

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: P181106

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

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181106  
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-SLR-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
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

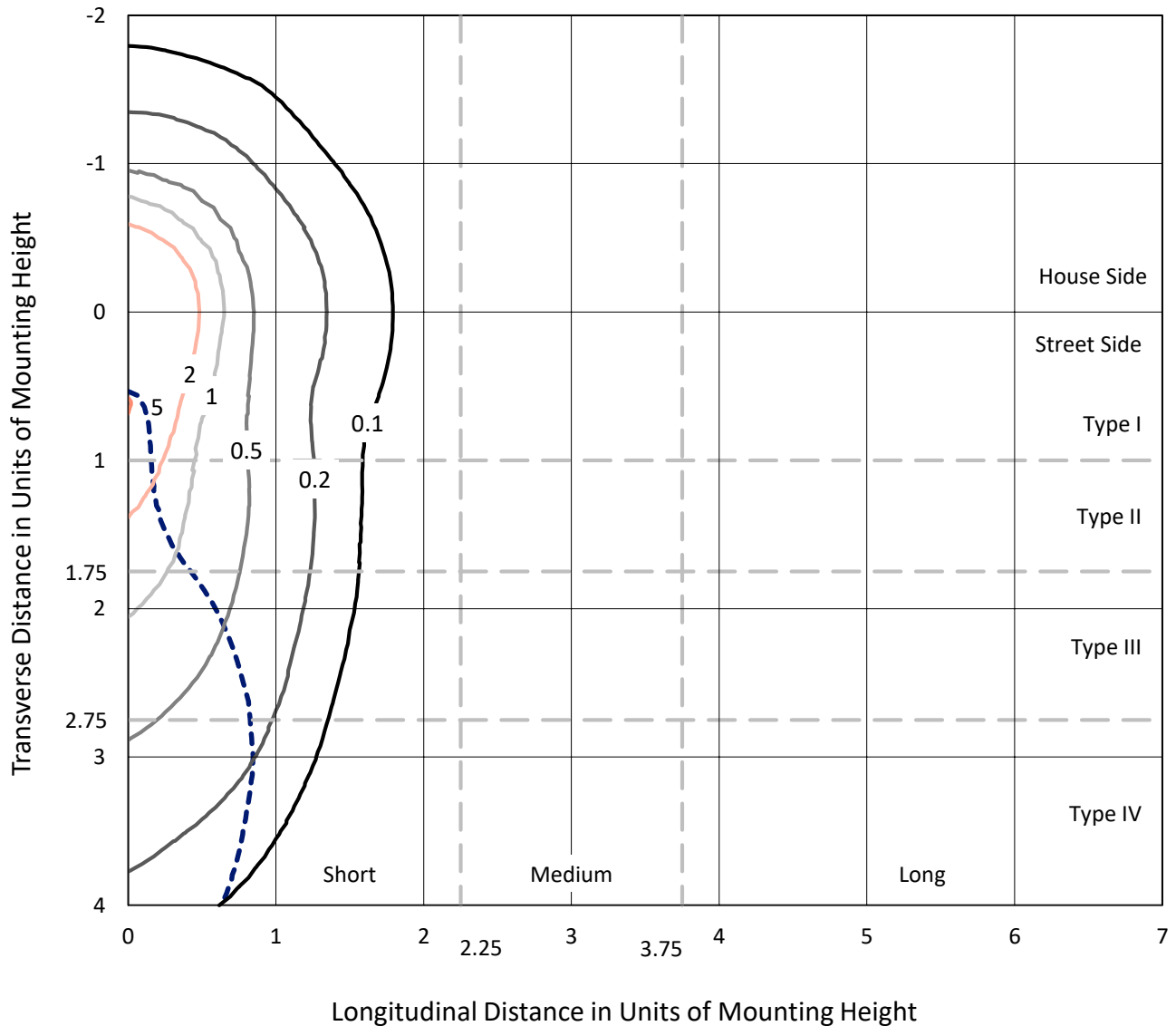
Input Watts (W): 150.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

