

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P181006

Luminaire Tested: **ICM-E06-LED-E1-SLL-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181006
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-E06-LED-E1-SLL-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (126) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13107.2 lumens
Efficiency: N/A
Efficacy: 87.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

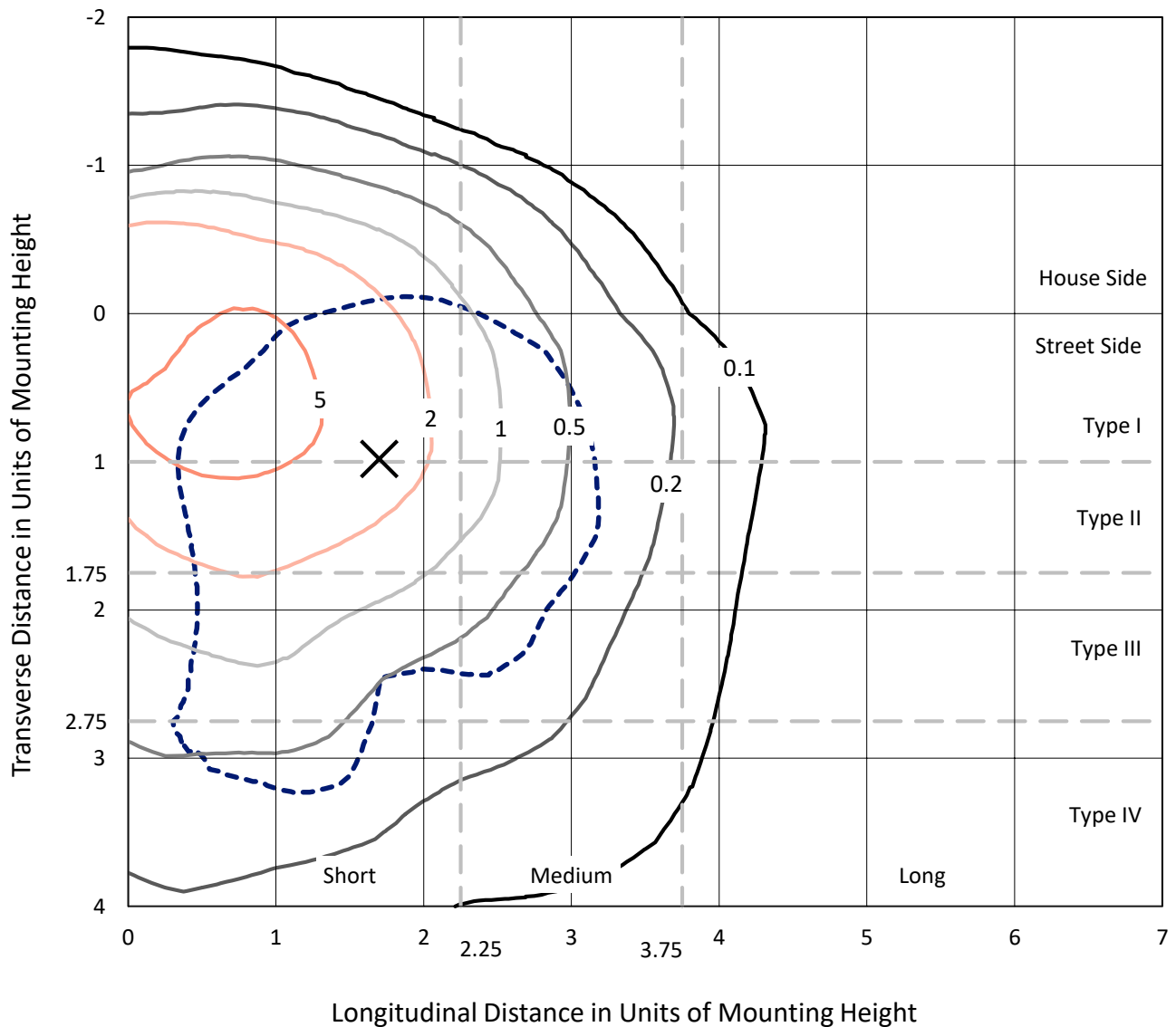
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

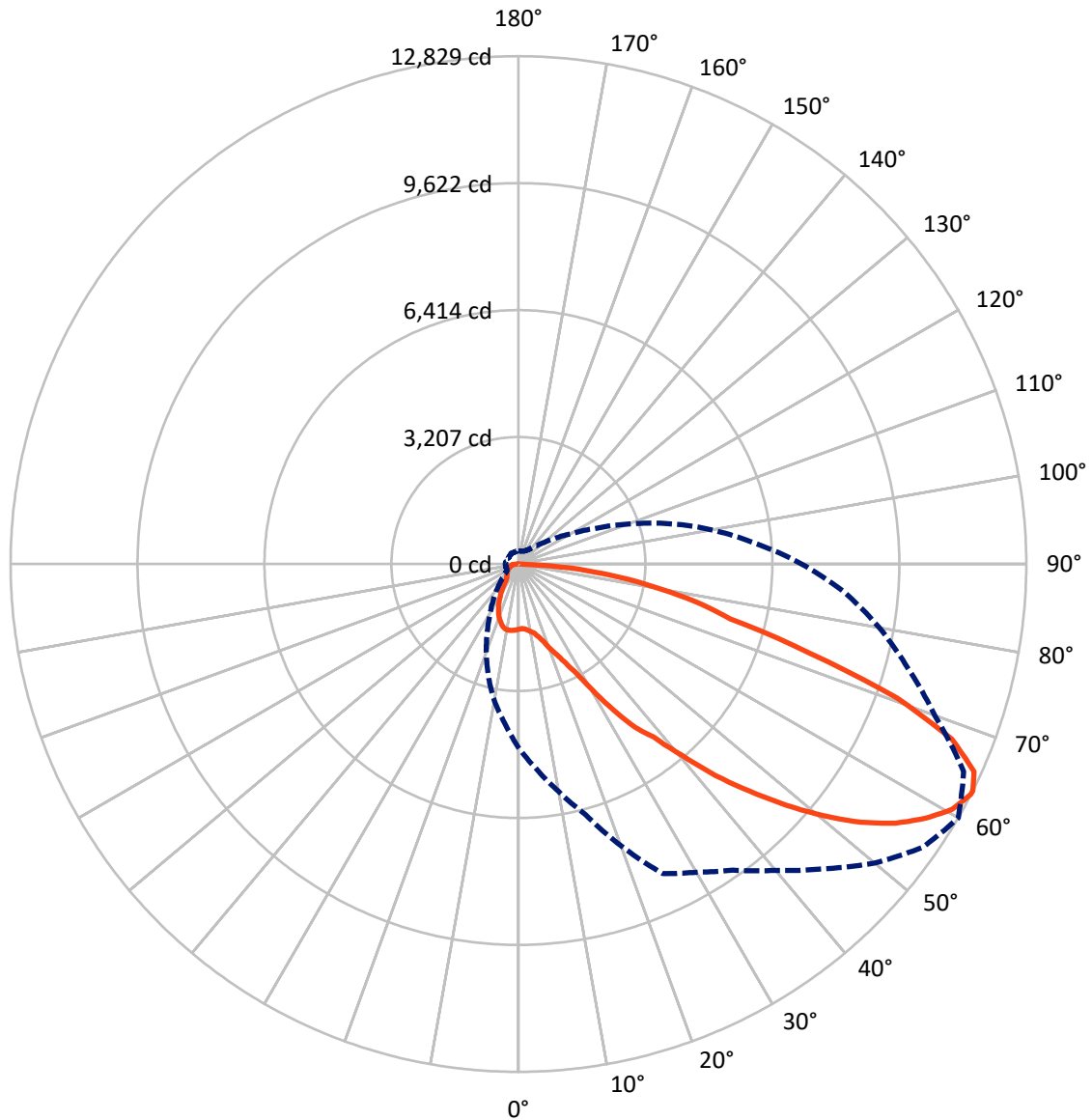
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.1 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2842.3	0.0	2842.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	10265.0	0.0	10265.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	13107.2	0.0	13107.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.3	1.2
10°-20°	499.4	3.8
20°-30°	887.2	6.8
30°-40°	1397.1	10.7
40°-50°	2056.0	15.7
50°-60°	2731.0	20.8
60°-70°	3008.2	23.0
70°-80°	1887.3	14.4
80°-90°	480.7	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	13107.2	100.0
0°-180°	13107.2	100.0



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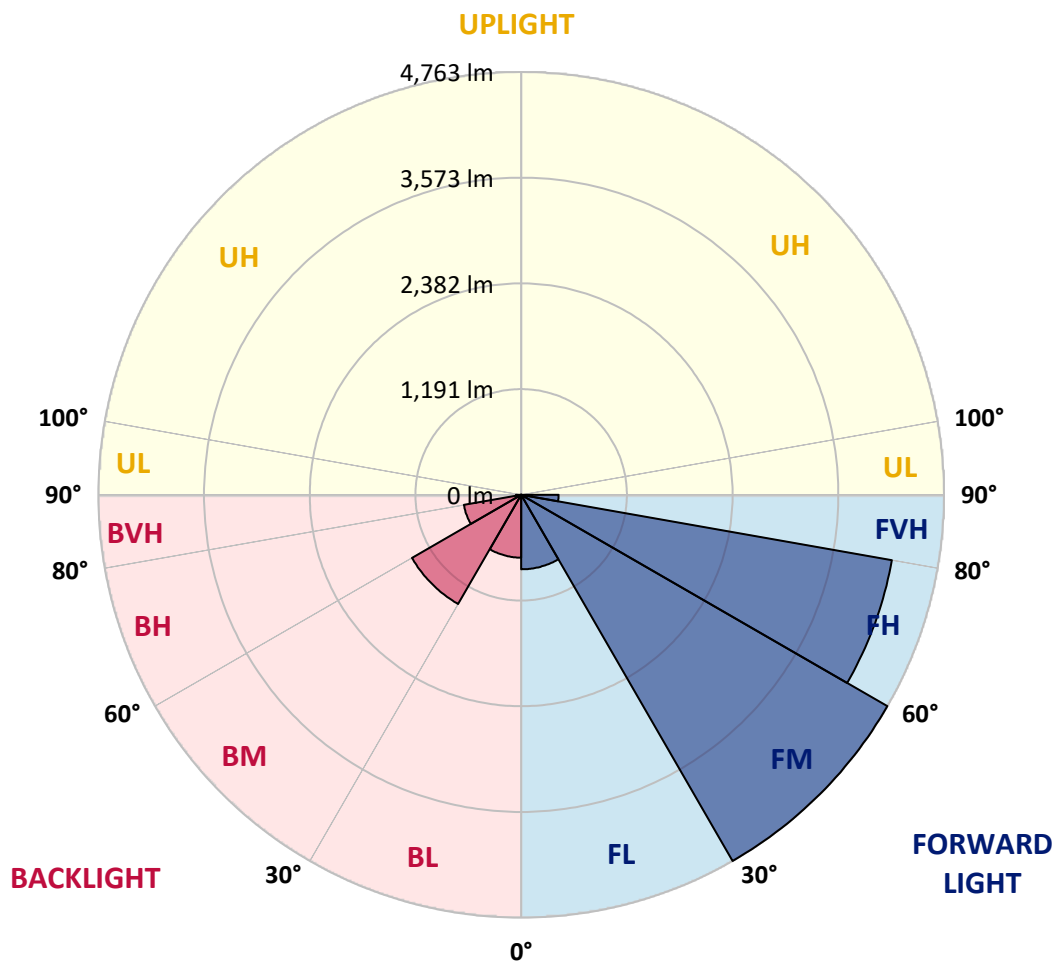
CATALOG NUMBER: ICM-E06-LED-E1-SLL-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	839.3	6.4			
FM (30°-60°)	4763.5	36.3			
FH (60°-80°)	4240.4	32.4			G2/5000
FVH (80°-90°)	421.8	3.2			G3/500
BL (0°-30°)	707.6	5.4	B2/1000		
BM (30°-60°)	1420.6	10.8	B2/2500		
BH (60°-80°)	655.2	5.0	B2/1000		G2/1000
BVH (80°-90°)	58.9	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2
2.5°	1625.2	1628.3	1628.3	1626.7	1626.7	1629.9	1628.3	1626.7	1622.1	1628.3	1628.3
5°	1612.7	1615.7	1615.7	1618.9	1622.1	1625.2	1625.2	1628.3	1626.7	1633.0	1637.8
7.5°	1628.3	1631.5	1637.8	1645.6	1650.3	1661.3	1661.3	1669.1	1672.3	1677.0	1675.5
10°	1648.8	1656.6	1670.7	1683.3	1692.7	1705.2	1714.7	1725.7	1725.7	1730.4	1733.5
12.5°	1684.8	1692.7	1708.4	1724.1	1738.2	1754.0	1768.1	1779.1	1790.1	1793.2	1799.5
15°	1744.5	1754.0	1777.5	1799.5	1816.8	1837.1	1856.0	1878.0	1898.4	1903.1	1906.2
17.5°	1834.1	1852.8	1870.2	1909.4	1934.5	1961.2	1991.1	2022.4	2028.8	2061.7	2069.6
20°	1961.2	1984.8	2000.5	2049.1	2091.5	2126.1	2170.1	2206.2	2220.3	2251.7	2283.1
22.5°	2181.0	2176.3	2199.9	2248.6	2279.9	2349.0	2386.7	2424.4	2443.3	2490.3	2515.5
25°	2476.2	2501.4	2553.2	2557.9	2587.7	2667.8	2716.5	2754.2	2755.7	2769.9	2796.6
27.5°	2766.7	2870.3	2952.0	2996.0	3076.1	3149.9	3146.7	3200.1	3116.9	3134.2	3159.3
30°	3118.4	3291.2	3445.0	3548.7	3630.3	3716.8	3759.1	3789.0	3752.9	3737.1	3707.3
