

**Test Report of Luminaire**

**Report No.:**

Luminaire Type	RLH-6003-UDM-2649-30		
Lamp Type	LUMILEDS 34W		
Client		EUT NO.	

**Luminaire Parameters:**

Voltage	120.2	Current	0.261
Power:	31.1	Power Factor	0.99
Frequency:	60Hz	Tc	3000K

**Photometric Parameters**

Luminaire Flux	1505.75 lm	Luminaire Eff.	57.91%
Max Intensity	2122.255cd	Central Intensity	2075.326cd
Angle of Max Intensity:	C:215 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	57.91%		
50%Imax Beam Width	C0_180[ 24.9 ,-25.3] C90_270[ 24.9 ,-24.7]		
Remark			

**Luminaire Figure**



# JESCO LIGHTING

## Photometric Data Table [Unit:cd] RLH-6003-UDM-2649-30

C\G	0	5	10	15	20	25	30	35	40	45
0	2075.3	2069.2	2035.5	1825.2	1478.4	1052.8	625.9	344.5	169.9	66.5
5	2075.3	2065.5	2031.5	1823.2	1476.4	1043.8	625.9	348.1	171.9	67.0
10	2075.3	2063.8	2029.8	1822.2	1471.7	1046.1	628.2	354.8	173.6	68.2
15	2075.3	2063.5	2027.1	1823.2	1473.4	1051.8	637.2	360.2	175.6	69.2
20	2075.3	2065.8	2027.8	1828.2	1484.7	1052.1	645.9	363.8	177.6	69.6
25	2075.3	2067.5	2029.1	1830.5	1489.7	1063.8	654.2	362.5	176.9	69.6
30	2075.3	2071.5	2029.1	1833.2	1489.4	1060.8	652.9	363.5	177.2	69.4
35	2075.3	2074.5	2029.1	1833.2	1482.4	1049.4	646.2	364.2	178.6	69.0
40	2075.3	2077.5	2029.1	1833.2	1477.0	1045.8	642.9	361.8	178.6	68.4
45	2075.3	2079.2	2029.5	1832.2	1481.4	1042.8	642.2	361.2	178.6	68.0
50	2075.3	2077.9	2028.8	1834.2	1479.7	1053.1	649.6	360.2	177.2	68.1
55	2075.3	2074.9	2025.5	1837.2	1482.0	1060.8	656.2	364.8	179.6	68.7
60	2075.3	2070.2	2022.8	1838.2	1487.7	1056.8	664.6	374.5	184.9	69.3
65	2075.3	2064.5	2018.4	1840.5	1493.4	1063.8	669.3	379.5	187.6	69.9
70	2075.3	2059.2	2014.8	1843.9	1496.1	1068.5	673.9	380.2	188.3	70.0
75	2075.3	2054.8	2011.4	1845.9	1491.7	1073.1	668.3	378.2	184.9	69.9
80	2075.3	2049.8	2009.1	1845.9	1488.4	1070.5	660.6	379.2	184.6	69.4
85	2075.3	2047.8	2005.1	1846.2	1489.7	1060.8	660.6	382.2	187.6	68.6
90	2075.3	2046.5	2002.4	1847.2	1494.7	1054.8	657.2	385.9	190.6	68.1
