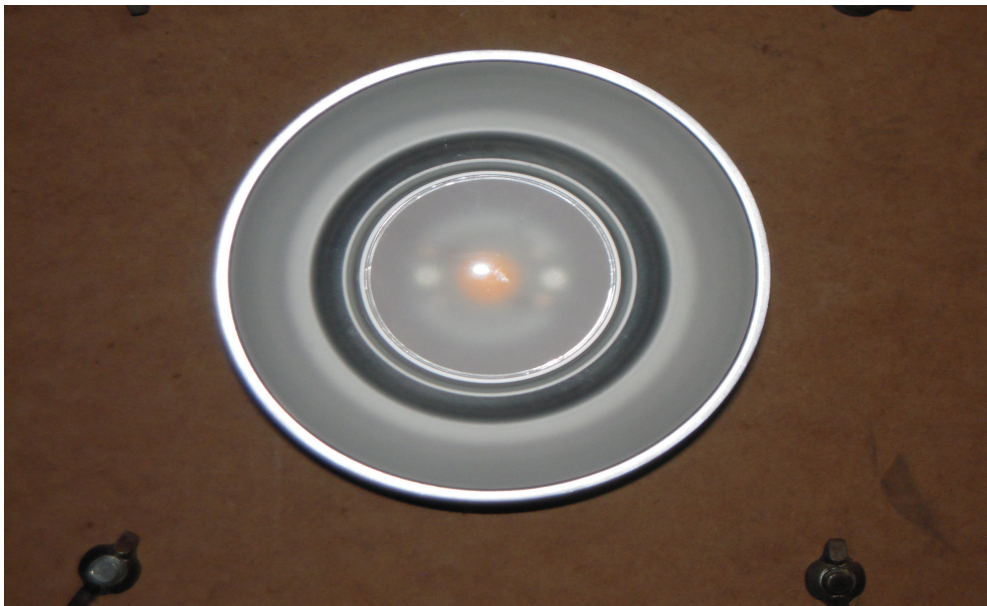


## Test Report of Luminaire

**Report No.:**

Luminaire Type	8122H-45-30		
Lamp Type	LED_CXA2530(T4)		
Client		EUT NO.	CCT: 3035K, CRI: 83.1Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.377
Power:	45.1	Power Factor	0.996
Frequency:	60Hz	Tc	3000K
<b>Photometric Parameters</b>			
Luminaire Flux	3226.74 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	2138.277cd	Central Intensity	1942.602cd
Angle of Max Intensity:	C:170 G:25		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-322673.9%		
50%Imax Beam Width	C0_180[ 38.6 , -37.6] C90_270[ 38.3 , -37.7]		
Remark			

