

**Test Report of Luminaire**

**Report No.:**

Luminaire Type	RLH-6003-UDM-2649-40		
Lamp Type	LUMILEDS 34W		
Client		EUT NO.	

**Luminaire Parameters:**

Voltage	120.3	Current	0.262
Power:	31.3	Power Factor	0.991
Frequency:	60Hz	Tc	4000K

**Photometric Parameters**

Luminaire Flux	1611.76 lm	Luminaire Eff.	61.99%
Max Intensity	2308.512cd	Central Intensity	2255.607cd
Angle of Max Intensity:	C:265 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	61.99%		
50%Imax Beam Width	C0_180[ 24.4 ,-25.3] C90_270[ 24.7 ,-24.5]		
Remark			

**Luminaire Figure**



# JESCO LIGHTING

## Photometric Data Table [Unit:cd] RLH-6003-UDM-2649-40

C\G	0	5	10	15	20	25	30	35	40	45
0	2255.6	2255.1	2197.7	1968.7	1581.5	1097.5	643.6	358.5	172.9	64.1
5	2255.6	2257.1	2199.7	1971.4	1581.2	1085.5	643.9	360.2	174.2	64.0
10	2255.6	2259.4	2198.4	1971.4	1582.5	1084.8	645.9	365.2	175.9	64.6
15	2255.6	2258.1	2200.0	1972.4	1587.2	1090.5	656.9	370.5	178.6	65.5
20	2255.6	2255.8	2197.4	1976.7	1596.2	1101.5	670.6	375.2	181.2	66.5
25	2255.6	2250.8	2195.4	1983.1	1600.9	1122.5	682.3	377.9	181.2	67.2
30	2255.6	2243.8	2190.0	1982.4	1600.5	1116.2	687.6	382.9	184.3	67.8
35	2255.6	2238.1	2183.3	1978.4	1595.9	1106.9	676.3	387.9	186.6	67.9
40	2255.6	2230.4	2176.0	1973.7	1591.2	1101.9	672.3	386.2	186.6	67.8
45	2255.6	2225.1	2170.0	1970.0	1589.2	1100.8	671.6	381.9	185.3	67.1
50	2255.6	2217.7	2163.3	1969.7	1585.5	1110.9	671.3	378.9	182.3	67.0
55	2255.6	2214.4	2159.0	1967.4	1586.9	1106.5	677.9	382.5	185.3	67.3
60	2255.6	2212.4	2158.0	1968.7	1586.5	1106.9	681.3	392.5	189.6	68.6
65	2255.6	2212.4	2158.6	1972.4	1590.9	1116.9	690.3	396.9	191.6	69.9
70	2255.6	2216.7	2162.3	1973.7	1595.2	1131.2	704.6	396.5	191.9	70.6
75	2255.6	2224.4	2168.0	1979.7	1596.2	1145.9	708.0	394.9	189.9	71.0
80	2255.6	2234.1	2176.0	1982.4	1600.5	1141.9	701.6	395.5	191.3	70.8
85	2255.6	2243.1	2183.3	1986.1	1606.9	1128.2	696.6	398.9	194.6	70.4
90	2255.6	2250.4	2192.0	1987.1	1610.2	1127.2	692.0	397.5	194.3	69.6