95	2075.3	2045.8	2003.8	1850.2	1496.4	1061.1	662.2	384.9	190.6	68.4
100	2075.3	2048.2	2010.8	1853.9	1495.7	1077.8	667.6	384.2	187.3	69.2
105	2075.3	2051.8	2011.4	1854.9	1496.7	1087.8	675.6	383.9	187.9	70.0
110	2075.3	2056.2	2010.4	1856.2	1504.4	1091.2	684.9	387.5	191.3	70.1
115	2075.3	2062.2	2019.1	1859.9	1514.1	1088.5	681.6	391.9	194.6	70.0
120	2075.3	2068.8	2022.8	1860.6	1512.4	1087.8	678.3	388.2	192.3	69.4
125	2075.3	2077.5	2025.8	1862.2	1504.4	1089.2	669.6	382.2	186.6	68.9
130	2075.3	2085.5	2032.1	1862.9	1504.4	1084.2	664.6	376.9	184.3	67.9
135	2075.3	2089.9	2038.5	1862.9	1510.1	1076.1	666.6	378.2	185.9	67.2
140	2075.3	2091.9	2044.8	1864.2	1518.4	1075.8	665.6	380.9	188.9	67.4
145	2075.3	2089.9	2047.8	1865.2	1519.1	1085.2	671.3	380.2	187.9	68.0
150	2075.3	2087.5	2048.2	1865.6	1518.4	1105.5	676.3	374.8	183.9	68.5
155	2075.3	2083.5	2046.2	1863.9	1522.4	1113.2	680.9	374.2	182.3	68.4
160	2075.3	2079.9	2044.5	1861.6	1526.4	1095.8	675.6	377.2	184.3	67.8
165	2075.3	2076.5	2039.8	1857.9	1524.4	1084.5	660.2	378.9	183.9	66.9
170	2075.3	2074.9	2037.1	1850.9	1518.8	1077.5	651.2	372.2	179.9	65.7
175	2075.3	2075.5	2036.8	1848.5	1513.4	1082.8	645.6	361.5	174.2	64.3
180	2075.3	2077.2	2036.8	1845.9	1513.4	1087.5	642.2	357.5	171.2	63.6
185	2075.3	2083.5	2041.1	1848.9	1514.8	1077.8	646.2	360.5	173.6	63.8
190	2075.3	2089.5	2045.5	1851.5	1515.4	1081.2	648.9	365.5	174.9	64.4
195	2075.3	2097.6	2050.2	1857.2	1518.8	1085.2	655.2	367.2	175.2	64.5
200	2075.3	2104.6	2056.8	1858.9	1522.8	1086.5	663.9	365.2	174.6	64.2
205	2075.3	2112.2	2063.2	1860.9	1522.1	1094.5	661.9	362.2	171.9	63.3
210	2075.3	2117.9	2070.5	1861.6	1515.4	1078.5	656.9	360.2	170.6	62.3
215	2075.3	2122.3	2075.5	1861.6	1505.4	1065.5	643.6	354.5	167.9	61.2
220	2075.3	2122.3	2078.5	1860.6	1497.1	1061.5	638.2	348.8	165.6	59.8
225	2075.3	2118.9	2078.5	1861.2	1498.7	1058.1	638.5	347.1	164.4	59.0
230	2075.3	2114.9	2077.2	1862.2	1500.1	1066.5	648.2	346.5	163.7	58.8
235	2075.3	2109.9	2073.5	1862.9	1498.1	1064.1	655.2	351.5	164.9	59.1