32.5°	3448.2	3690.1	3927.1	4110.8	4263.2	4406.1	4500.3	4542.6	4592.9	4720.1	4765.6
35°	3674.3	4016.7	4311.8	4577.2	4831.6	5059.3	5224.1	5318.4	5282.3	5265.0	5255.6
37.5°	3809.3	4227.0	4596.0	4971.4	5263.4	5604.1	5860.0	6108.1	6164.7	6065.8	6017.1
40°	3894.2	4388.8	4863.0	5305.8	5684.2	6123.9	6441.1	6813.3	7095.9	7133.5	7017.3
42.5°	3935.0	4497.1	5049.8	5550.7	6062.6	6601.2	7003.2	7453.8	7876.2	8166.7	8094.5
45°	3941.2	4567.7	5186.5	5772.1	6381.4	7020.5	7538.7	8038.0	8603.3	9101.0	9115.1
47.5°	3941.2	4621.1	5280.7	5932.3	6667.2	7384.8	7950.1	8540.4	9232.9	9821.7	10002.3
50°	3944.4	4657.3	5368.6	6057.9	6885.4	7692.5	8331.6	9028.8	9757.4	10398.0	10746.6
52.5°	3958.5	4683.9	5437.7	6147.4	7026.7	7909.3	8628.4	9432.3	10157.8	10815.7	11266.4
55°	3990.0	4721.7	5487.9	6202.4	7121.0	8050.6	8843.5	9708.7	10416.9	11084.3	11713.8
57.5°	4077.9	4787.7	5549.2	6251.1	7172.8	8143.2	8994.3	9828.1	10515.8	11211.4	11951.0
60°	4253.7	4927.4	5654.4	6348.4	7259.1	8314.4	9066.5	9748.0	10443.6	11173.7	12004.4
62.5°	4534.8	5145.6	5800.4	6513.2	7505.7	8579.7	9011.5	9509.3	10159.3	10955.4	11814.4
63°	4632.1	5192.8	5833.4	6549.4	7573.2	8628.4	8988.0	9438.7	10101.3	10886.4	11746.9
65°	4903.8	5401.6	5990.5	6731.6	7851.1	8677.1	8804.2	9071.2	9699.3	10492.3	11348.0
67.5°	5411.0	5908.8	6328.0	7039.3	8085.1	8485.5	8234.3	8267.2	8923.6	9744.8	10514.2
70°	5731.3	6324.9	6543.1	7078.6	8042.7	8201.3	7496.2	7059.8	7585.7	8521.6	9195.2
72.5°	5648.1	6329.6	6306.0	6555.7	7194.7	7342.4	6612.2	5924.5	6237.0	6935.7	7372.2
75°	4837.9	5652.8	5480.1	5429.8	5654.4	5751.8	5203.8	5098.5	5492.7	5880.5	5886.7
77.5°	3482.7	4379.4	4176.8	3886.3	3870.6	4095.2	4169.0	4858.3	5440.9	5747.0	5611.9
80°	2218.7	3190.7	2980.3	2473.1	2465.2	2757.3	3405.8	4343.3	4960.3	5131.5	4779.8
82.5°	1158.8	2088.4	2168.5	1856.0	2124.5	2608.1	3241.0	3500.0	3734.0	3757.5	3343.0
85°	722.3	1284.5	1510.5	1559.3	1918.8	2312.9	2308.2	2217.1	2113.5	1808.9	1636.2
87.5°	81.7	161.8	244.9	232.4	312.5	438.0	546.4	320.3	224.6	81.7	113.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2
2.5°	1631.5	1633.0	1634.6	1634.6	1642.4	1640.8	1642.4	1645.6	1650.3	1653.4	1656.6
5°	1644.0	1644.0	1650.3	1655.0	1664.5	1670.7	1673.9	1683.3	1694.2	1691.2	1700.6
7.5°	1684.8	1683.3	1689.6	1692.7	1700.6	1711.5	1710.0	1717.9	1727.3	1730.4	1738.2
10°	1739.8	1735.1	1735.1	1731.9	1733.5	1730.4	1730.4	1730.4	1736.7	1735.1	1741.4
12.5°	1796.4	1794.8	1791.6	1782.2	1782.2	1769.7	1763.4	1755.5	1754.0	1743.0	1744.5
15°	1912.6	1912.6	1906.2	1887.5	1871.7	1860.8	1845.0	1834.1	1818.3	1797.9	1786.9
17.5°	2082.2	2060.1	2052.3	2049.1	2024.0	2014.6	1980.0	1943.9	1926.7	1898.4	1882.7