**Luminaire Figure**


## RP Lighting + Fans

### Photometric Data Table [Unit:cd] 8122H-45-30

C\G	0	5	10	15	20	25	30	35	40	45
0	1942.6	1933.0	1923.0	1939.7	2004.1	2060.5	2011.4	1488.4	910.6	588.1
5	1942.6	1932.3	1922.3	1939.7	2003.4	2058.8	2010.1	1490.4	912.9	589.8
10	1942.6	1932.0	1922.0	1938.3	2002.4	2057.8	2009.8	1492.1	915.3	591.1
15	1942.6	1932.3	1921.6	1939.3	2002.4	2057.5	2008.1	1492.4	917.3	593.1
20	1942.6	1931.3	1920.0	1939.0	2001.4	2058.5	2007.8	1490.7	918.6	594.2
25	1942.6	1931.0	1918.3	1938.7	2001.4	2058.5	2007.1	1489.1	919.6	594.8
30	1942.6	1929.7	1917.6	1938.0	2000.8	2059.8	2006.4	1487.4	920.3	594.8
35	1942.6	1928.7	1917.0	1938.7	2000.1	2059.8	2005.4	1485.0	919.6	595.2
40	1942.6	1928.3	1916.3	1938.3	2000.1	2060.5	2005.4	1482.4	918.9	594.2
45	1942.6	1927.3	1915.6	1937.7	2001.4	2061.8	2007.1	1480.7	919.3	593.8
50	1942.6	1926.7	1915.3	1937.3	2002.1	2064.5	2009.1	1479.4	918.6	592.8
55	1942.6	1925.7	1914.0	1936.7	2003.1	2067.5	2012.4	1477.0	917.3	591.1
60	1942.6	1924.3	1913.6	1936.7	2003.1	2069.2	2015.1	1473.4	914.6	588.8
65	1942.6	1925.0	1912.6	1937.7	2004.1	2072.2	2017.1	1469.0	910.6	586.1
70	1942.6	1924.6	1912.0	1936.3	2005.1	2074.9	2019.1	1464.3	905.9	582.1
75	1942.6	1923.0	1912.0	1936.3	2007.1	2077.5	2021.1	1458.0	900.2	578.1
80	1942.6	1923.0	1911.3	1937.0	2008.8	2080.9	2021.4	1452.3	894.6	573.8
85	1942.6	1922.3	1910.6	1937.7	2011.8	2084.9	2024.8	1446.3	888.6	570.1
90	1942.6	1922.3	1909.3	1938.0	2014.1	2089.9	2027.8	1441.3	883.2	565.4
95	1942.6	1920.3	1909.3	1938.7	2019.8	2094.2	2031.1	1435.0	877.2	560.4
100	1942.6	1919.6	1909.3	1940.3	2023.1	2099.6	2034.5	1428.0	870.9	555.8
105	1942.6	1919.6	1910.0	1942.3	2026.1	2104.6	2036.1	1419.6	863.9	550.4
110	1942.6	1920.0	1909.3	1943.3	2029.5	2108.2	2036.8	1409.9	855.8	544.1
115	1942.6	1920.0	1909.6	1945.0	2034.1	2111.9	2037.5	1399.3	847.5	536.7
120	1942.6	1918.6	1910.0	1948.7	2037.8	2115.9	2036.5	1387.6	838.5	529.4
125	1942.6	1918.0	1909.6	1948.7	2043.1	2120.6	2036.1	1376.6	829.8	521.7
130	1942.6	1918.3	1910.0	1950.0	2046.8	2126.3	2036.5	1367.2	822.5	514.7
135	1942.6	1918.3	1909.6	1952.0	2051.5	2130.3	2037.5	1358.9	816.8	508.7
140	1942.6	1917.0	1909.6	1951.4	2054.2	2134.6	2038.5	1352.2	812.8	504.0
145	1942.6	1917.0	1910.0	1952.4	2056.2	2137.3	2041.1	1347.5	810.8	500.0
150	1942.6	1916.3	1909.3	1951.7	2055.5	2137.6	2040.8	1345.2	810.1	498.0
155	1942.6	1916.0	1907.6	1951.7	2053.8	2137.6	2040.8	1343.5	811.1	496.4
160	1942.6	1916.3	1907.0	1951.4	2052.8	2137.6	2039.8	1342.2	812.5	495.3
165	1942.6	1915.6	1906.0	1950.4	2053.2	2137.9	2038.1	1341.5	813.8	494.7
170	1942.6	1915.6	1904.6	1948.0	2053.5	2138.3	2037.5	1341.2	815.8	494.3
175	1942.6	1915.0	1904.3	1946.3	2051.8	2137.6	2036.1	1342.2	817.8	494.7
180	1942.6	1915.0	1903.0	1944.7	2050.5	2133.9	2033.8	1342.8	821.5	495.7
185	1942.6	1914.0	1903.0	1943.0	2045.8	2129.3	2031.1	1343.5	824.5	497.4
190	1942.6	1914.6	1901.6	1941.3	2042.1	2124.6	2026.8	1343.9	827.8	499.0
195	1942.6	1914.6	1900.6	1939.3	2038.5	2120.3	2022.1	1343.2	830.5	501.4
200	1942.6	1915.0	1900.6	1938.0	2035.8	2117.2	2018.4	1341.2	833.5	504.0
205	1942.6	1915.0	1900.3	1936.7	2033.1	2115.6	2017.1	1342.2	836.5	506.4
210	1942.6	1915.0	1899.6	1935.3	2031.8	2114.2	2018.1	1345.2	839.8	508.7
215	1942.6	1916.0	1900.6	1935.3	2029.8	2111.2	2017.1	1347.2	842.2	510.7
220	1942.6	1916.3	1901.3	1934.0	2029.1	2109.9	2015.4	1347.9	844.2	512.4
225	1942.6	1916.0	1901.6	1935.0	2028.8	2108.2	2013.8	1347.9	844.2	513.4
230	1942.6	1916.6	1901.6	1935.0	2027.5	2107.2	2013.8	1348.2	844.2	514.4
235	1942.6	1918.0	1903.3	1935.0	2025.5	2106.2	2013.8	1349.9	843.2	515.0