95	2255.6	2255.4	2194.7	1991.1	1610.6	1131.9	693.6	394.5	192.9	69.4
100	2255.6	2255.8	2194.0	1994.7	1614.2	1145.9	697.0	390.5	190.9	70.0
105	2255.6	2256.4	2193.7	1998.1	1619.9	1156.6	702.6	394.2	192.3	70.9
110	2255.6	2249.4	2195.4	2002.4	1628.6	1158.6	713.6	400.9	197.3	71.4
115	2255.6	2244.1	2193.4	2005.8	1639.6	1166.6	718.7	404.9	200.9	71.7
120	2255.6	2239.1	2187.3	2009.8	1638.9	1172.6	722.0	402.6	198.6	71.7
125	2255.6	2235.7	2187.0	2014.4	1632.2	1178.6	715.7	397.5	193.9	71.3
130	2255.6	2235.1	2187.3	2019.4	1631.9	1171.6	703.6	395.5	191.6	70.3
135	2255.6	2238.1	2193.0	2026.5	1637.3	1162.9	702.3	397.5	193.6	69.2
140	2255.6	2244.8	2197.0	2033.1	1645.9	1154.3	697.3	402.2	197.6	68.9
145	2255.6	2252.1	2206.0	2042.8	1650.9	1164.9	703.6	399.6	196.6	69.2
150	2255.6	2262.8	2218.1	2055.2	1650.3	1188.3	710.3	396.2	193.3	70.1
155	2255.6	2268.8	2229.4	2064.8	1652.9	1201.0	719.7	395.2	193.3	71.0
160	2255.6	2279.1	2238.4	2070.5	1665.6	1200.0	728.0	399.6	196.6	71.1
165	2255.6	2290.5	2245.1	2076.2	1671.6	1192.0	721.3	404.2	199.6	71.0
170	2255.6	2299.2	2251.8	2075.5	1665.0	1185.6	715.7	400.9	196.9	70.4
175	2255.6	2305.5	2257.8	2073.5	1650.3	1185.3	709.0	394.5	190.3	69.8
180	2255.6	2307.2	2261.8	2068.5	1644.9	1178.0	705.0	389.9	187.6	69.3
185	2255.6	2307.5	2262.4	2066.8	1648.3	1162.9	706.0	392.2	190.3	69.0
190	2255.6	2307.2	2262.4	2064.5	1650.9	1157.9	705.0	396.9	193.3	69.5
195	2255.6	2302.2	2261.1	2062.5	1649.3	1160.6	711.6	398.9	193.3	70.3
200	2255.6	2299.2	2260.4	2058.8	1644.3	1175.0	722.7	395.5	190.3	71.2
205	2255.6	2295.5	2259.8	2053.5	1642.3	1181.0	731.0	395.5	189.3	71.3
210	2255.6	2290.8	2258.8	2051.8	1637.6	1158.6	719.7	398.9	191.9	71.6
215	2255.6	2290.8	2255.1	2044.1	1628.2	1145.6	702.3	398.5	190.3	71.4
220	2255.6	2287.1	2250.8	2034.8	1620.6	1137.6	692.0	391.5	187.9	71.0
225	2255.6	2286.1	2248.8	2024.8	1614.9	1135.2	689.9	382.9	185.6	70.2
230	2255.6	2284.5	2247.1	2016.8	1608.9	1140.6	689.6	377.9	182.9	70.0
235	2255.6	2287.5	2247.8	2012.4	1601.2	1126.9	685.6	380.2	183.9	70.5