20°	2289.4	2284.7	2253.3	2237.6	2206.2	2162.2	2118.2	2071.1	2042.9	2008.3	1989.5
22.5°	2523.4	2488.9	2473.1	2449.6	2400.9	2350.6	2284.7	2221.9	2177.9	2154.3	2140.2
25°	2796.6	2762.1	2746.3	2714.9	2655.3	2601.9	2520.2	2446.4	2407.2	2367.9	2345.9
27.5°	3159.3	3126.3	3107.5	3025.8	3005.4	2917.5	2816.9	2716.5	2664.7	2606.5	2568.9
30°	3701.0	3702.6	3605.2	3506.3	3404.2	3251.9	3146.7	3033.7	2948.9	2865.7	2782.4
32.5°	4616.5	4382.5	4201.9	3990.0	3768.6	3606.8	3476.5	3341.4	3223.6	3102.8	2964.6
35°	5175.5	5062.4	4828.4	4440.6	4217.6	4021.3	3876.9	3713.6	3569.1	3355.6	3145.1
37.5°	5806.7	5544.5	5260.2	5045.1	4792.3	4564.7	4322.8	4137.5	3887.8	3600.5	3302.2
40°	6728.4	6353.2	6010.8	5721.9	5395.3	5156.6	4886.5	4618.1	4286.7	3870.6	3460.8
42.5°	7690.9	7303.1	6850.9	6475.6	6090.9	5811.4	5477.0	5100.1	4613.3	4098.3	3597.4
45°	8700.6	8182.5	7640.7	7182.2	6781.8	6434.7	6020.2	5520.9	4927.4	4302.4	3724.6
47.5°	9696.2	9101.0	8455.7	7962.7	7441.3	7017.3	6508.6	5877.3	5172.3	4495.6	3851.7
50°	10573.9	10000.8	9223.5	8597.0	8069.4	7546.5	6912.1	6152.1	5365.4	4662.0	3966.3
52.5°	11330.8	10837.7	10019.6	9228.2	8620.5	8033.3	7237.2	6373.5	5560.1	4815.8	4060.6
55°	11886.6	11558.4	10804.7	9823.3	9105.7	8405.4	7512.0	6587.1	5743.8	4938.4	4121.9
57.5°	12305.8	12123.7	11476.8	10383.9	9551.7	8766.6	7796.1	6843.0	5926.0	5043.6	4150.1
60°	12535.1	12585.4	11985.6	10873.8	9945.8	9068.1	8080.4	7061.3	6061.1	5104.8	4134.4
62.5°	12513.1	12820.9	12367.1	11175.3	10175.0	9247.0	8272.0	7163.4	6042.3	5007.5	3991.5
63°	12470.8	12828.7	12409.5	11195.7	10189.2	9253.4	8276.7	7149.3	6003.0	4960.3	3935.0
65°	12104.9	12648.2	12373.4	11103.0	10063.6	9135.6	8177.7	6945.1	5726.6	4707.6	3644.5
67.5°	11125.1	11804.9	11726.4	10448.2	9468.4	8648.8	7672.1	6287.2	5043.6	4085.7	3088.7
70°	9506.1	10145.3	10159.3	9086.9	8268.8	7464.9	6653.1	5115.8	3997.8	3167.2	2303.5
72.5°	7285.8	7697.3	7840.1	7133.5	6585.5	6020.2	5291.7	3713.6	2850.0	2154.3	1499.5
75°	5641.8	5528.8	5527.2	5228.9	5005.9	4729.5	3928.7	2506.1	1871.7	1400.7	917.0
77.5°	5071.8	4569.3	4082.6	3724.6	3545.6	3453.0	2576.8	1510.5	1103.9	805.5	527.6
80°	4183.1	3442.0	2780.9	2394.6	2240.8	2347.5	1436.8	816.6	604.6	458.5	342.3
82.5°	2884.5	2394.6	1819.9	1507.5	1293.9	1353.5	734.9	417.7	279.5	255.9	212.0
85°	1502.7	1317.4	1111.7	954.7	843.2	741.1	381.6	199.4	116.2	102.0	92.7
87.5°	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2
2.5°	1661.3	1659.7	1662.9	1664.5	1669.1	1672.3	1673.9	1670.7	1675.5	1680.1	1677.0
5°	1705.2	1716.3	1717.9	1722.5	1722.5	1731.9	1731.9	1731.9	1730.4	1731.9	1728.8
7.5°	1743.0	1757.1	1758.6	1764.9	1766.5	1777.5	1772.8	1775.9	1775.9	1768.1	1764.9