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## Photometric Data Table [Unit:cd] RLH-6003-UDM-2649-30

240	2075.3	2105.9	2068.8	1861.9	1492.7	1060.1	652.9	357.8	165.5	59.4
245	2075.3	2100.6	2065.2	1863.9	1488.4	1057.1	653.9	358.2	165.6	59.5
250	2075.3	2097.6	2060.5	1858.6	1488.7	1054.1	648.9	359.2	165.5	59.0
255	2075.3	2092.5	2054.8	1854.2	1486.4	1057.8	644.9	354.2	164.0	58.2
260	2075.3	2088.9	2051.8	1851.5	1480.4	1047.1	636.5	347.8	162.3	57.5
265	2075.3	2087.5	2051.2	1849.9	1472.4	1035.4	623.2	345.1	161.2	57.2
270	2075.3	2087.2	2050.8	1850.9	1465.7	1035.1	620.5	341.8	160.5	57.3
275	2075.3	2089.9	2049.2	1853.2	1469.7	1036.8	624.5	345.1	162.4	57.8
280	2075.3	2092.2	2051.8	1855.2	1476.7	1047.4	638.2	348.5	165.2	58.4
285	2075.3	2096.6	2056.2	1858.2	1478.7	1053.5	644.6	353.5	166.9	59.3
290	2075.3	2100.2	2058.8	1861.6	1476.0	1044.4	644.2	357.8	167.7	60.1
295	2075.3	2104.2	2059.2	1859.2	1473.4	1042.4	638.9	356.2	167.3	60.8
300	2075.3	2107.6	2060.8	1858.6	1473.4	1042.4	635.2	354.8	167.0	60.9
305	2075.3	2108.9	2062.2	1854.2	1477.4	1041.8	635.5	349.5	167.1	60.7
310	2075.3	2110.9	2061.8	1847.9	1473.7	1041.1	630.9	344.8	165.8	60.8
315	2075.3	2109.9	2059.8	1846.5	1467.4	1030.8	622.5	345.8	165.6	61.5
320	2075.3	2108.6	2056.2	1843.5	1461.0	1033.8	624.9	346.5	166.4	62.6
325	2075.3	2105.2	2053.8	1843.2	1464.7	1039.4	632.2	351.5	168.9	63.7
330	2075.3	2101.9	2052.5	1842.9	1477.7	1047.8	642.2	356.2	172.2	64.8
335	2075.3	2096.2	2050.8	1841.5	1484.4	1053.8	647.9	358.2	173.2	65.8
340	2075.3	2090.9	2048.5	1838.9	1481.4	1043.4	639.2	360.2	174.3	66.5
345	2075.3	2084.2	2045.5	1834.9	1471.4	1046.1	631.5	356.8	173.2	67.2
350	2075.3	2078.2	2042.5	1831.2	1468.4	1044.1	625.2	352.8	172.2	67.1
355	2075.3	2073.2	2039.5	1830.2	1475.4	1043.1	622.2	348.1	171.8	66.6
360	2075.3	2069.2	2035.5	1825.2	1478.4	1052.8	625.9	344.5	169.9	66.5

C\G	50	55	60	65	70	75	80	85	90
0	25.8	11.0	5.8	3.3	2.0	0.9	0.6	0.4	0.1
5	26.0	11.1	5.9	3.4	1.9	1.1	0.6	0.3	0.0
10	26.1	11.2	6.0	3.4	2.0	1.0	0.5	0.2	0.1
15	26.2	11.1	5.9	3.3	2.0	1.1	0.5	0.2	0.0
20	26.3	11.1	5.9	3.4	1.9	1.1	0.6	0.3	0.1
25	26.3	11.1	5.8	3.4	2.0	1.1	0.6	0.3	0.1
30	26.4	11.1	5.9	3.4	1.9	1.0	0.6	0.2	0.1
35	26.2	10.9	5.8	3.4	1.9	0.9	0.5	0.3	0.1
40	26.1	10.9	5.8	3.3	1.9	1.1	0.5	0.3	0.0
45	26.0	10.8	5.6	3.2	1.8	1.0	0.6	0.2	0.1
50	25.9	10.7	5.6	3.2	1.9	0.9	0.5	0.2	0.0
55	25.8	10.7	5.6	3.2	1.8	0.9	0.5	0.2	0.0
60	25.7	10.6	5.6	3.1	1.8	1.0	0.5	0.2	0.1
65	25.7	10.6	5.5	3.1	1.8	1.0	0.5	0.3	0.1
70	25.7	10.6	5.5	3.1	1.8	1.0	0.5	0.2	0.1
75	25.6	10.5	5.4	3.2	1.7	1.0	0.5	0.2	0.0
80	25.7	10.5	5.5	3.1	1.7	1.0	0.5	0.2	0.1
85	25.6	10.5	5.5	3.1	1.8	1.0	0.5	0.2	0.1
90	25.5	10.5	5.4	3.1	1.8	0.9	0.5	0.2	0.0
95	25.6	10.5	5.4	3.1	1.7	0.9	0.5	0.2	0.1
100	25.6	10.5	5.4	3.1	1.8	1.0	0.5	0.2	0.1