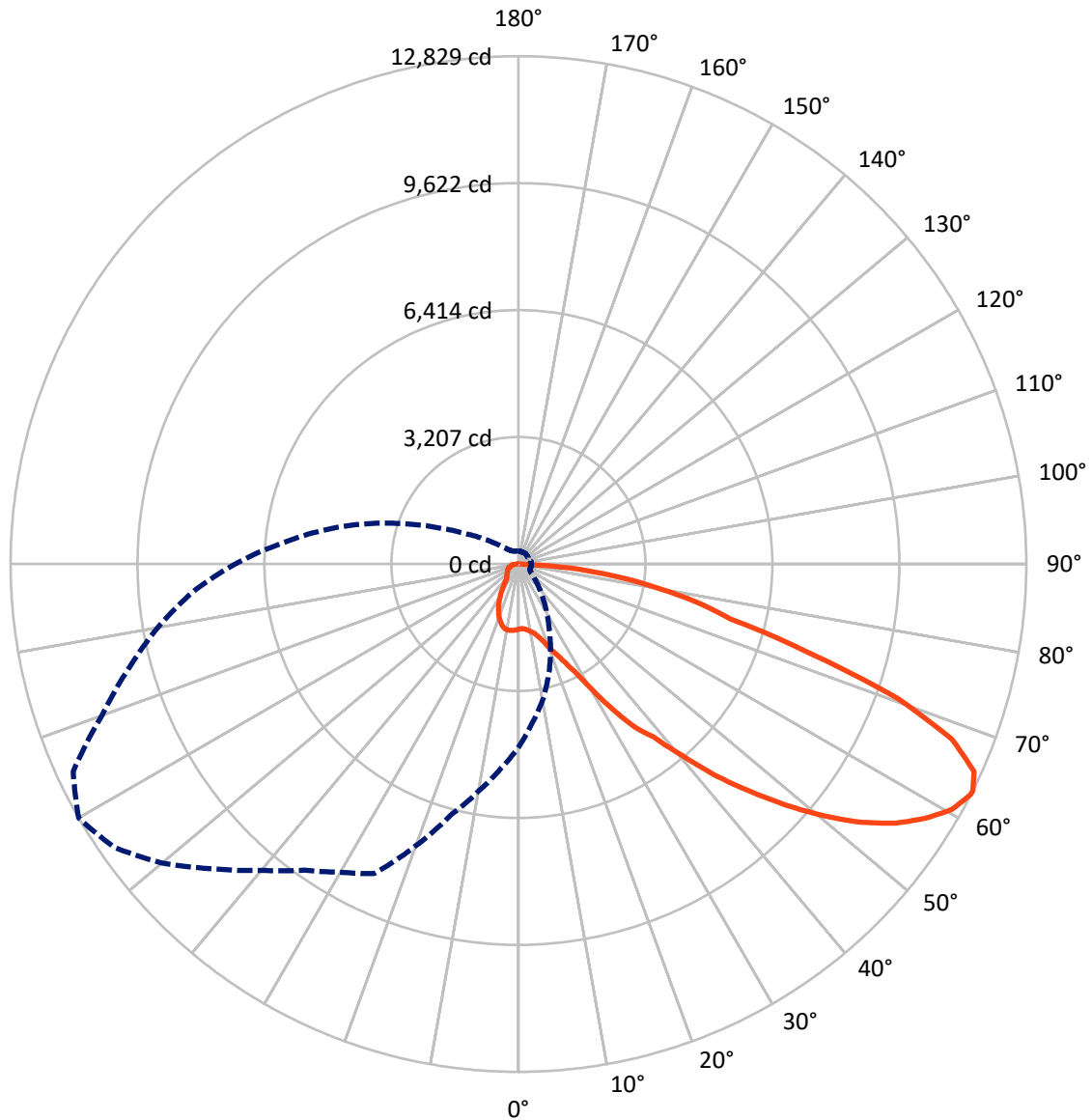
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.2 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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**FLUX DISTRIBUTION:**

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

**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

**Coefficient of Utilization**



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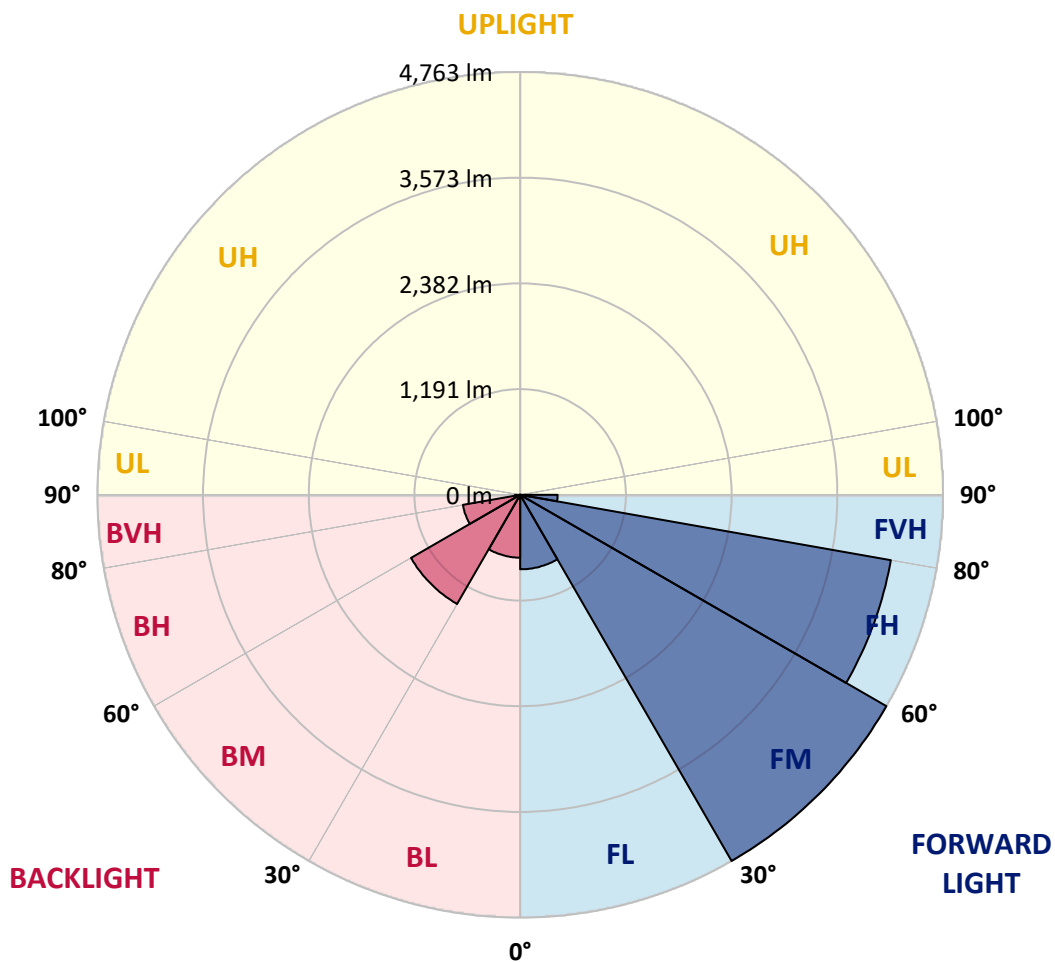
CATALOG NUMBER: ICM-E06-LED-E1-SLR-8030