10°	1747.6	1761.8	1769.7	1777.5	1788.5	1802.6	1802.6	1810.4	1810.4	1804.2	1802.6
12.5°	1749.2	1760.2	1768.1	1779.1	1794.8	1815.2	1826.2	1837.1	1841.9	1840.3	1835.6
15°	1782.2	1782.2	1783.7	1793.2	1804.2	1829.3	1845.0	1857.6	1865.4	1862.2	1854.4
17.5°	1868.6	1856.0	1846.6	1830.9	1834.1	1846.6	1856.0	1867.0	1868.6	1865.4	1852.8
20°	1969.0	1953.3	1929.8	1904.7	1892.1	1882.7	1876.4	1876.4	1871.7	1856.0	1835.6
22.5°	2111.9	2091.5	2058.5	2020.8	1995.7	1966.0	1929.8	1895.3	1857.6	1819.9	1775.9
25°	2309.8	2281.5	2247.0	2188.9	2135.5	2072.7	1998.9	1922.0	1832.5	1754.0	1689.6
27.5°	2509.2	2446.4	2356.9	2276.9	2177.9	2083.7	1978.5	1884.3	1769.7	1675.5	1604.8
30°	2674.1	2554.7	2426.0	2298.8	2168.5	2041.3	1915.6	1802.6	1677.0	1581.2	1512.1
32.5°	2801.3	2636.4	2457.4	2291.0	2130.8	1975.4	1830.9	1705.2	1578.1	1479.2	1405.3
35°	2919.1	2689.8	2462.2	2256.4	2058.5	1896.8	1733.5	1596.9	1461.9	1358.2	1278.1
37.5°	3007.0	2714.9	2433.9	2192.0	1964.4	1783.7	1617.3	1477.6	1339.4	1226.3	1135.3
40°	3063.6	2699.2	2372.6	2099.4	1852.8	1662.9	1493.3	1348.8	1215.4	1091.3	981.4
42.5°	3109.0	2678.8	2311.4	2014.6	1764.9	1557.7	1383.4	1227.9	1092.8	957.9	836.9
45°	3176.6	2694.5	2284.7	1954.9	1686.4	1468.2	1276.6	1114.9	973.5	841.7	725.4
47.5°	3242.5	2702.3	2245.4	1881.1	1587.5	1375.5	1180.8	1023.8	879.4	758.4	651.6
50°	3302.2	2697.7	2184.2	1786.9	1491.7	1282.9	1094.4	937.4	794.5	683.1	582.5
52.5°	3330.4	2671.0	2108.9	1695.8	1414.8	1201.2	1009.7	857.3	716.0	610.8	518.1
55°	3327.3	2601.9	2009.9	1609.5	1330.0	1114.9	926.4	775.7	648.5	551.2	471.1
57.5°	3280.2	2495.1	1904.7	1513.7	1218.5	1008.1	829.1	683.1	576.3	494.6	427.1
60°	3181.3	2358.4	1766.5	1374.0	1078.7	876.2	708.2	582.5	496.2	433.4	389.4
62.5°	2996.0	2162.2	1593.8	1179.3	890.3	705.0	559.0	477.3	412.9	375.3	354.9
63°	2941.0	2108.9	1520.0	1132.1	846.3	665.8	527.6	442.8	395.7	362.7	343.9
65°	2667.8	1846.6	1271.9	913.9	658.0	513.5	424.0	359.5	331.4	317.2	315.6
67.5°	2160.7	1452.5	899.7	626.5	447.5	370.6	325.0	298.3	285.8	282.6	285.8
70°	1516.8	917.0	571.5	416.1	331.4	298.3	278.0	267.0	259.1	260.7	263.8
72.5°	967.3	549.6	392.6	315.6	279.5	262.2	252.8	249.7	248.1	246.5	246.5
75°	551.2	365.9	301.5	273.2	254.4	240.3	232.4	229.2	230.8	232.4	229.2
77.5°	364.3	301.5	268.5	249.7	232.4	216.7	212.0	210.4	213.6	216.7	216.7
80°	287.4	268.5	249.7	230.8	202.5	191.5	194.7	196.3	194.7	196.3	191.5
82.5°	202.5	199.4	204.1	196.3	168.0	158.6	155.4	157.0	153.9	153.9	150.7
85°	94.2	94.2	98.9	98.9	95.8	97.4	105.2	114.6	119.3	114.6	108.4
87.5°	0.0	0.0	0.0	0.0	0.0	14.1	28.3	40.8	44.0	55.0	53.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181006

CATALOG NUMBER: ICM-E06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2