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## Photometric Data Table [Unit:cd] RLH-6003-UDM-2649-30

105	25.6	10.5	5.5	3.1	1.8	1.0	0.5	0.2	0.1
110	25.6	10.5	5.5	3.1	1.8	1.0	0.5	0.2	0.0
115	25.4	10.5	5.5	3.2	1.8	0.9	0.5	0.3	0.1
120	25.3	10.5	5.6	3.2	1.8	0.9	0.5	0.2	0.1
125	25.2	10.5	5.6	3.2	1.8	0.9	0.5	0.3	0.1
130	25.2	10.5	5.6	3.2	1.9	0.9	0.5	0.2	0.0
135	25.0	10.5	5.6	3.2	1.8	1.0	0.5	0.3	0.0
140	24.9	10.5	5.7	3.2	1.8	1.0	0.6	0.3	0.0
145	24.8	10.5	5.8	3.3	1.9	1.1	0.5	0.2	0.1
150	24.7	10.5	5.8	3.4	1.9	1.0	0.5	0.2	0.1
155	24.5	10.7	5.8	3.4	2.0	1.1	0.6	0.2	0.1
160	24.3	10.7	6.0	3.4	2.0	1.1	0.6	0.3	0.1
165	24.1	10.6	6.0	3.5	2.0	1.1	0.6	0.3	0.1
170	24.0	10.7	6.0	3.5	2.0	1.1	0.6	0.2	0.0
175	23.8	10.6	6.0	3.5	2.1	1.1	0.6	0.3	0.1
180	23.6	10.6	6.0	3.6	2.1	1.1	0.6	0.3	0.0
185	23.3	10.6	6.1	3.6	2.1	1.2	0.6	0.2	0.0
190	23.0	10.5	6.1	3.6	2.1	1.2	0.6	0.2	0.0
195	22.7	10.4	6.0	3.6	2.1	1.1	0.6	0.3	0.0
200	22.4	10.3	5.9	3.4	2.0	1.2	0.5	0.2	0.1
205	22.2	10.1	5.8	3.5	2.0	1.1	0.5	0.2	0.1
210	21.7	9.9	5.6	3.4	2.0	1.1	0.6	0.4	0.0
215	21.5	9.8	5.6	3.4	1.9	1.0	0.5	0.2	0.0
220	21.2	9.6	5.6	3.3	1.9	1.0	0.5	0.2	0.1
225	20.7	9.5	5.4	3.2	1.9	1.1	0.6	0.3	0.0
230	20.6	9.2	5.3	3.2	1.9	1.0	0.5	0.2	0.1
235	20.3	9.2	5.3	3.1	1.9	1.0	0.5	0.2	0.1
240	20.1	9.1	5.1	3.0	1.8	1.0	0.5	0.2	0.1
245	19.9	9.0	5.1	3.0	1.6	0.9	0.5	0.2	0.1
250	19.9	8.9	5.0	2.9	1.6	0.9	0.4	0.2	0.0
255	19.8	8.8	5.0	2.9	1.7	0.9	0.5	0.2	0.0
260	19.8	8.8	5.0	2.8	1.7	0.8	0.4	0.3	0.1
265	19.9	8.8	4.8	2.9	1.6	0.8	0.5	0.2	0.1
270	19.9	8.8	4.8	2.8	1.6	0.9	0.4	0.2	0.1
275	20.2	8.8	4.9	2.8	1.7	0.9	0.5	0.3	0.1
280	20.4	8.9	4.9	2.9	1.6	0.8	0.5	0.3	0.1
285	20.6	9.0	4.9	2.8	1.6	0.9	0.4	0.3	0.1
290	20.9	9.1	4.9	2.9	1.5	0.8	0.4	0.3	0.1
295	21.2	9.2	5.0	2.8	1.6	0.8	0.5	0.2	0.1
300	21.5	9.2	5.0	2.9	1.6	0.9	0.5	0.2	0.1
305	21.9	9.4	5.0	2.9	1.6	0.8	0.5	0.2	0.1
310	22.2	9.6	5.1	3.0	1.7	0.9	0.5	0.3	0.1
315	22.6	9.7	5.2	2.9	1.7	0.9	0.4	0.3	0.0
320	23.0	9.8	5.3	2.9	1.7	0.9	0.4	0.2	0.1
325	23.4	10.0	5.3	3.0	1.8	0.9	0.5	0.3	0.0
330	23.8	10.2	5.4	3.1	1.8	1.0	0.5	0.3	0.0
335	24.2	10.3	5.5	3.1	1.8	1.0	0.6	0.2	0.0
340	24.6	10.5	5.6	3.2	1.8	1.0	0.5	0.2	0.0
345	24.9	10.7	5.6	3.3	1.9	1.0	0.6	0.2	0.1