**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	1629.9	1628.3	1628.3	1631.5	1629.9	1629.9	1631.5	1631.5	1636.2	1642.4
5°	1612.7	1611.1	1607.9	1611.1	1611.1	1611.1	1604.8	1609.5	1611.1	1614.1	1614.1
7.5°	1628.3	1623.6	1617.3	1618.9	1618.9	1615.7	1611.1	1612.7	1611.1	1611.1	1609.5
10°	1648.8	1637.8	1629.9	1629.9	1629.9	1626.7	1618.9	1623.6	1623.6	1622.1	1623.6
12.5°	1684.8	1672.3	1662.9	1659.7	1659.7	1655.0	1648.8	1655.0	1651.9	1651.9	1648.8
15°	1744.5	1730.4	1719.4	1710.0	1711.5	1711.5	1703.7	1699.0	1692.7	1684.8	1669.1
17.5°	1834.1	1818.3	1804.2	1796.4	1797.9	1786.9	1764.9	1743.0	1713.1	1683.3	1650.3
20°	1961.2	1956.5	1937.7	1929.8	1911.0	1884.3	1823.0	1771.2	1713.1	1656.6	1600.1
22.5°	2181.0	2159.1	2140.2	2110.3	2047.5	1973.8	1871.7	1780.7	1689.6	1609.5	1534.1
25°	2476.2	2436.9	2344.4	2253.3	2124.5	1992.6	1854.4	1736.7	1623.6	1518.4	1425.8
27.5°	2766.7	2647.4	2482.5	2317.7	2129.2	1956.5	1783.7	1644.0	1512.1	1397.5	1295.4
30°	3118.4	2917.5	2664.7	2404.0	2137.0	1904.7	1697.4	1534.1	1381.8	1260.8	1154.1
32.5°	3448.2	3157.7	2826.4	2484.1	2154.3	1856.0	1598.5	1413.2	1256.2	1103.9	998.7
35°	3674.3	3297.5	2895.5	2491.9	2111.9	1763.4	1474.4	1256.2	1099.2	957.9	833.8
37.5°	3809.3	3358.7	2898.6	2435.5	2013.0	1637.8	1317.4	1100.8	956.3	821.2	723.9
40°	3894.2	3372.9	2857.8	2353.8	1887.5	1479.2	1160.4	965.7	833.8	725.4	650.1
42.5°	3935.0	3350.9	2791.8	2250.2	1760.2	1337.9	1050.5	866.8	752.1	675.2	618.7
45°	3941.2	3311.6	2721.2	2155.9	1647.2	1235.7	975.1	826.0	731.7	667.4	610.8
47.5°	3941.2	3277.0	2664.7	2086.8	1573.4	1191.8	968.8	843.2	750.6	678.3	610.8
50°	3944.4	3266.1	2641.1	2052.3	1548.3	1215.4	1022.2	896.6	791.4	697.2	609.2
52.5°	3958.5	3280.2	2659.9	2079.0	1593.8	1309.6	1122.7	976.7	844.7	719.2	609.2
55°	3990.0	3327.3	2740.0	2171.6	1716.3	1452.5	1243.6	1063.1	887.2	728.6	599.8
57.5°	4077.9	3446.6	2886.1	2350.6	1925.1	1617.3	1353.5	1124.3	902.9	720.7	581.0
60°	4253.7	3683.7	3135.7	2601.9	2146.5	1758.6	1417.9	1133.7	888.7	695.6	551.2
62.5°	4534.8	3955.4	3438.8	2875.1	2342.8	1837.1	1425.8	1110.1	851.1	650.1	507.2
63°	4632.1	4022.9	3503.2	2926.9	2367.9	1843.5	1419.5	1100.8	841.7	637.5	500.9
65°	4903.8	4307.1	3726.2	3109.0	2438.5	1845.0	1384.9	1053.6	797.7	588.8	456.9
67.5°	5411.0	4680.9	4007.2	3251.9	2463.6	1794.8	1297.0	965.7	705.0	513.5	402.0
70°	5731.3	4889.7	4115.6	3255.1	2389.9	1651.9	1144.7	822.8	587.3	425.5	345.5
72.5°	5648.1	4683.9	3829.8	2961.4	2071.1	1380.2	920.2	646.9	458.5	340.7	287.4
75°	4837.9	3898.9	3124.8	2294.1	1565.5	1014.3	673.6	461.7	339.2	267.0	240.3
77.5°	3482.7	2806.0	2240.8	1634.6	1055.2	656.4	447.5	329.8	257.5	219.8	197.9
80°	2218.7	1645.6	1370.8	983.0	617.1	406.7	307.7	249.7	212.0	183.7	169.6
82.5°	1158.8	811.8	659.5	502.5	342.3	268.5	226.1	204.1	174.3	152.3	144.5
85°	722.3	478.9	354.9	248.1	171.2	153.9	141.3	138.1	124.1	110.0	105.2
87.5°	81.7	73.8	76.9	48.7	36.1	39.3	37.7	50.2	48.7	36.1	37.7
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°	1636.2	1639.4	1639.4	1644.0	1644.0	1647.2	1650.3	1650.3	1653.4	1655.0	1658.1
5°	1617.3	1617.3	1617.3	1623.6	1625.2	1634.6	1637.8	1640.8	1644.0	1655.0	1661.3
7.5°	1612.7	1606.3	1609.5	1609.5	1614.1	1622.1	1629.9	1634.6	1639.4	1653.4	1662.9
10°	1622.1	1617.3	1612.7	1612.7	1614.1	1617.3	1623.6	1628.3	1631.5	1645.6	1653.4
12.5°	1647.2	1636.2	1626.7	1618.9	1612.7	1611.1	1607.9	1609.5	1612.7	1620.5	1631.5
15°	1651.9	1631.5	1611.1	1590.6	1574.9	1565.5	1557.7	1554.5	1554.5	1559.3	1571.8
17.5°	1620.5	1586.0	1556.1	1529.4	1512.1	1494.9	1487.0	1480.8	1477.6	1483.8	1485.4
20°	1552.9	1512.1	1471.3	1439.9	1408.5	1403.8	1391.3	1394.3	1397.5	1406.9	1411.6
22.5°	1460.3	1411.6	1361.4	1328.4	1303.3	1281.3	1267.2	1273.5	1278.1	1287.5	1292.3
25°	1347.3	1276.6	1223.2	1190.2	1163.5	1144.7	1129.0	1135.3	1129.0	1140.0	1157.2
27.5°	1213.8	1130.5	1074.1	1036.4	1017.5	1001.8	986.1	986.1	1001.8	1001.8	1015.9
30°	1052.0	990.8	917.0	877.8	854.2	844.7	843.2	840.1	851.1	857.3	873.0
32.5°	899.7	824.4	753.7	716.0	695.6	684.7	686.1	687.7	692.5	701.9	727.0
35°	745.9	679.9	629.7	587.3	566.9	546.4	546.4	543.3	548.0	559.0	588.8
37.5°	646.9	588.8	549.6	516.6	496.2	483.6	472.7	467.9	467.9	472.7	483.6
40°	592.0	549.6	513.5	485.2	466.3	455.4	449.1	444.4	441.2	441.2	442.8
42.5°	566.9	522.9	486.8	461.7	447.5	441.2	439.6	438.0	433.4	431.8	430.2
45°	554.3	504.0	463.3	442.8	431.8	428.7	430.2	430.2	428.7	425.5	419.3
47.5°	544.8	486.8	446.0	427.1	422.4	422.4	422.4	422.4	420.8	419.3	414.5
50°	529.1	460.1	416.1	402.0	398.8	398.8	400.4	400.4	403.5	400.4	397.3
52.5°	511.9	435.0	391.0	378.4	376.8	375.3	375.3	375.3	376.8	376.8	375.3
55°	493.0	416.1	378.4	369.0	370.6	369.0	367.4	365.9	365.9	364.3	361.1
57.5°	474.2	400.4	369.0	362.7	364.3	364.3	361.1	358.0	356.5	351.7	348.6
60°	446.0	378.4	350.1	347.0	351.7	351.7	351.7	350.1	350.1	348.6	340.7
62.5°	408.3	347.0	325.0	326.6	328.2	331.4	331.4	331.4	331.4	328.2	320.3
63°	400.4	340.7	320.3	320.3	325.0	325.0	326.6	325.0	326.6	323.4	314.0
65°	369.0	320.3	304.7	306.2	309.3	309.3	309.3	307.7	307.7	303.1	298.3
67.5°	332.9	295.2	285.8	287.4	288.9	292.1	290.5	290.5	292.1	288.9	284.2
70°	292.1	268.5	262.2	263.8	265.4	265.4	263.8	263.8	265.4	262.2	257.5
72.5°	260.7	251.3	246.5	246.5	243.4	243.4	240.3	238.7	237.1	237.1	232.4
75°	219.8	218.2	219.8	223.0	219.8	216.7	215.2	210.4	207.3	207.3	205.7
77.5°	188.5	188.5	191.5	196.3	197.9	197.9	193.1	185.3	183.7	183.7	183.7
80°	163.3	160.2	160.2	164.8	169.6	168.0	160.2	152.3	152.3	160.2	161.8
82.5°	142.9	142.9	138.1	139.7	138.1	136.7	128.7	124.1	122.5	128.7	135.1
85°	113.0	114.6	113.0	111.4	110.0	105.2	98.9	94.2	92.7	98.9	108.4
87.5°	45.6	44.0	42.4	44.0	42.4	45.6	44.0	40.8	39.3	44.0	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