2.5°	1672.3	1675.5	1673.9	1672.3	1675.5	1672.3	1673.9	1672.3	1672.3	1670.7	1670.7
5°	1725.7	1730.4	1720.9	1719.4	1716.3	1708.4	1708.4	1705.2	1705.2	1699.0	1694.2
7.5°	1760.2	1761.8	1754.0	1752.4	1744.5	1736.7	1730.4	1724.1	1722.5	1717.9	1708.4
10°	1793.2	1790.1	1783.7	1775.9	1768.1	1757.1	1749.2	1741.4	1739.8	1731.9	1720.9
12.5°	1821.5	1819.9	1807.4	1799.5	1786.9	1775.9	1766.5	1757.1	1752.4	1743.0	1727.3
15°	1840.3	1830.9	1815.2	1801.0	1786.9	1774.3	1763.4	1752.4	1747.6	1736.7	1720.9
17.5°	1832.5	1815.2	1794.8	1777.5	1758.6	1743.0	1733.5	1722.5	1714.7	1708.4	1686.4
20°	1804.2	1779.1	1747.6	1727.3	1702.1	1681.7	1675.5	1664.5	1658.1	1634.6	1606.3
22.5°	1730.4	1694.2	1655.0	1625.2	1596.9	1576.5	1560.8	1549.8	1534.1	1520.0	1476.0
25°	1637.8	1596.9	1556.1	1520.0	1482.3	1450.9	1422.6	1395.9	1388.1	1358.2	1315.8
27.5°	1548.3	1502.7	1461.9	1419.5	1370.8	1331.5	1282.9	1245.2	1220.1	1188.7	1149.4
30°	1452.5	1406.9	1352.0	1295.4	1238.9	1196.5	1141.6	1096.0	1064.7	1031.6	995.5
32.5°	1331.5	1276.6	1210.6	1147.8	1096.0	1045.8	990.8	946.9	915.4	885.6	851.1
35°	1193.4	1121.1	1050.5	981.4	926.4	884.0	835.4	802.4	780.4	753.7	717.6
37.5°	1034.8	953.1	877.8	824.4	775.7	734.9	700.3	679.9	656.4	642.2	620.3
40°	874.6	794.5	720.7	672.1	631.3	607.6	588.8	584.1	568.4	549.6	535.4
42.5°	733.3	656.4	584.1	544.8	518.1	511.9	502.5	502.5	494.6	480.5	471.1
45°	637.5	557.4	494.6	466.3	452.2	450.7	446.0	446.0	444.4	438.0	427.1
47.5°	568.4	496.2	447.5	430.2	427.1	424.0	419.3	417.7	416.1	411.4	405.1
50°	505.6	444.4	412.9	405.1	406.7	402.0	397.3	392.6	391.0	386.2	380.0
52.5°	447.5	403.5	383.2	378.4	378.4	378.4	375.3	375.3	372.2	370.6	364.3
55°	414.5	381.6	370.6	369.0	367.4	365.9	362.7	362.7	359.5	358.0	350.1
57.5°	386.2	365.9	359.5	356.5	354.9	351.7	350.1	350.1	350.1	350.1	340.7
60°	364.3	354.9	353.3	350.1	348.6	342.3	339.2	337.6	339.2	340.7	331.4
62.5°	340.7	339.2	337.6	334.4	332.9	326.6	321.9	318.8	321.9	325.0	323.4
63°	334.4	332.9	332.9	331.4	329.8	321.9	317.2	314.0	317.2	320.3	320.3
65°	312.5	314.0	314.0	312.5	310.9	306.2	299.9	296.7	298.3	303.1	304.7
67.5°	288.9	290.5	288.9	290.5	288.9	285.8	281.0	278.0	276.4	278.0	279.5
70°	267.0	270.0	268.5	267.0	265.4	265.4	262.2	257.5	255.9	254.4	254.4
72.5°	248.1	248.1	244.9	244.9	243.4	243.4	240.3	235.5	234.0	234.0	230.8
75°	227.7	227.7	223.0	223.0	219.8	221.4	218.2	213.6	212.0	212.0	210.4
77.5°	215.2	210.4	202.5	201.0	199.4	199.4	197.9	193.1	191.5	191.5	190.0
80°	190.0	180.6	172.7	171.2	172.7	175.9	175.9	172.7	172.7	172.7	172.7
82.5°	147.6	144.5	139.7	136.7	136.7	141.3	147.6	150.7	153.9	157.0	157.0
85°	108.4	110.0	108.4	103.6	102.0	106.8	113.0	119.3	120.9	127.2	125.6