# ***JESCO LIGHTING***

## **Photometric Data Table [Unit:cd] RLH-6003-UDM-2649-30**

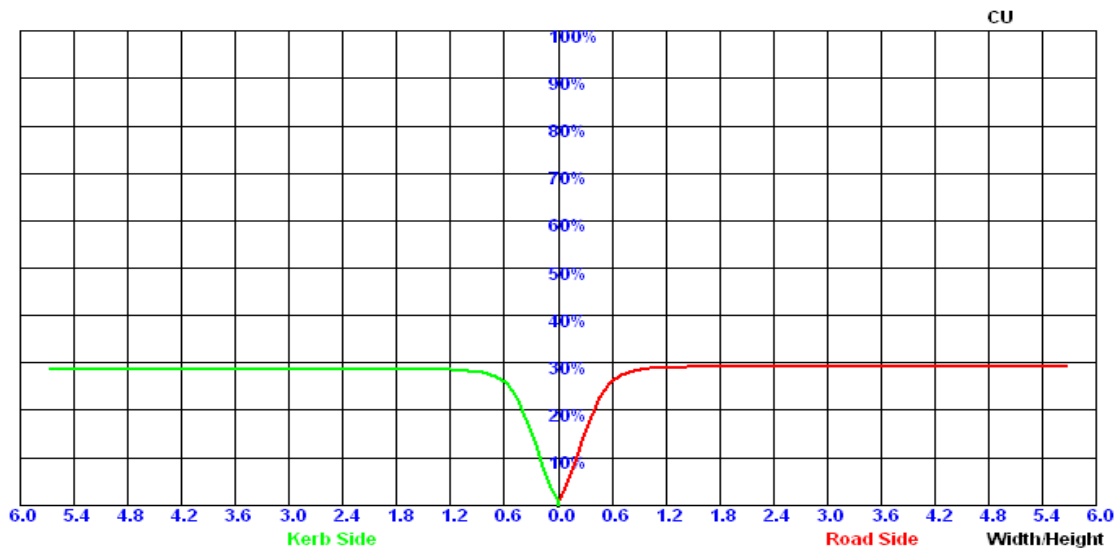
<b>350</b>	25.3	10.8	5.7	3.2	1.9	1.0	0.6	0.3	0.1
<b>355</b>	25.6	10.8	5.8	3.3	1.9	1.1	0.5	0.3	0.0
<b>360</b>	25.8	11.0	5.8	3.3	2.0	0.9	0.6	0.4	0.1