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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°	1659.7	1662.9	1666.0	1666.0	1669.1	1667.5	1669.1	1670.7	1670.7	1672.3	1672.3
5°	1669.1	1673.9	1680.1	1686.4	1688.0	1692.7	1697.4	1694.2	1699.0	1705.2	1705.2
7.5°	1672.3	1683.3	1688.0	1697.4	1699.0	1705.2	1716.3	1708.4	1717.9	1722.5	1724.1
10°	1667.5	1678.6	1686.4	1697.4	1702.1	1713.1	1724.1	1720.9	1731.9	1739.8	1741.4
12.5°	1639.4	1650.3	1667.5	1683.3	1695.8	1713.1	1733.5	1727.3	1743.0	1752.4	1757.1
15°	1584.4	1595.4	1614.1	1639.4	1662.9	1689.6	1716.3	1720.9	1736.7	1747.6	1752.4
17.5°	1498.0	1512.1	1532.6	1559.3	1589.0	1634.6	1669.1	1686.4	1708.4	1714.7	1722.5
20°	1417.9	1432.0	1444.6	1460.3	1482.3	1526.2	1571.8	1606.3	1634.6	1658.1	1664.5
22.5°	1311.2	1323.7	1339.4	1352.0	1367.6	1399.1	1436.8	1476.0	1520.0	1534.1	1549.8
25°	1182.4	1190.2	1212.2	1220.1	1231.1	1257.8	1287.5	1315.8	1358.2	1388.1	1395.9
27.5°	1044.2	1052.0	1072.5	1077.2	1091.3	1116.5	1138.4	1149.4	1188.7	1220.1	1245.2
30°	884.0	904.5	929.6	932.7	948.4	964.1	984.6	995.5	1031.6	1064.7	1096.0
32.5°	745.9	766.2	786.7	799.3	807.1	819.6	840.1	851.1	885.6	915.4	946.9
35°	604.6	629.7	651.6	668.9	675.2	690.9	706.6	717.6	753.7	780.4	802.4
37.5°	497.8	516.6	540.2	557.4	574.7	585.7	604.6	620.3	642.2	656.4	679.9
40°	446.0	455.4	467.9	482.0	496.2	508.7	522.9	535.4	549.6	568.4	584.1
42.5°	428.7	430.2	430.2	435.0	442.8	449.1	461.7	471.1	480.5	494.6	502.5
45°	416.1	414.5	411.4	408.3	409.9	412.9	420.8	427.1	438.0	444.4	446.0
47.5°	409.9	403.5	397.3	392.6	391.0	392.6	398.8	405.1	411.4	416.1	417.7
50°	389.4	384.7	375.3	369.0	365.9	369.0	376.8	380.0	386.2	391.0	392.6
52.5°	369.0	362.7	356.5	350.1	350.1	351.7	358.0	364.3	370.6	372.2	375.3
55°	356.5	347.0	340.7	336.0	332.9	337.6	342.3	350.1	358.0	359.5	362.7
57.5°	343.9	334.4	328.2	323.4	320.3	325.0	329.8	340.7	350.1	350.1	350.1
60°	336.0	328.2	318.8	314.0	309.3	314.0	320.3	331.4	340.7	339.2	337.6
62.5°	314.0	306.2	301.5	301.5	296.7	304.7	310.9	323.4	325.0	321.9	318.8
63°	307.7	301.5	298.3	298.3	295.2	303.1	309.3	320.3	320.3	317.2	314.0
65°	292.1	287.4	284.2	287.4	287.4	295.2	296.7	304.7	303.1	298.3	296.7
67.5°	279.5	276.4	273.2	273.2	273.2	274.8	276.4	279.5	278.0	276.4	278.0
70°	259.1	257.5	254.4	254.4	252.8	252.8	252.8	254.4	254.4	255.9	257.5
72.5°	234.0	230.8	230.8	232.4	229.2	230.8	232.4	230.8	234.0	234.0	235.5
75°	205.7	204.1	207.3	210.4	208.8	208.8	210.4	210.4	212.0	212.0	213.6
77.5°	183.7	185.3	186.9	190.0	191.5	191.5	191.5	190.0	191.5	191.5	193.1
80°	163.3	166.4	169.6	172.7	174.3	174.3	174.3	172.7	172.7	172.7	172.7
82.5°	147.6	152.3	155.4	157.0	157.0	157.0	157.0	157.0	157.0	153.9	150.7
85°	124.1	133.5	133.5	135.1	130.3	127.2	124.1	125.6	127.2	120.9	119.3
87.5°	62.8	62.8	66.0	69.1	70.7	70.7	80.1	75.3	73.8	72.2	69.1
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: P181106