87.5°	58.1	59.6	55.0	53.4	58.1	61.2	67.5	69.1	72.2	73.8	75.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181006

CATALOG NUMBER: ICM-E06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2
2.5°	1669.1	1667.5	1669.1	1666.0	1666.0	1662.9	1659.7	1658.1	1655.0	1653.4	1650.3
5°	1697.4	1692.7	1688.0	1686.4	1680.1	1673.9	1669.1	1661.3	1655.0	1644.0	1640.8
7.5°	1716.3	1705.2	1699.0	1697.4	1688.0	1683.3	1672.3	1662.9	1653.4	1639.4	1634.6
10°	1724.1	1713.1	1702.1	1697.4	1686.4	1678.6	1667.5	1653.4	1645.6	1631.5	1628.3
12.5°	1733.5	1713.1	1695.8	1683.3	1667.5	1650.3	1639.4	1631.5	1620.5	1612.7	1609.5
15°	1716.3	1689.6	1662.9	1639.4	1614.1	1595.4	1584.4	1571.8	1559.3	1554.5	1554.5
17.5°	1669.1	1634.6	1589.0	1559.3	1532.6	1512.1	1498.0	1485.4	1483.8	1477.6	1480.8
20°	1571.8	1526.2	1482.3	1460.3	1444.6	1432.0	1417.9	1411.6	1406.9	1397.5	1394.3
22.5°	1436.8	1399.1	1367.6	1352.0	1339.4	1323.7	1311.2	1292.3	1287.5	1278.1	1273.5
25°	1287.5	1257.8	1231.1	1220.1	1212.2	1190.2	1182.4	1157.2	1140.0	1129.0	1135.3
27.5°	1138.4	1116.5	1091.3	1077.2	1072.5	1052.0	1044.2	1015.9	1001.8	1001.8	986.1
30°	984.6	964.1	948.4	932.7	929.6	904.5	884.0	873.0	857.3	851.1	840.1
32.5°	840.1	819.6	807.1	799.3	786.7	766.2	745.9	727.0	701.9	692.5	687.7
35°	706.6	690.9	675.2	668.9	651.6	629.7	604.6	588.8	559.0	548.0	543.3
37.5°	604.6	585.7	574.7	557.4	540.2	516.6	497.8	483.6	472.7	467.9	467.9
40°	522.9	508.7	496.2	482.0	467.9	455.4	446.0	442.8	441.2	441.2	444.4
42.5°	461.7	449.1	442.8	435.0	430.2	430.2	428.7	430.2	431.8	433.4	438.0
45°	420.8	412.9	409.9	408.3	411.4	414.5	416.1	419.3	425.5	428.7	430.2
47.5°	398.8	392.6	391.0	392.6	397.3	403.5	409.9	414.5	419.3	420.8	422.4
50°	376.8	369.0	365.9	369.0	375.3	384.7	389.4	397.3	400.4	403.5	400.4
52.5°	358.0	351.7	350.1	350.1	356.5	362.7	369.0	375.3	376.8	376.8	375.3
55°	342.3	337.6	332.9	336.0	340.7	347.0	356.5	361.1	364.3	365.9	365.9
57.5°	329.8	325.0	320.3	323.4	328.2	334.4	343.9	348.6	351.7	356.5	358.0
60°	320.3	314.0	309.3	314.0	318.8	328.2	336.0	340.7	348.6	350.1	350.1
62.5°	310.9	304.7	296.7	301.5	301.5	306.2	314.0	320.3	328.2	331.4	331.4
63°	309.3	303.1	295.2	298.3	298.3	301.5	307.7	314.0	323.4	326.6	325.0
65°	296.7	295.2	287.4	287.4	284.2	287.4	292.1	298.3	303.1	307.7	307.7
67.5°	276.4	274.8	273.2	273.2	273.2	276.4	279.5	284.2	288.9	292.1	290.5
70°	252.8	252.8	252.8	254.4	254.4	257.5	259.1	257.5	262.2	265.4	263.8
72.5°	232.4	230.8	229.2	232.4	230.8	230.8	234.0	232.4	237.1	237.1	238.7
75°	210.4	208.8	208.8	210.4	207.3	204.1	205.7	205.7	207.3	207.3	210.4
77.5°	191.5	191.5	191.5	190.0	186.9	185.3	183.7	183.7	183.7	183.7	185.3