## RP Lighting + Fans

### Photometric Data Table [Unit:cd] 8122H-45-30

240	1942.6	1918.0	1904.3	1936.0	2026.5	2105.2	2014.8	1351.2	841.5	516.0
245	1942.6	1917.6	1904.6	1936.3	2026.8	2104.2	2012.8	1351.5	840.2	517.0
250	1942.6	1920.0	1906.3	1936.3	2025.5	2101.6	2010.1	1351.5	838.5	518.4
255	1942.6	1921.0	1907.3	1938.0	2026.1	2100.2	2008.8	1351.5	835.8	519.4
260	1942.6	1920.6	1909.3	1939.0	2025.8	2097.6	2004.8	1352.2	833.5	521.4
265	1942.6	1921.6	1910.3	1939.7	2025.5	2094.9	2001.1	1352.9	831.5	523.4
270	1942.6	1922.3	1911.3	1940.7	2024.8	2091.5	1997.1	1354.2	830.8	525.7
275	1942.6	1923.0	1912.6	1940.7	2023.5	2087.9	1994.1	1357.9	830.8	528.7
280	1942.6	1924.3	1914.0	1941.3	2022.1	2083.9	1991.1	1361.9	831.8	532.1
285	1942.6	1925.0	1914.3	1941.3	2020.1	2079.9	1989.7	1368.2	833.5	535.4
290	1942.6	1925.7	1915.3	1942.0	2019.1	2077.2	1988.7	1375.9	835.5	538.4
295	1942.6	1925.7	1916.0	1942.7	2017.1	2073.5	1989.1	1384.9	837.5	541.1
300	1942.6	1926.0	1917.3	1942.0	2016.8	2073.2	1992.7	1396.6	841.2	543.7
305	1942.6	1927.0	1919.0	1942.3	2016.1	2072.9	1999.1	1409.9	846.2	546.8
310	1942.6	1926.7	1919.0	1943.3	2016.1	2074.9	2007.1	1426.6	853.5	550.4
315	1942.6	1928.3	1920.3	1943.7	2016.1	2076.2	2015.4	1442.7	862.2	555.1
320	1942.6	1929.3	1920.6	1943.3	2014.8	2076.2	2021.4	1456.7	870.5	560.1
325	1942.6	1930.3	1921.3	1943.3	2013.8	2075.2	2024.1	1467.0	878.5	564.8
330	1942.6	1930.3	1922.3	1944.0	2011.4	2075.2	2025.1	1473.7	885.9	569.8
335	1942.6	1930.3	1922.3	1943.0	2010.8	2074.2	2025.1	1478.4	891.2	574.1
340	1942.6	1929.3	1921.6	1942.3	2009.1	2071.9	2023.5	1480.7	895.9	577.5
345	1942.6	1929.3	1922.0	1942.0	2007.8	2069.2	2019.8	1482.0	899.6	580.8
350	1942.6	1929.7	1921.3	1941.0	2006.1	2065.2	2016.4	1483.0	903.2	583.5
355	1942.6	1930.0	1921.0	1939.7	2005.1	2062.8	2014.1	1485.4	906.9	585.5
360	1942.6	1933.0	1923.0	1939.7	2004.1	2060.5	2011.4	1488.4	910.6	588.1

