2587

[LUMINAIRE]WITH SPECULAR REFLECTOR AND CLEAR FLAT GLASS LENS

[LAMP]ONE VENTURE 1000 WATT MH LAMP

[LAMPCAT]MH1000/U/BT37. LUMEN RATING: 99000 Lms.

[OTHER]LAMP OPERATING AT 1000 WATTS

TILT=NONE

1

99000.

1

37

30

1

1

0.00

0.00

0.00

1

1

0.0

0 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5
40 42.5 45 47.5 50 52.5 55 57.5 60 62.5 65 67.5 70 72.5 75
77.5 80 82.5 85 87.5 90

0 5 15 25 35 45 55 60 62.5 65 67.5 70 72.5 75 77.5 80 82.5
85 87.5 90 95 105 115 125 135 145 155 165 175 180

12121.2 17069.9 22844.5 28825.9 34208.6 34265.6 32024.7

37184.8 34133.1 39512.3

67022.2 80143.4 52024.2 37398.2 33509.8 29702.9 25158.5

17643.5 16265.5 19095.1

19801.4 16812.2 13964.1 10927.4 7204.5 6592.6 794.4

290.7 199.5 114.3

83.7 50.8 21.7 17.0 3.7 0.0 0.0

12121.2 16284.7 21917.3 27796.7 33508.7 34526.2 32249.0

37404.0 34225.0 38821.5

61670.7 81026.4 59990.0 38043.9 33939.8 30243.2 26161.9

18855.7 16401.3 18936.7

20332.8 17606.3 14495.3 11687.1 7459.0 6986.6 1323.7

319.1 214.4 116.7

80.2 44.0 12.3 0.7 0.0 0.0 0.0

12121.2 15960.3 21356.8 27026.8 32733.5 34540.7 32508.5

36195.8 33617.9 36879.8

51298.4 78885.5 72485.7 40213.2 34890.1 31322.4 27441.3

21201.5 16075.5 17342.3

19296.9 18233.7 15339.6 12635.1 8309.7 6916.1 3067.5

358.0 219.1 124.3

81.6 47.6 19.2 5.0 0.0 0.0 0.0

12121.2 15364.6 20388.7 25459.0 31028.1 34364.2 33268.6

33152.3 34231.5 34453.4

39977.2 63203.2 77261.7 58628.8 37651.9 33426.4 30231.2

25199.5 18884.3 15538.7

17123.3 18721.4 17578.7 15130.7 11265.7 7842.1 6076.3

1139.4 230.5 143.5

87.7 55.2 26.1 9.6 0.2 0.0 0.0

12121.2 14717.4 19123.9 23464.9 28474.6 33032.3 34414.8

32902.4 35344.8 33226.6

34666.0 40482.1 62828.4 75138.5 62011.1 38089.2 34196.6

E20781.ies

30436.8	26343.7	19676.1					
15496.8	15240.5	16211.8	15106.5	12398.9	9719.3	7365.4	
3735.7	1053.4	204.1					
120.6	83.1	38.5	12.8	0.0	0.0	0.0	
12121.2	14051.4	17674.2	21416.8	25405.5	29997.0	33601.2	
34274.5	33107.4	34473.3					
34099.1	33882.9	37144.9	50285.6	71942.6	73973.5	51896.9	
36639.7	33641.4	30820.3					
23835.5	17194.6	13990.0	13786.1	13294.1	10980.5	8027.6	
5353.4	2863.1	1164.2					
160.9	91.5	51.1	20.0	1.3	0.0	0.0	
12121.2	13382.1	15991.8	19259.1	22197.2	25552.9	29394.6	
32599.9	34322.4	33969.8					
34139.1	32842.9	34343.2	34487.5	36162.4	45601.2	61948.5	
67361.6	47854.1	40719.4					
31652.0	27881.6	21937.1	14910.5	11241.0	9194.9	8542.3	
7419.7	5248.1	3576.8					
1263.9	189.0	76.7	36.9	6.7	0.0	0.0	
12121.2	13069.9	15216.8	18014.3	20602.1	23218.9	26414.2	
29626.9	32635.9	34215.0					
34275.4	34313.9	33499.9	32266.6	32552.0	33159.3	36417.2	
47349.1	59357.0	49094.7					
40012.7	30202.5	23438.4	19849.0	13433.8	9317.6	7072.2	
5741.7	4771.1	3956.5					
1869.7	1035.2	154.8	46.3	10.9	0.0	0.0	
12121.2	12907.1	14780.5	17354.0	19832.7	22209.1	24908.6	
27858.5	31009.1	33413.9					
34432.7	34774.7	33908.6	32199.8	32411.2	30714.6	31154.5	
35088.7	46299.1	56115.5					
44457.5	34394.4	25181.4	20370.6	14898.8	10289.7	7392.5	
5220.7	4300.0	3644.2					
2273.2	1172.5	375.3	59.7	15.2	0.0	0.0	
12121.2	12776.7	14448.7	16699.1	19055.5	21226.4	23453.5	
26112.4	28999.9	31807.0					
33945.3	35086.1	34108.7	32958.0	31290.2	31303.5	28418.6	
29081.7	32369.8	45295.3					
50799.5	39594.1	30365.5	21973.0	17123.3	11208.3	7954.5	
5717.0	4331.1	3642.8					
2297.9	1411.8	718.7	85.0	18.1	0.0	0.0	
12121.2	12653.9	14132.2	16104.0	18288.2	20295.1	22144.4	
24214.1	26863.9	29604.5					
32290.6	34605.2	34588.9	33306.6	32575.4	31143.8	29124.4	
26766.7	26600.3	30565.5					
42282.0	43335.0	36718.8	27360.2	19674.7	13872.4	8235.3	