80°	174.3	174.3	174.3	172.7	169.6	166.4	163.3	161.8	160.2	152.3	152.3
82.5°	157.0	157.0	157.0	157.0	155.4	152.3	147.6	135.1	128.7	122.5	124.1
85°	124.1	127.2	130.3	135.1	133.5	133.5	124.1	108.4	98.9	92.7	94.2
87.5°	80.1	70.7	70.7	69.1	66.0	62.8	62.8	53.4	44.0	39.3	40.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181006
 CATALOG NUMBER: ICM-E06-LED-E1-SLL-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	0°
2.5°	1650.3	1647.2	1644.0	1644.0	1639.4	1639.4	1636.2	1642.4	1636.2	1631.5	1631.5	2.5°
5°	1637.8	1634.6	1625.2	1623.6	1617.3	1617.3	1617.3	1614.1	1614.1	1611.1	1609.5	5°
7.5°	1629.9	1622.1	1614.1	1609.5	1609.5	1606.3	1612.7	1609.5	1611.1	1611.1	1612.7	7.5°
10°	1623.6	1617.3	1614.1	1612.7	1612.7	1617.3	1622.1	1623.6	1622.1	1623.6	1623.6	10°
12.5°	1607.9	1611.1	1612.7	1618.9	1626.7	1636.2	1647.2	1648.8	1651.9	1651.9	1655.0	12.5°
15°	1557.7	1565.5	1574.9	1590.6	1611.1	1631.5	1651.9	1669.1	1684.8	1692.7	1699.0	15°
17.5°	1487.0	1494.9	1512.1	1529.4	1556.1	1586.0	1620.5	1650.3	1683.3	1713.1	1743.0	17.5°
20°	1391.3	1403.8	1408.5	1439.9	1471.3	1512.1	1552.9	1600.1	1656.6	1713.1	1771.2	20°
22.5°	1267.2	1281.3	1303.3	1328.4	1361.4	1411.6	1460.3	1534.1	1609.5	1689.6	1780.7	22.5°
25°	1129.0	1144.7	1163.5	1190.2	1223.2	1276.6	1347.3	1425.8	1518.4	1623.6	1736.7	25°
27.5°	986.1	1001.8	1017.5	1036.4	1074.1	1130.5	1213.8	1295.4	1397.5	1512.1	1644.0	27.5°
30°	843.2	844.7	854.2	877.8	917.0	990.8	1052.0	1154.1	1260.8	1381.8	1534.1	30°
32.5°	686.1	684.7	695.6	716.0	753.7	824.4	899.7	998.7	1103.9	1256.2	1413.2	32.5°
35°	546.4	546.4	566.9	587.3	629.7	679.9	745.9	833.8	957.9	1099.2	1256.2	35°
37.5°	472.7	483.6	496.2	516.6	549.6	588.8	646.9	723.9	821.2	956.3	1100.8	37.5°
40°	449.1	455.4	466.3	485.2	513.5	549.6	592.0	650.1	725.4	833.8	965.7	40°
42.5°	439.6	441.2	447.5	461.7	486.8	522.9	566.9	618.7	675.2	752.1	866.8	42.5°
45°	430.2	428.7	431.8	442.8	463.3	504.0	554.3	610.8	667.4	731.7	826.0	45°
47.5°	422.4	422.4	422.4	427.1	446.0	486.8	544.8	610.8	678.3	750.6	843.2	47.5°
50°	400.4	398.8	398.8	402.0	416.1	460.1	529.1	609.2	697.2	791.4	896.6	50°
52.5°	375.3	375.3	376.8	378.4	391.0	435.0	511.9	609.2	719.2	844.7	976.7	52.5°
55°	367.4	369.0	370.6	369.0	378.4	416.1	493.0	599.8	728.6	887.2	1063.1	55°
57.5°	361.1	364.3	364.3	362.7	369.0	400.4	474.2	581.0	720.7	902.9	1124.3	57.5°
60°	351.7	351.7	351.7	347.0	350.1	378.4	446.0	551.2	695.6	888.7	1133.7	60°
62.5°	331.4	331.4	328.2	326.6	325.0	347.0	408.3	507.2	650.1	851.1	1110.1	62.5°
63°	326.6	325.0	325.0	320.3	320.3	340.7	400.4	500.9	637.5	841.7	1100.8	63°
65°	309.3	309.3	309.3	306.2	304.7	320.3	369.0	456.9	588.8	797.7	1053.6	65°
67.5°	290.5	292.1	288.9	287.4	285.8	295.2	332.9	402.0	513.5	705.0	965.7	67.5°