CATALOG NUMBER: ICM-E06-LED-E1-SLR-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°	1673.9	1672.3	1675.5	1672.3	1673.9	1675.5	1672.3	1677.0	1680.1	1675.5	1670.7
5°	1708.4	1708.4	1716.3	1719.4	1720.9	1730.4	1725.7	1728.8	1731.9	1730.4	1731.9
7.5°	1730.4	1736.7	1744.5	1752.4	1754.0	1761.8	1760.2	1764.9	1768.1	1775.9	1775.9
10°	1749.2	1757.1	1768.1	1775.9	1783.7	1790.1	1793.2	1802.6	1804.2	1810.4	1810.4
12.5°	1766.5	1775.9	1786.9	1799.5	1807.4	1819.9	1821.5	1835.6	1840.3	1841.9	1837.1
15°	1763.4	1774.3	1786.9	1801.0	1815.2	1830.9	1840.3	1854.4	1862.2	1865.4	1857.6
17.5°	1733.5	1743.0	1758.6	1777.5	1794.8	1815.2	1832.5	1852.8	1865.4	1868.6	1867.0
20°	1675.5	1681.7	1702.1	1727.3	1747.6	1779.1	1804.2	1835.6	1856.0	1871.7	1876.4
22.5°	1560.8	1576.5	1596.9	1625.2	1655.0	1694.2	1730.4	1775.9	1819.9	1857.6	1895.3
25°	1422.6	1450.9	1482.3	1520.0	1556.1	1596.9	1637.8	1689.6	1754.0	1832.5	1922.0
27.5°	1282.9	1331.5	1370.8	1419.5	1461.9	1502.7	1548.3	1604.8	1675.5	1769.7	1884.3
30°	1141.6	1196.5	1238.9	1295.4	1352.0	1406.9	1452.5	1512.1	1581.2	1677.0	1802.6
32.5°	990.8	1045.8	1096.0	1147.8	1210.6	1276.6	1331.5	1405.3	1479.2	1578.1	1705.2
35°	835.4	884.0	926.4	981.4	1050.5	1121.1	1193.4	1278.1	1358.2	1461.9	1596.9
37.5°	700.3	734.9	775.7	824.4	877.8	953.1	1034.8	1135.3	1226.3	1339.4	1477.6
40°	588.8	607.6	631.3	672.1	720.7	794.5	874.6	981.4	1091.3	1215.4	1348.8
42.5°	502.5	511.9	518.1	544.8	584.1	656.4	733.3	836.9	957.9	1092.8	1227.9
45°	446.0	450.7	452.2	466.3	494.6	557.4	637.5	725.4	841.7	973.5	1114.9
47.5°	419.3	424.0	427.1	430.2	447.5	496.2	568.4	651.6	758.4	879.4	1023.8
50°	397.3	402.0	406.7	405.1	412.9	444.4	505.6	582.5	683.1	794.5	937.4
52.5°	375.3	378.4	378.4	378.4	383.2	403.5	447.5	518.1	610.8	716.0	857.3
55°	362.7	365.9	367.4	369.0	370.6	381.6	414.5	471.1	551.2	648.5	775.7
57.5°	350.1	351.7	354.9	356.5	359.5	365.9	386.2	427.1	494.6	576.3	683.1
60°	339.2	342.3	348.6	350.1	353.3	354.9	364.3	389.4	433.4	496.2	582.5
62.5°	321.9	326.6	332.9	334.4	337.6	339.2	340.7	354.9	375.3	412.9	477.3
63°	317.2	321.9	329.8	331.4	332.9	332.9	334.4	343.9	362.7	395.7	442.8
65°	299.9	306.2	310.9	312.5	314.0	314.0	312.5	315.6	317.2	331.4	359.5
67.5°	281.0	285.8	288.9	290.5	288.9	290.5	288.9	285.8	282.6	285.8	298.3
70°	262.2	265.4	265.4	267.0	268.5	270.0	267.0	263.8	260.7	259.1	267.0
72.5°	240.3	243.4	243.4	244.9	244.9	248.1	248.1	246.5	246.5	248.1	249.7
75°	218.2	221.4	219.8	223.0	223.0	227.7	227.7	229.2	232.4	230.8	229.2
77.5°	197.9	199.4	199.4	201.0	202.5	210.4	215.2	216.7	216.7	213.6	210.4
80°	175.9	175.9	172.7	171.2	172.7	180.6	190.0	191.5	196.3	194.7	196.3
82.5°	147.6	141.3	136.7	136.7	139.7	144.5	147.6	150.7	153.9	153.9	157.0
85°	113.0	106.8	102.0	103.6	108.4	110.0	108.4	108.4	114.6	119.3	114.6
87.5°	67.5	61.2	58.1	53.4	55.0	59.6	58.1	53.4	55.0	44.0	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: P181106