C\G	50	55	60	65	70	75	80	85	90
0	338.1	174.6	87.3	48.6	29.6	18.4	10.7	4.7	0.8
5	338.8	175.2	87.5	48.6	29.6	18.3	10.7	4.7	0.8
10	339.8	176.2	87.7	48.6	29.5	18.3	10.7	4.7	0.8
15	340.5	176.6	87.8	48.5	29.4	18.3	10.7	4.7	0.8
20	341.1	177.2	88.0	48.5	29.4	18.2	10.6	4.7	0.8
25	341.8	177.6	88.0	48.5	29.4	18.2	10.6	4.7	0.8
30	341.5	177.9	88.0	48.4	29.3	18.1	10.6	4.6	0.8
35	341.1	177.6	87.9	48.4	29.3	18.1	10.6	4.6	0.8
40	340.1	177.6	87.8	48.4	29.3	18.1	10.5	4.6	0.7
45	339.5	177.2	87.7	48.3	29.2	18.1	10.5	4.6	0.7
50	338.8	176.6	87.5	48.3	29.3	18.1	10.5	4.6	0.7
55	337.1	175.6	87.2	48.3	29.3	18.1	10.5	4.5	0.7
60	335.1	174.9	87.0	48.3	29.3	18.1	10.4	4.5	0.7
65	333.5	174.2	86.7	48.3	29.4	18.1	10.4	4.4	0.7
70	331.5	172.9	86.4	48.4	29.5	18.2	10.4	4.4	0.7
75	328.5	149.5	86.1	48.5	29.6	18.2	10.4	4.4	0.7
80	325.8	164.6	85.8	48.6	29.8	18.3	10.4	4.4	0.7
85	322.4	163.1	85.4	48.7	29.9	18.4	10.5	4.3	0.7
90	319.1	161.3	85.0	48.8	30.1	18.5	10.5	4.3	0.7
95	315.8	159.4	84.4	48.8	30.2	18.6	10.5	4.3	0.7
100	311.8	157.0	83.5	48.7	30.2	18.6	10.5	4.2	0.7

## RP Lighting + Fans

### Photometric Data Table [Unit:cd] 8122H-45-30

105	307.8	154.4	82.4	48.3	30.2	18.6	10.5	4.1	0.7
110	302.8	151.3	81.0	47.8	29.9	18.5	10.4	4.0	0.7
115	296.7	147.7	79.2	47.0	29.5	18.3	10.2	3.9	0.7
120	291.4	143.7	77.1	46.0	29.0	18.0	10.1	3.9	0.7
125	285.4	139.8	74.9	44.9	28.4	17.7	9.9	3.8	0.7
130	279.7	136.1	72.7	43.6	27.8	17.3	9.7	3.6	0.7
135	274.7	132.6	70.5	42.5	27.1	17.0	9.5	3.5	0.7
140	270.7	129.8	68.6	41.3	26.5	16.6	9.3	3.4	0.7
145	267.4	127.3	67.0	40.4	25.9	16.3	9.2	3.3	0.7
150	264.7	125.5	65.5	39.5	25.4	16.0	8.9	3.2	0.7
155	263.4	124.0	64.3	38.7	25.0	15.8	8.8	3.1	0.7
160	262.0	123.0	63.4	38.1	24.6	15.5	8.7	3.1	0.7
165	261.4	122.3	62.6	37.5	24.3	15.3	8.5	3.0	0.7
170	261.0	121.8	62.0	37.1	24.0	15.2	8.4	3.0	0.7
175	261.0	121.7	61.6	36.8	23.8	15.0	8.4	2.9	0.7
180	261.7	121.7	61.3	36.5	23.6	15.0	8.3	2.9	0.7
185	262.4	121.9	61.1	36.4	23.5	14.9	8.3	2.9	0.7
190	263.7	122.4	61.2	36.2	23.4	14.8	8.2	2.8	0.7
195	264.7	123.1	61.3	36.3	23.4	14.8	8.2	2.8	0.7
200	266.4	123.9	61.5	36.3	23.4	14.8	8.2	2.8	0.7
205	267.7	124.7	61.8	36.4	23.4	14.8	8.2	2.8	0.7
210	269.4	125.6	62.2	36.6	23.5	14.8	8.2	2.8	0.7
215	270.4	126.4	62.7	36.7	23.5	14.9	8.2	2.8	0.7
220	271.7	127.3	63.1	37.0	23.7	14.9	8.2	2.8	0.7
225	272.7	128.1	63.7	37.3	23.8	15.0	8.3	2.8	0.7
230	273.7	128.9	64.3	37.7	24.0	15.1	8.3	2.9	0.7
235	275.0	129.8	65.1	38.1	24.3	15.3	8.4	2.9	0.7
240	276.0	130.8	66.0	38.6	24.6	15.5	8.5	3.0	0.7
245	277.4	131.9	67.1	39.3	25.0	15.7	8.6	3.1	0.7
250	279.1	133.4	68.3	40.1	25.5	15.9	8.8	3.1	0.7
255	280.7	134.9	69.8	41.0	26.0	16.2	8.9	3.2	0.7
260	283.1	136.8	71.4	42.1	26.7	16.6	9.2	3.3	0.7
265	286.1	138.9	73.3	43.3	27.3	17.0	9.4	3.5	0.7
270	289.1	141.3	75.3	44.6	28.2	17.4	9.7	3.6	0.7
275	291.7	143.6	77.3	45.9	29.0	17.9	9.9	3.7	0.7
280	295.1	146.0	79.2	47.3	29.7	18.4	10.2	3.9	0.7
285	298.4	148.3	80.9	48.4	30.5	18.8	10.5	4.0	0.7
290	301.4	150.2	82.3	49.3	31.0	19.2	10.7	4.1	0.7
295	304.4	151.7	83.3	49.9	31.4	19.4	10.9	4.2	0.7
300	307.1	153.1	84.0	50.2	31.6	19.5	11.0	4.3	0.7
305	309.4	154.3	84.4	50.3	31.6	19.6	11.0	4.4	0.7
310	312.4	155.5	84.6	50.1	31.4	19.5	11.0	4.4	0.7
315	315.1	156.8	84.8	49.9	31.2	19.4	11.0	4.5	0.7
320	318.4	158.3	85.0	49.6	30.9	19.2	11.0	4.5	0.7
325	321.8	159.9	85.2	49.4	30.7	19.0	10.9	4.5	0.7
330	325.1	161.5	85.5	49.2	30.4	18.9	10.9	4.6	0.7
335	328.1	163.1	85.9	49.0	30.2	18.8	10.8	4.6	0.7
340	330.5	164.6	86.2	48.9	30.1	18.7	10.8	4.6	0.7
345	333.1	165.9	86.5	48.8	29.9	18.6	10.8	4.6	0.8