70°	263.8	265.4	265.4	263.8	262.2	268.5	292.1	345.5	425.5	587.3	822.8	70°
72.5°	240.3	243.4	243.4	246.5	246.5	251.3	260.7	287.4	340.7	458.5	646.9	72.5°
75°	215.2	216.7	219.8	223.0	219.8	218.2	219.8	240.3	267.0	339.2	461.7	75°
77.5°	193.1	197.9	197.9	196.3	191.5	188.5	188.5	197.9	219.8	257.5	329.8	77.5°
80°	160.2	168.0	169.6	164.8	160.2	160.2	163.3	169.6	183.7	212.0	249.7	80°
82.5°	128.7	136.7	138.1	139.7	138.1	142.9	142.9	144.5	152.3	174.3	204.1	82.5°
85°	98.9	105.2	110.0	111.4	113.0	114.6	113.0	105.2	110.0	124.1	138.1	85°
87.5°	44.0	45.6	42.4	44.0	42.4	44.0	45.6	37.7	36.1	48.7	50.2	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P181006

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1647.2	1647.2	1647.2	1647.2	1647.2	1647.2	1647.2
1629.9	1629.9	1631.5	1628.3	1628.3	1629.9	1625.2
1604.8	1611.1	1611.1	1611.1	1607.9	1611.1	1612.7
1611.1	1615.7	1618.9	1618.9	1617.3	1623.6	1628.3
1618.9	1626.7	1629.9	1629.9	1629.9	1637.8	1648.8
1648.8	1655.0	1659.7	1659.7	1662.9	1672.3	1684.8
1703.7	1711.5	1711.5	1710.0	1719.4	1730.4	1744.5
1764.9	1786.9	1797.9	1796.4	1804.2	1818.3	1834.1
1823.0	1884.3	1911.0	1929.8	1937.7	1956.5	1961.2
1871.7	1973.8	2047.5	2110.3	2140.2	2159.1	2181.0
1854.4	1992.6	2124.5	2253.3	2344.4	2436.9	2476.2
1783.7	1956.5	2129.2	2317.7	2482.5	2647.4	2766.7
1697.4	1904.7	2137.0	2404.0	2664.7	2917.5	3118.4
1598.5	1856.0	2154.3	2484.1	2826.4	3157.7	3448.2
1474.4	1763.4	2111.9	2491.9	2895.5	3297.5	3674.3
1317.4	1637.8	2013.0	2435.5	2898.6	3358.7	3809.3
1160.4	1479.2	1887.5	2353.8	2857.8	3372.9	3894.2
1050.5	1337.9	1760.2	2250.2	2791.8	3350.9	3935.0
975.1	1235.7	1647.2	2155.9	2721.2	3311.6	3941.2
968.8	1191.8	1573.4	2086.8	2664.7	3277.0	3941.2
1022.2	1215.4	1548.3	2052.3	2641.1	3266.1	3944.4
1122.7	1309.6	1593.8	2079.0	2659.9	3280.2	3958.5
1243.6	1452.5	1716.3	2171.6	2740.0	3327.3	3990.0
1353.5	1617.3	1925.1	2350.6	2886.1	3446.6	4077.9
1417.9	1758.6	2146.5	2601.9	3135.7	3683.7	4253.7
1425.8	1837.1	2342.8	2875.1	3438.8	3955.4	4534.8
1419.5	1843.5	2367.9	2926.9	3503.2	4022.9	4632.1
1384.9	1845.0	2438.5	3109.0	3726.2	4307.1	4903.8
1297.0	1794.8	2463.6	3251.9	4007.2	4680.9	5411.0
1144.7	1651.9	2389.9	3255.1	4115.6	4889.7	5731.3
920.2	1380.2	2071.1	2961.4	3829.8	4683.9	5648.1
673.6	1014.3	1565.5	2294.1	3124.8	3898.9	4837.9
447.5	656.4	1055.2	1634.6	2240.8	2806.0	3482.7
307.7	406.7	617.1	983.0	1370.8	1645.6	2218.7
226.1	268.5	342.3	502.5	659.5	811.8	1158.8
141.3	153.9	171.2	248.1	354.9	478.9	722.3
37.7	39.3	36.1	48.7	76.9	73.8	81.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

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