CATALOG NUMBER: ICM-E06-LED-E1-SLR-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°	1673.9	1672.3	1669.1	1664.5	1662.9	1659.7	1661.3	1656.6	1653.4	1650.3	1645.6
5°	1731.9	1731.9	1722.5	1722.5	1717.9	1716.3	1705.2	1700.6	1691.2	1694.2	1683.3
7.5°	1772.8	1777.5	1766.5	1764.9	1758.6	1757.1	1743.0	1738.2	1730.4	1727.3	1717.9
10°	1802.6	1802.6	1788.5	1777.5	1769.7	1761.8	1747.6	1741.4	1735.1	1736.7	1730.4
12.5°	1826.2	1815.2	1794.8	1779.1	1768.1	1760.2	1749.2	1744.5	1743.0	1754.0	1755.5
15°	1845.0	1829.3	1804.2	1793.2	1783.7	1782.2	1782.2	1786.9	1797.9	1818.3	1834.1
17.5°	1856.0	1846.6	1834.1	1830.9	1846.6	1856.0	1868.6	1882.7	1898.4	1926.7	1943.9
20°	1876.4	1882.7	1892.1	1904.7	1929.8	1953.3	1969.0	1989.5	2008.3	2042.9	2071.1
22.5°	1929.8	1966.0	1995.7	2020.8	2058.5	2091.5	2111.9	2140.2	2154.3	2177.9	2221.9
25°	1998.9	2072.7	2135.5	2188.9	2247.0	2281.5	2309.8	2345.9	2367.9	2407.2	2446.4
27.5°	1978.5	2083.7	2177.9	2276.9	2356.9	2446.4	2509.2	2568.9	2606.5	2664.7	2716.5
30°	1915.6	2041.3	2168.5	2298.8	2426.0	2554.7	2674.1	2782.4	2865.7	2948.9	3033.7
32.5°	1830.9	1975.4	2130.8	2291.0	2457.4	2636.4	2801.3	2964.6	3102.8	3223.6	3341.4
35°	1733.5	1896.8	2058.5	2256.4	2462.2	2689.8	2919.1	3145.1	3355.6	3569.1	3713.6
37.5°	1617.3	1783.7	1964.4	2192.0	2433.9	2714.9	3007.0	3302.2	3600.5	3887.8	4137.5
40°	1493.3	1662.9	1852.8	2099.4	2372.6	2699.2	3063.6	3460.8	3870.6	4286.7	4618.1
42.5°	1383.4	1557.7	1764.9	2014.6	2311.4	2678.8	3109.0	3597.4	4098.3	4613.3	5100.1
45°	1276.6	1468.2	1686.4	1954.9	2284.7	2694.5	3176.6	3724.6	4302.4	4927.4	5520.9
47.5°	1180.8	1375.5	1587.5	1881.1	2245.4	2702.3	3242.5	3851.7	4495.6	5172.3	5877.3
50°	1094.4	1282.9	1491.7	1786.9	2184.2	2697.7	3302.2	3966.3	4662.0	5365.4	6152.1
52.5°	1009.7	1201.2	1414.8	1695.8	2108.9	2671.0	3330.4	4060.6	4815.8	5560.1	6373.5
55°	926.4	1114.9	1330.0	1609.5	2009.9	2601.9	3327.3	4121.9	4938.4	5743.8	6587.1
57.5°	829.1	1008.1	1218.5	1513.7	1904.7	2495.1	3280.2	4150.1	5043.6	5926.0	6843.0
60°	708.2	876.2	1078.7	1374.0	1766.5	2358.4	3181.3	4134.4	5104.8	6061.1	7061.3
62.5°	559.0	705.0	890.3	1179.3	1593.8	2162.2	2996.0	3991.5	5007.5	6042.3	7163.4
63°	527.6	665.8	846.3	1132.1	1520.0	2108.9	2941.0	3935.0	4960.3	6003.0	7149.3
65°	424.0	513.5	658.0	913.9	1271.9	1846.6	2667.8	3644.5	4707.6	5726.6	6945.1
67.5°	325.0	370.6	447.5	626.5	899.7	1452.5	2160.7	3088.7	4085.7	5043.6	6287.2
70°	278.0	298.3	331.4	416.1	571.5	917.0	1516.8	2303.5	3167.2	3997.8	5115.8
72.5°	252.8	262.2	279.5	315.6	392.6	549.6	967.3	1499.5	2154.3	2850.0	3713.6
75°	232.4	240.3	254.4	273.2	301.5	365.9	551.2	917.0	1400.7	1871.7	2506.1
77.5°	212.0	216.7	232.4	249.7	268.5	301.5	364.3	527.6	805.5	1103.9	1510.5
80°	194.7	191.5	202.5	230.8	249.7	268.5	287.4	342.3	458.5	604.6	816.6
82.5°	155.4	158.6	168.0	196.3	204.1	199.4	202.5	212.0	255.9	279.5	417.7
85°	105.2	97.4	95.8	98.9	98.9	94.2	94.2	92.7	102.0	116.2	199.4
87.5°	28.3	14.1	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