# JESCO LIGHTING

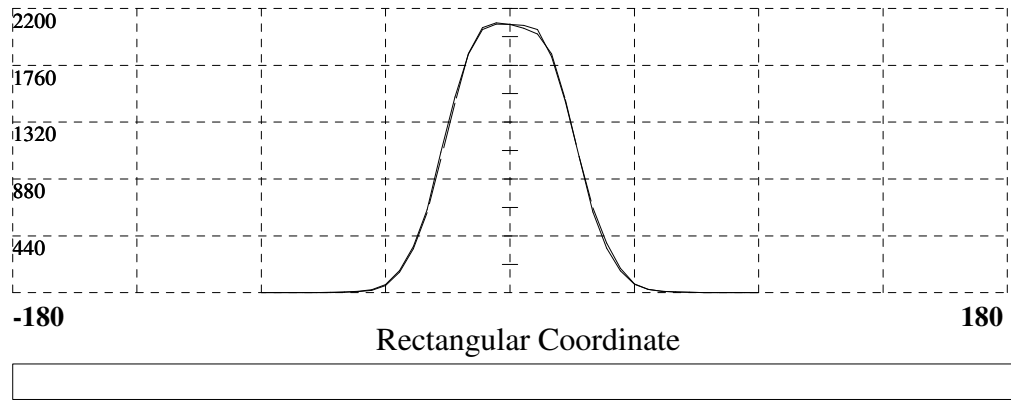
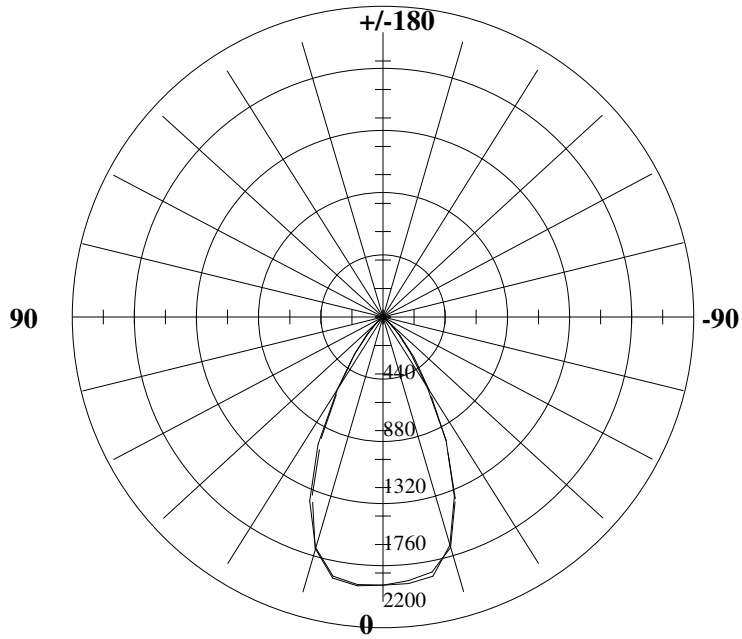
## Zonal FluxRLH-6003-UDM-2649-30

<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>
0	2075.33	0.00	0.00	0.00	0.00
5	2084.43	49.73	49.73	1.91	1.91
10	2041.88	147.61	197.34	5.68	7.59
15	1849.31	230.82	428.16	8.88	16.47
20	1492.43	275.41	703.57	10.59	27.06
25	1062.79	268.00	971.56	10.31	37.37
30	649.99	216.75	1188.32	8.34	45.70
35	363.38	149.23	1337.54	5.74	51.44
40	175.56	89.92	1427.46	3.46	54.90
45	65.02	44.55	1472.01	1.71	56.62
50	23.67	17.92	1489.93	0.69	57.30
55	10.19	7.36	1497.29	0.28	57.59
60	5.53	3.63	1500.93	0.14	57.73
65	3.19	2.12	1503.05	0.08	57.81
70	1.84	1.27	1504.32	0.05	57.86
75	0.99	0.74	1505.06	0.03	57.89
80	0.52	0.40	1505.46	0.02	57.90
85	0.24	0.21	1505.67	0.01	57.91
90	0.06	0.08	1505.75	0.00	57.91