***RP Lighting + Fans***

**Photometric Data Table [Unit:cd] 8122H-45-30**

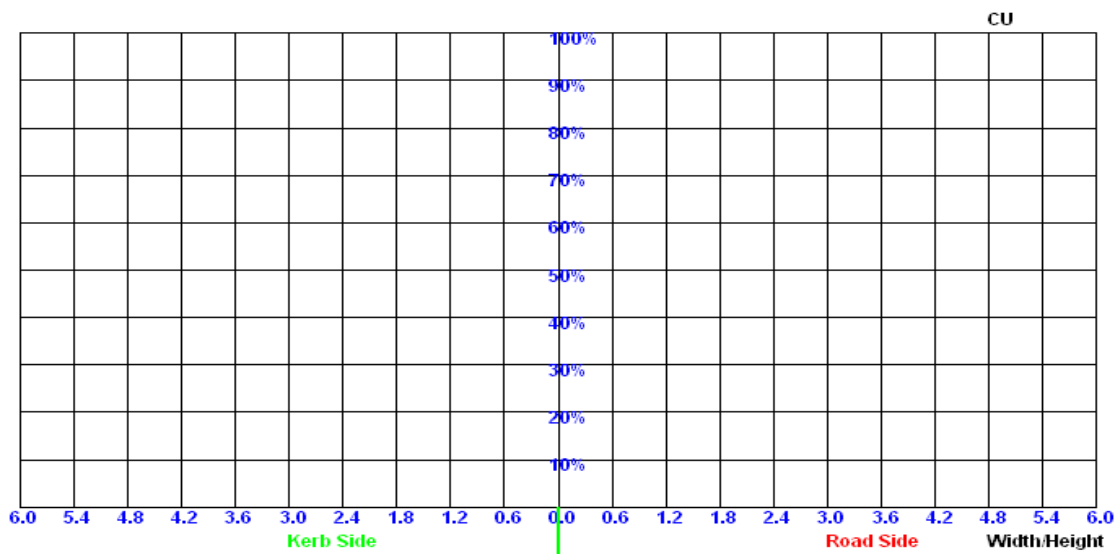
<b>350</b>	334.8	167.1	86.8	48.8	29.8	18.5	10.8	4.7	0.8
<b>355</b>	336.5	168.2	87.1	48.7	29.8	18.5	10.7	4.7	0.8
<b>360</b>	338.1	174.6	87.3	48.6	29.6	18.4	10.7	4.7	0.8