REPORT NUMBER: P181106  
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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°	1642.4	1640.8	1642.4	1634.6	1634.6	1633.0	1631.5	1628.3	1628.3	1622.1	1626.7	2.5°
5°	1673.9	1670.7	1664.5	1655.0	1650.3	1644.0	1644.0	1637.8	1633.0	1626.7	1628.3	5°
7.5°	1710.0	1711.5	1700.6	1692.7	1689.6	1683.3	1684.8	1675.5	1677.0	1672.3	1669.1	7.5°
10°	1730.4	1730.4	1733.5	1731.9	1735.1	1735.1	1739.8	1733.5	1730.4	1725.7	1725.7	10°
12.5°	1763.4	1769.7	1782.2	1782.2	1791.6	1794.8	1796.4	1799.5	1793.2	1790.1	1779.1	12.5°
15°	1845.0	1860.8	1871.7	1887.5	1906.2	1912.6	1912.6	1906.2	1903.1	1898.4	1878.0	15°
17.5°	1980.0	2014.6	2024.0	2049.1	2052.3	2060.1	2082.2	2069.6	2061.7	2028.8	2022.4	17.5°
20°	2118.2	2162.2	2206.2	2237.6	2253.3	2284.7	2289.4	2283.1	2251.7	2220.3	2206.2	20°
22.5°	2284.7	2350.6	2400.9	2449.6	2473.1	2488.9	2523.4	2515.5	2490.3	2443.3	2424.4	22.5°
25°	2520.2	2601.9	2655.3	2714.9	2746.3	2762.1	2796.6	2796.6	2769.9	2755.7	2754.2	25°
27.5°	2816.9	2917.5	3005.4	3025.8	3107.5	3126.3	3159.3	3159.3	3134.2	3116.9	3200.1	27.5°
30°	3146.7	3251.9	3404.2	3506.3	3605.2	3702.6	3701.0	3707.3	3737.1	3752.9	3789.0	30°
32.5°	3476.5	3606.8	3768.6	3990.0	4201.9	4382.5	4616.5	4765.6	4720.1	4592.9	4542.6	32.5°
35°	3876.9	4021.3	4217.6	4440.6	4828.4	5062.4	5175.5	5255.6	5265.0	5282.3	5318.4	35°
37.5°	4322.8	4564.7	4792.3	5045.1	5260.2	5544.5	5806.7	6017.1	6065.8	6164.7	6108.1	37.5°
40°	4886.5	5156.6	5395.3	5721.9	6010.8	6353.2	6728.4	7017.3	7133.5	7095.9	6813.3	40°
42.5°	5477.0	5811.4	6090.9	6475.6	6850.9	7303.1	7690.9	8094.5	8166.7	7876.2	7453.8	42.5°
45°	6020.2	6434.7	6781.8	7182.2	7640.7	8182.5	8700.6	9115.1	9101.0	8603.3	8038.0	45°
47.5°	6508.6	7017.3	7441.3	7962.7	8455.7	9101.0	9696.2	10002.3	9821.7	9232.9	8540.4	47.5°
50°	6912.1	7546.5	8069.4	8597.0	9223.5	10000.8	10573.9	10746.6	10398.0	9757.4	9028.8	50°
52.5°	7237.2	8033.3	8620.5	9228.2	10019.6	10837.7	11330.8	11266.4	10815.7	10157.8	9432.3	52.5°
55°	7512.0	8405.4	9105.7	9823.3	10804.7	11558.4	11886.6	11713.8	11084.3	10416.9	9708.7	55°
57.5°	7796.1	8766.6	9551.7	10383.9	11476.8	12123.7	12305.8	11951.0	11211.4	10515.8	9828.1	57.5°
60°	8080.4	9068.1	9945.8	10873.8	11985.6	12585.4	12535.1	12004.4	11173.7	10443.6	9748.0	60°
62.5°	8272.0	9247.0	10175.0	11175.3	12367.1	12820.9	12513.1	11814.4	10955.4	10159.3	9509.3	62.5°
63°	8276.7	9253.4	10189.2	11195.7	12409.5	12828.7	12470.8	11746.9	10886.4	10101.3	9438.7	63°
65°	8177.7	9135.6	10063.6	11103.0	12373.4	12648.2	12104.9	11348.0	10492.3	9699.3	9071.2	65°
67.5°	7672.1	8648.8	9468.4	10448.2	11726.4	11804.9	11125.1	10514.2	9744.8	8923.6	8267.2	67.5°
70°	6653.1	7464.9	8268.8	9086.9	10159.3	10145.3	9506.1	9195.2	8521.6	7585.7	7059.8	70°
72.5°	5291.7	6020.2	6585.5	7133.5	7840.1	7697.3	7285.8	7372.2	6935.7	6237.0	5924.5	72.5°
75°	3928.7	4729.5	5005.9	5228.9	5527.2	5528.8	5641.8	5886.7	5880.5	5492.7	5098.5	75°
77.5°	2576.8	3453.0	3545.6	3724.6	4082.6	4569.3	5071.8	5611.9	5747.0	5440.9	4858.3	77.5°
80°	1436.8	2347.5	2240.8	2394.6	2780.9	3442.0	4183.1	4779.8	5131.5	4960.3	4343.3	80°
82.5°	734.9	1353.5	1293.9	1507.5	1819.9	2394.6	2884.5	3343.0	3757.5	3734.0	3500.0	82.5°
85°	381.6	741.1	843.2	954.7	1111.7	1317.4	1502.7	1636.2	1808.9	2113.5	2217.1	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.6	0.0	113.0	81.7	224.6	320.3	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°