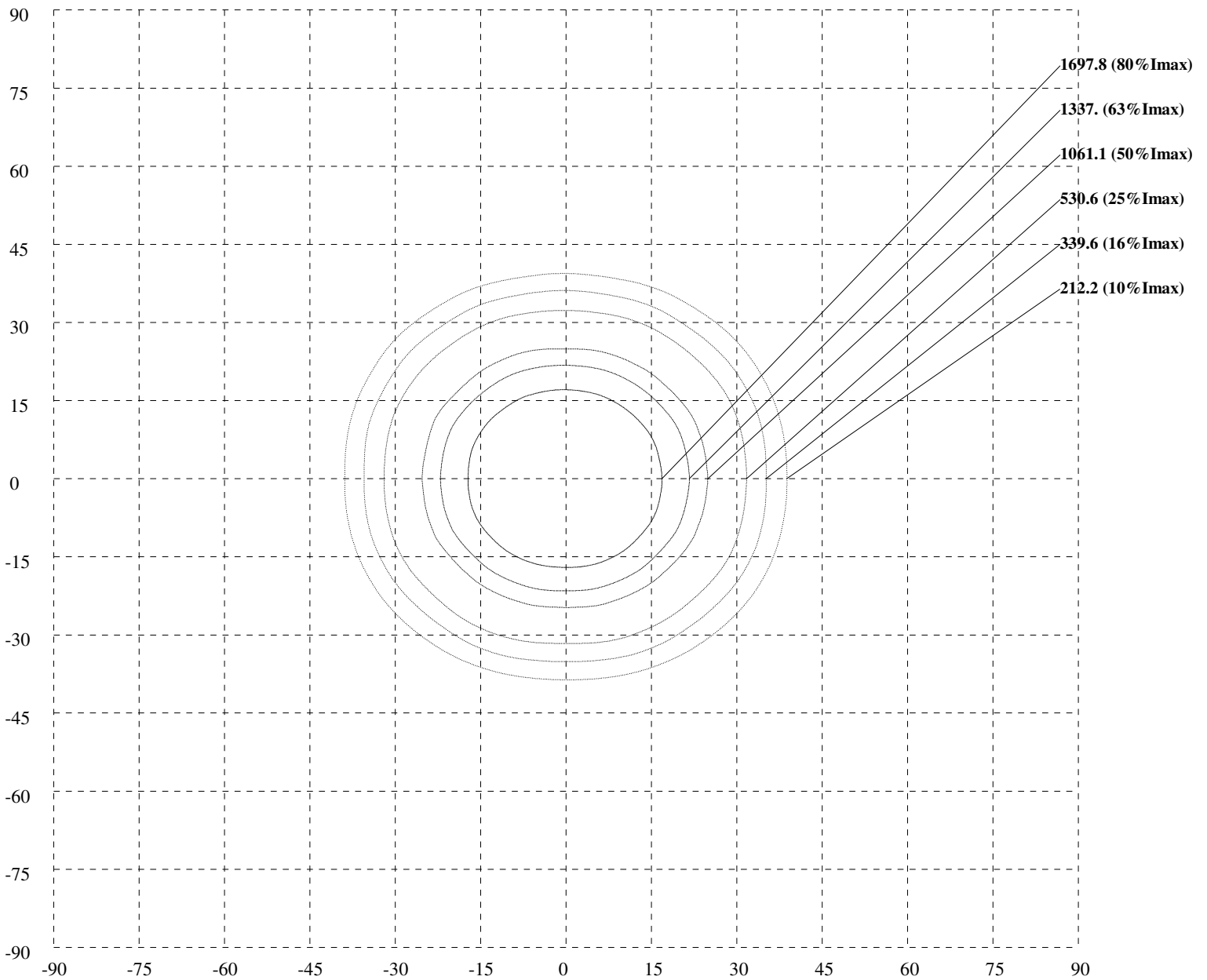
**JESCO LIGHTING**  
**Coefficient Utilization Curve RLH-6003-UDM-2649-30**