## ***RP Lighting + Fans***

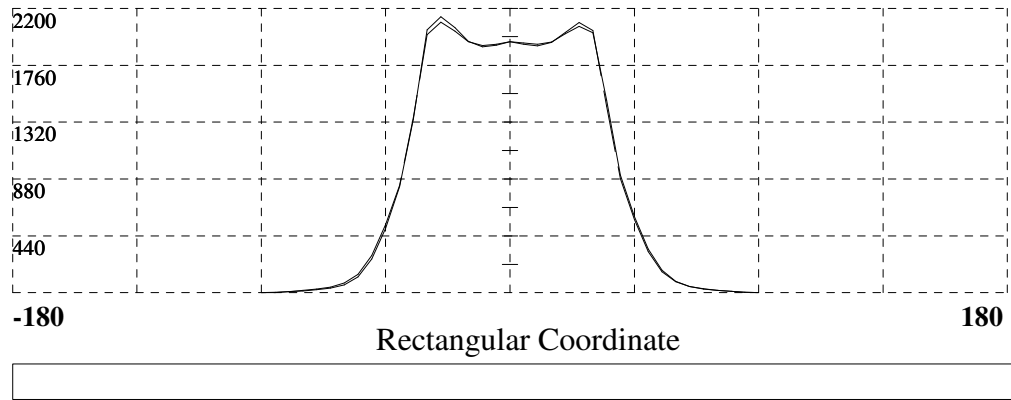
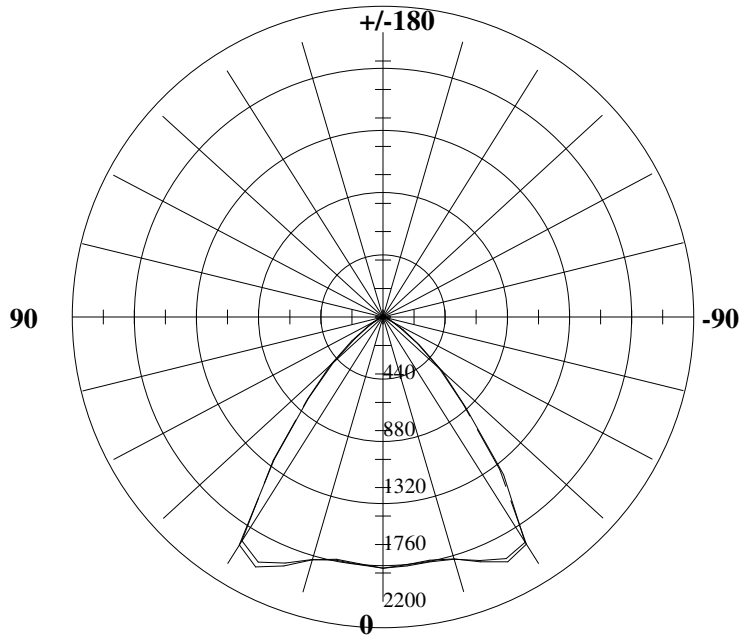
### **Zonal Flux 8122H-45-30**

<b>Gamma [°]</b>	<b>I<sub>mean</sub> [cd]</b>	<b>Zonal Flux [lm]</b>	<b>Sum.Flux [lm]</b>	<b>Zonal Flux [%]</b>	<b>Sum.Flux [%]</b>
<b>0</b>	1942.60	0.00	0.00	0.00	0.00
<b>5</b>	1922.52	46.21	46.21	-4620.65	-4620.65
<b>10</b>	1911.67	137.16	183.37	-13716.11	-18336.76
<b>15</b>	1941.25	228.55	411.92	-22855.26	-41192.03
<b>20</b>	2023.12	326.72	738.64	-32671.99	-73864.01
<b>25</b>	2093.72	431.78	1170.42	-43178.00	-117042.00
<b>30</b>	2018.19	520.36	1690.79	-52036.46	-169078.48
<b>35</b>	1407.17	504.41	2195.19	-50440.82	-219519.26
<b>40</b>	861.40	378.49	2573.69	-37849.42	-257368.73
<b>45</b>	543.67	260.16	2833.85	-26016.08	-283384.72
<b>50</b>	301.47	170.77	3004.62	-17077.40	-300462.16
<b>55</b>	148.85	97.92	3102.54	-9791.56	-310253.71
<b>60</b>	77.01	52.21	3154.75	-5220.79	-315474.51
<b>65</b>	44.61	29.57	3184.31	-2956.58	-318431.01
<b>70</b>	27.89	18.36	3202.67	-1835.80	-320266.82
<b>75</b>	17.35	11.82	3214.49	-1182.48	-321449.41
<b>80</b>	9.83	7.27	3221.77	-727.09	-322176.51
<b>85</b>	3.87	3.72	3225.49	-372.11	-322548.61
<b>90</b>	0.72	1.25	3226.74	-125.45	-322674.12