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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
1628.3	1629.9	1626.7	1626.7	1628.3	1628.3	1625.2
1625.2	1625.2	1622.1	1618.9	1615.7	1615.7	1612.7
1661.3	1661.3	1650.3	1645.6	1637.8	1631.5	1628.3
1714.7	1705.2	1692.7	1683.3	1670.7	1656.6	1648.8
1768.1	1754.0	1738.2	1724.1	1708.4	1692.7	1684.8
1856.0	1837.1	1816.8	1799.5	1777.5	1754.0	1744.5
1991.1	1961.2	1934.5	1909.4	1870.2	1852.8	1834.1
2170.1	2126.1	2091.5	2049.1	2000.5	1984.8	1961.2
2386.7	2349.0	2279.9	2248.6	2199.9	2176.3	2181.0
2716.5	2667.8	2587.7	2557.9	2553.2	2501.4	2476.2
3146.7	3149.9	3076.1	2996.0	2952.0	2870.3	2766.7
3759.1	3716.8	3630.3	3548.7	3445.0	3291.2	3118.4
4500.3	4406.1	4263.2	4110.8	3927.1	3690.1	3448.2
5224.1	5059.3	4831.6	4577.2	4311.8	4016.7	3674.3
5860.0	5604.1	5263.4	4971.4	4596.0	4227.0	3809.3
6441.1	6123.9	5684.2	5305.8	4863.0	4388.8	3894.2
7003.2	6601.2	6062.6	5550.7	5049.8	4497.1	3935.0
7538.7	7020.5	6381.4	5772.1	5186.5	4567.7	3941.2
7950.1	7384.8	6667.2	5932.3	5280.7	4621.1	3941.2
8331.6	7692.5	6885.4	6057.9	5368.6	4657.3	3944.4
8628.4	7909.3	7026.7	6147.4	5437.7	4683.9	3958.5
8843.5	8050.6	7121.0	6202.4	5487.9	4721.7	3990.0
8994.3	8143.2	7172.8	6251.1	5549.2	4787.7	4077.9
9066.5	8314.4	7259.1	6348.4	5654.4	4927.4	4253.7
9011.5	8579.7	7505.7	6513.2	5800.4	5145.6	4534.8
8988.0	8628.4	7573.2	6549.4	5833.4	5192.8	4632.1
8804.2	8677.1	7851.1	6731.6	5990.5	5401.6	4903.8
8234.3	8485.5	8085.1	7039.3	6328.0	5908.8	5411.0
7496.2	8201.3	8042.7	7078.6	6543.1	6324.9	5731.3
6612.2	7342.4	7194.7	6555.7	6306.0	6329.6	5648.1
5203.8	5751.8	5654.4	5429.8	5480.1	5652.8	4837.9
4169.0	4095.2	3870.6	3886.3	4176.8	4379.4	3482.7
3405.8	2757.3	2465.2	2473.1	2980.3	3190.7	2218.7
3241.0	2608.1	2124.5	1856.0	2168.5	2088.4	1158.8
2308.2	2312.9	1918.8	1559.3	1510.5	1284.5	722.3
546.4	438.0	312.5	232.4	244.9	161.8	81.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

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