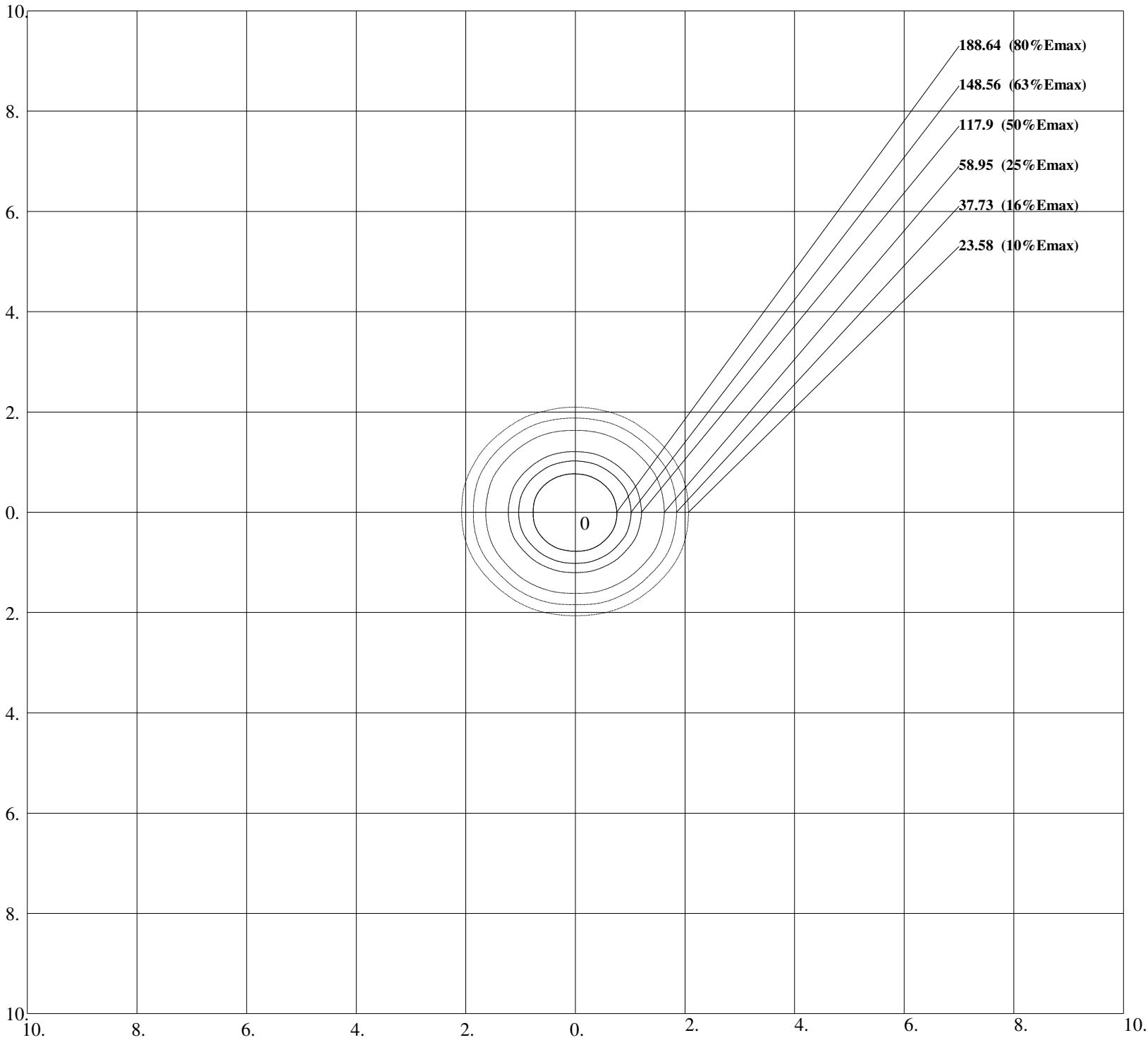
Light Distribution Curve[Unit: cd]







**Iso-Lux [Unit :lx]RLH-6003-UDM-2649-30**



Units: lx  
Height: 3 m  
Max Illuminance : 235.81lx

**JESCO LIGHTING**  
**Lux-Distance Curve**