**RP Lighting + Fans**  
**Coefficient Utilization Curve 8122H-45-30**



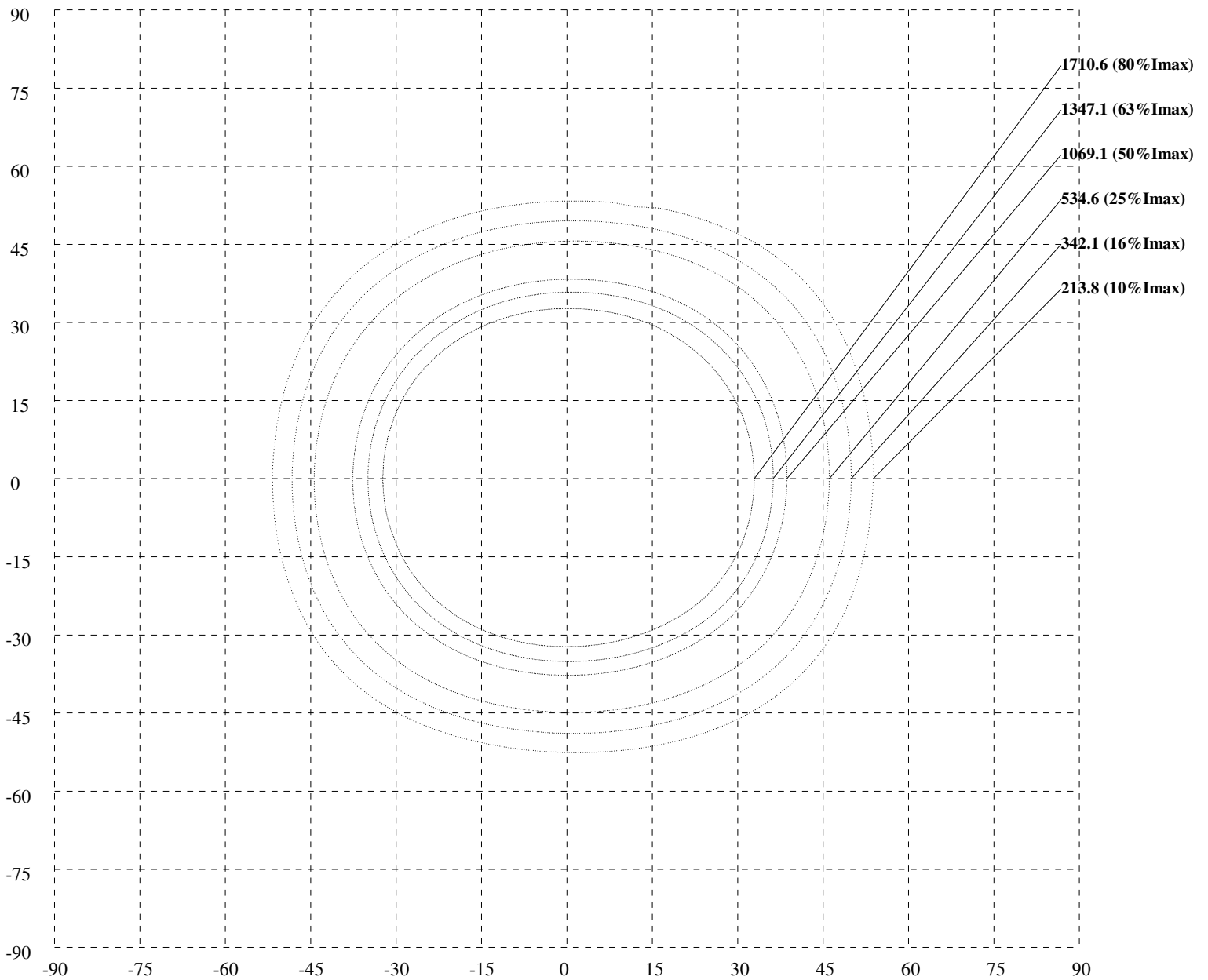
Light Distribution Curve[Unit: cd]