6354.0	4547.8	3710.4					
2482.1	1478.2	713.5	158.7	25.2	0.0	0.0	
12121.2	12520.6	13792.3	15521.8	17438.8	19356.8	20936.7	
22509.5	24689.2	26983.8					
29720.7	32716.6	33698.7	34009.7	32901.8	31187.8	29649.8	
27456.0	25333.0	25313.4					
28264.3	37704.7	40386.4	36339.3	26305.9	17876.1	11399.5	
7291.5	5134.3	3896.9					
2582.3	1627.3	827.5	246.7	32.4	0.0	0.0	
12121.2	12409.9	13509.1	14995.3	16633.8	18385.5	19835.5	
21123.9	22664.7	24385.5					
26733.6	29612.0	31461.3	33014.5	33228.3	32317.2	29950.2	
26044.3	25033.0	25550.7					
23990.0	25394.1	34071.9	38329.9	35596.9	25492.1	18813.2	
13040.0	6546.9	4352.7					
2848.8	1670.2	955.7	363.0	63.8	2.6	0.0	
12121.2	12292.1	13234.5	14505.3	15859.2	17374.4	18705.5	
19824.8	20989.1	21996.8					
23681.3	25930.3	27890.3	29971.2	31079.1	31323.1	30185.6	
26904.7	25177.0	23774.1					

E20781.ies							
23737.0	22881.3	22350.9	28711.0	33235.5	29105.9	19774.7	
17339.1	11249.0	6646.5					
2939.6	1659.3	935.8	304.3	62.8	2.1	0.0	
12121.2	12199.3	12998.5	14069.9	15171.5	16396.4	17467.9	
18523.0	19477.7	20154.6					
21103.2	22484.6	24145.6	25709.1	26883.1	28030.2	27824.3	
26408.2	25816.1	24896.2					
23059.9	21311.9	19765.6	19293.5	22514.0	26135.1	23225.7	
15985.0	11726.1	8954.0					
4433.7	1936.7	1008.7	395.1	90.3	8.2	0.0	
12121.2	12119.9	12789.0	13686.7	14592.7	15588.8	16397.2	
17186.3	18044.3	18515.1					
19179.9	19964.0	21008.8	21612.8	22100.9	22684.9	22620.6	
22286.3	22820.9	22849.9					
21569.0	19615.6	17741.0	16392.8	16442.6	17248.4	17226.5	
14411.7	12108.9	7607.0					
5704.5	2359.1	1197.1	442.5	91.1	9.2	0.0	
12121.2	12051.3	12578.3	13331.2	14071.9	14856.7	15449.3	
15935.8	16466.3	16826.3					
17444.1	18039.9	18563.6	18549.9	18399.7	18414.0	17422.9	
16370.0	16708.6	16777.3					
16340.4	15281.4	13594.4	12196.5	12460.5	14073.0	12048.2	
10112.8	7639.8	6246.4					
5308.5	3327.3	1508.4	537.9	104.9	12.0	0.0	
12121.2	11991.4	12403.1	13008.9	13626.7	14229.4	14646.4	
14950.8	15215.1	15295.7					
15693.3	16223.7	16568.0	16394.7	16091.9	15737.2	14689.3	
13362.0	12859.4	12390.3					
11792.5	10569.4	8893.4	8212.0	8639.8	10147.8	9468.6	
8084.2	6618.7	4507.4					
3516.7	3408.3	1421.8	446.5	105.2	7.9	0.0	
12121.2	11945.5	12251.3	12716.0	13230.9	13704.6	13981.7	
14157.2	14279.5	14226.2					
14447.5	14808.2	14971.7	14751.0	14519.0	14194.7	13238.9	
12115.7	11480.9	10752.7					
10068.2	8949.0	7159.0	6250.9	5957.3	6167.8	6053.6	
5424.0	4581.7	3455.5					
2447.1	1902.8	824.9	306.6	73.9	2.5	0.0	
12121.2	11890.4	12132.7	12472.5	12874.6	13234.8	13442.9	
13530.2	13556.9	13429.7					
13573.1	13866.2	13964.9	13784.1	13394.5	12941.7	12114.1	
11166.0	10483.9	9856.2					
9122.5	8175.0	6639.6	5657.7	5227.7	5146.9	4661.5	
4007.0	3177.8	2537.2					
1665.0	985.1	586.5	239.4	61.7	5.1	0.0	
12121.2	11761.1	11890.4	12112.9	12405.9	12668.2	12845.5	
12897.7	12915.9	12763.8					
12907.1	13264.2	13344.1	13294.0	12972.9	12533.5	11666.3	
10344.2	9570.5	9040.8					
8458.3	7575.8	6459.8	5649.7	4536.7	4043.4	3657.3	
3258.3	2686.3	2052.5					
1267.8	947.8	604.3	239.3	57.9	4.5	0.0	
12121.2	11611.4	11637.0	11924.0	12404.9	12989.3	13569.6	
14030.9	14455.4	14700.0					
14824.4	15149.9	15241.0	15067.1	14613.4	13797.9	13207.3	
12292.1	11722.7	10627.3					
9328.6	7977.4	6525.7	5552.8	4722.7	4778.8	5303.8	
5850.7	4206.3	2130.1					
1075.0	694.6	389.9	161.6	51.2	15.1	0.0	
12121.2	11534.6	11630.0	12190.6	13278.5	14600.0	15644.7	
16053.4	15961.4	15674.5					
15326.8	15224.1	14332.9	13697.9	13225.4	12135.3	10777.6	
9533.2	8235.5	7281.2					
6973.8	7301.3	9013.1	11344.2	6742.0	4160.3	2693.2	