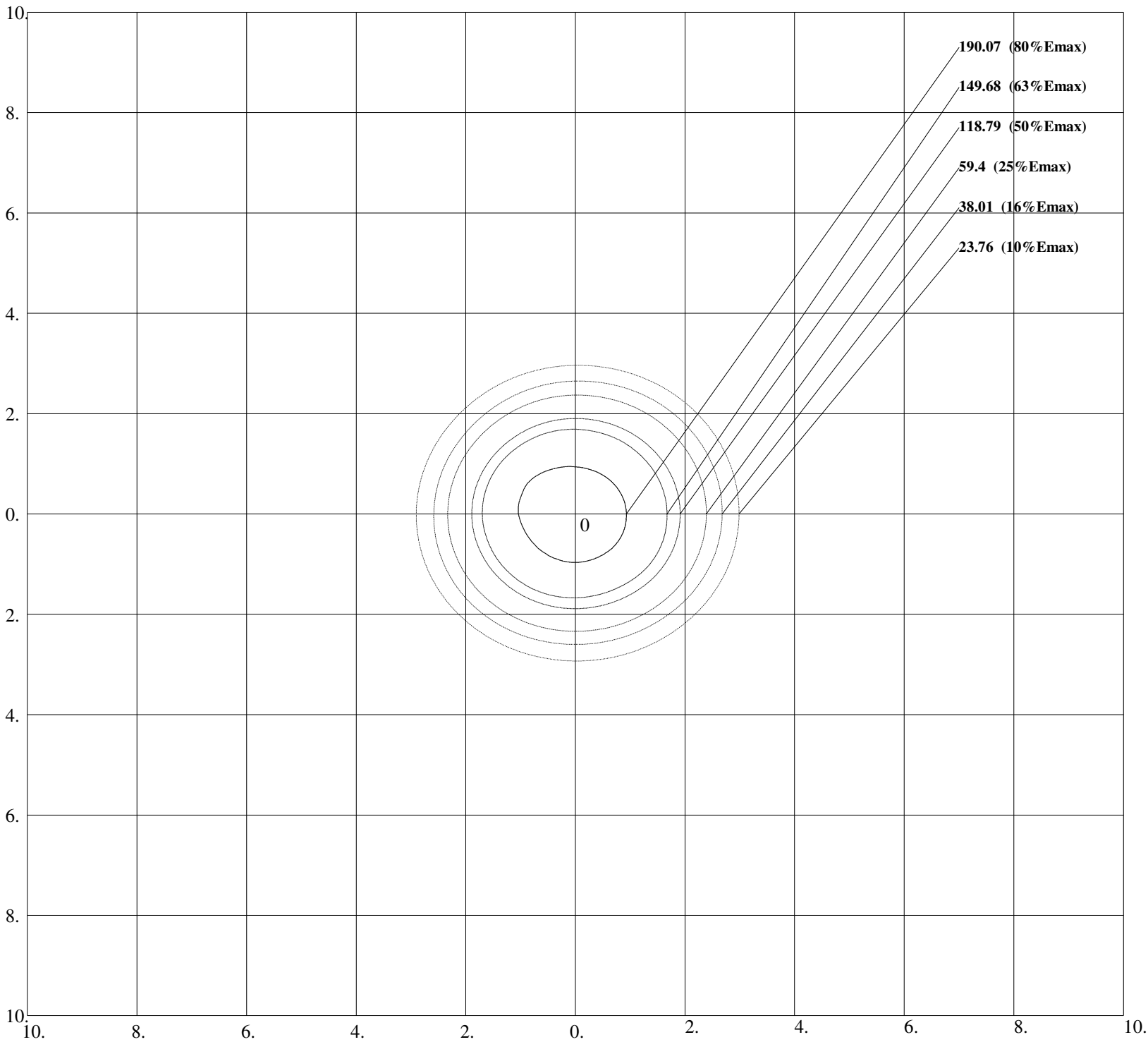
# RP Lighting + Fans

## ISO-Candela V-H [Unit :cd] 8122H-45-30



**RP Lighting + Fans**

**Iso-Lux [Unit :lx] 8122H-45-30**



Units: lx  
Height: 3 m  
Max Illuminance : 237.59lx

# RP Lighting + Fans

## Lux-Distance Curve