E20781.ies

1655.6	1962.8	1578.7	150.0	60.7	9.7	0.0
832.6	476.2	258.3	12912.4	14601.9	15949.3	16425.7
12121.2	11522.8	11729.0				
16498.2	16166.4	15270.8	9788.2	8763.7	8101.8	7788.3
14129.7	12812.3	11289.8				
8159.9	9402.4	10906.0	2149.3	1145.8	1562.8	1837.9
10778.6	11442.8	6096.9				
1511.5	980.0	583.1	103.5	29.5	3.0	0.0
352.4	256.3	204.5	13706.7	15665.3	16485.5	16583.7
12121.2	11555.6	11963.5				
15728.7	14483.1	13441.4	8326.3	7990.6	8635.7	10138.7
12071.9	10357.0	9022.9				
10879.1	12201.2	9590.8	2424.9	3216.9	2365.8	1200.9
4406.8	1671.8	1803.1				
707.0	464.0	372.7	95.2	24.0	6.3	0.0
287.5	236.6	161.2	14545.3	16271.0	16778.4	15786.3
12121.2	11653.2	12383.5				
14015.1	12865.7	11721.2	8768.3	10297.8	11581.4	13009.2
10256.6	9140.0	8615.3				
11177.5	6223.3	2644.4	2929.8	1936.7	1137.1	798.3
1637.9	2247.2	2389.0				
537.4	389.8	316.0	87.2	29.6	9.4	0.0
259.6	218.5	156.8	15140.2	16534.3	16688.7	14654.3
12121.2	11708.1	12676.2				
13034.7	11874.4	10332.6	10261.9	11231.7	13164.5	11791.1
9144.5	8580.5	9026.8				
5647.9	2041.9	1545.4	2449.2	1289.8	887.7	683.5
2298.1	2486.3	3569.6				
527.6	426.5	363.6	69.7	38.5	13.4	0.0
305.3	239.5	175.8	15492.0	16709.6	16334.8	14039.9
12121.2	11778.7	12908.4				
12552.1	11008.4	9553.4	10341.3	12900.4	12929.7	6619.8
8733.5	8675.3	9875.7				
2368.9	1269.0	2030.9	1265.7	782.2	611.7	476.1
2389.7	4108.7	2511.0				
393.5	356.1	306.4	63.3	20.9	2.5	0.0
237.6	224.8	101.2	15704.3	16864.6	16107.7	13785.5
12121.2	11847.7	13060.5				
12372.2	10494.8	9253.5	10961.4	13769.5	11192.5	4913.7
8605.0	8857.9	10091.7				
1098.8	1424.7	1304.0	944.9	697.2	550.3	445.6
3141.5	2795.0	2015.0				
376.4	353.5	305.9	25.8	12.4	5.8	0.0
237.3	183.4	90.0	15617.3	16969.7	16563.4	14064.9
12121.2	11878.0	12939.2				
12616.9	10744.0	9410.8	10902.3	14081.2	11912.6	5213.3
8701.6	8849.9	10205.1				
978.6	1315.0	1316.4	960.5	690.3	549.3	441.0
2663.0	2729.6	2173.6				
379.2	359.7	311.6	18.6	7.7	8.0	0.0
253.3	206.7	89.1				