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## Photometric Data Table [Unit:cd] RLH-6003-UDM-2649-40

240	2255.6	2292.8	2249.4	2007.1	1593.9	1126.6	685.6	380.9	183.6	71.3
245	2255.6	2296.2	2250.1	2005.4	1593.2	1124.9	691.3	383.9	184.3	71.8
250	2255.6	2300.5	2252.4	2003.4	1595.9	1122.9	698.0	387.2	184.9	71.7
255	2255.6	2302.8	2256.4	1998.8	1598.2	1129.6	699.0	384.2	184.9	71.2
260	2255.6	2305.2	2256.1	1994.1	1586.2	1120.2	685.6	378.2	181.9	70.7
265	2255.6	2308.5	2254.8	1990.4	1570.2	1114.2	672.6	368.2	176.9	69.9
270	2255.6	2308.5	2254.8	1984.4	1563.8	1107.9	665.9	360.5	173.6	69.0
275	2255.6	2305.8	2254.1	1981.7	1564.8	1106.5	663.6	359.5	172.6	67.8
280	2255.6	2300.8	2251.4	1979.4	1571.5	1111.2	670.9	358.8	173.9	67.1
285	2255.6	2296.2	2244.8	1975.7	1570.8	1110.2	669.3	361.5	173.9	67.0
290	2255.6	2288.8	2239.4	1972.7	1561.8	1105.5	663.6	363.8	172.6	67.3
295	2255.6	2281.8	2233.7	1969.0	1558.5	1097.5	659.9	364.2	171.6	67.3
300	2255.6	2275.8	2229.7	1966.0	1560.1	1094.2	655.6	364.5	171.9	66.7
305	2255.6	2266.8	2222.4	1963.7	1567.2	1099.5	655.6	360.5	172.9	65.5
310	2255.6	2260.4	2217.4	1959.7	1569.5	1097.5	650.2	353.5	171.6	64.6
315	2255.6	2254.1	2212.7	1957.0	1558.1	1088.2	633.2	348.5	168.2	64.1
320	2255.6	2245.8	2205.0	1952.4	1550.5	1082.5	625.9	344.5	166.9	63.7
325	2255.6	2242.8	2205.4	1954.4	1552.8	1082.2	627.5	346.5	167.8	63.7
330	2255.6	2241.1	2202.4	1956.4	1566.5	1087.8	634.9	352.2	170.6	63.7
335	2255.6	2240.8	2201.7	1959.4	1574.2	1097.5	645.9	356.8	172.7	64.1
340	2255.6	2243.4	2202.4	1964.0	1573.8	1087.2	648.6	364.5	174.1	64.7
345	2255.6	2245.4	2203.0	1964.4	1569.8	1084.5	647.9	365.8	174.5	65.1
350	2255.6	2246.4	2201.0	1965.0	1573.2	1088.2	647.6	367.2	175.0	65.2
355	2255.6	2248.4	2200.7	1967.4	1581.2	1087.2	648.9	364.2	175.5	64.6
360	2255.6	2255.1	2197.7	1968.7	1581.5	1097.5	643.6	358.5	172.9	64.1

C\G	50	55	60	65	70	75	80	85	90
0	23.2	9.9	5.4	3.0	1.7	0.9	0.4	0.1	0.0
5	23.2	10.1	5.4	3.1	1.7	0.9	0.4	0.2	0.0
10	23.3	10.2	5.4	3.0	1.7	0.9	0.4	0.2	0.0
15	23.4	10.2	5.4	3.1	1.8	0.9	0.5	0.2	0.0
20	23.6	10.2	5.5	3.2	1.8	0.9	0.5	0.2	0.0
25	23.8	10.3	5.7	3.4	1.9	1.0	0.4	0.2	0.0
30	23.8	10.5	5.7	3.2	1.8	1.0	0.5	0.3	0.0
35	24.0	10.6	5.9	3.3	1.9	1.1	0.5	0.3	0.0
40	24.2	10.6	5.9	3.4	2.0	1.0	0.5	0.3	0.1
45	24.4	10.8	6.0	3.5	2.1	1.1	0.6	0.3	0.0
50	24.6	10.9	6.2	3.6	2.0	1.1	0.6	0.3	0.0
55	24.7	11.0	6.2	3.6	2.1	1.2	0.6	0.2	0.1
60	25.0	11.1	6.3	3.6	2.1	1.2	0.5	0.2	0.1
65	25.1	11.3	6.5	3.7	2.2	1.2	0.6	0.3	0.1
70	25.3	11.5	6.5	3.8	2.3	1.2	0.7	0.2	0.0
75	25.4	11.5	6.5	3.9	2.3	1.2	0.6	0.3	0.0
80	25.5	11.4	6.6	3.9	2.3	1.2	0.6	0.2	0.1
85	25.5	11.5	6.6	4.0	2.3	1.3	0.6	0.3	0.1
90	25.6	11.4	6.5	3.9	2.3	1.2	0.7	0.3	0.0
95	25.6	11.3	6.4	3.8	2.3	1.2	0.6	0.3	0.0
100	25.5	11.1	6.4	3.9	2.3	1.3	0.5	0.2	0.1

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## Photometric Data Table [Unit:cd] RLH-6003-UDM-2649-40

105	25.5	11.1	6.4	3.8	2.2	1.2	0.6	0.3	0.0
110	25.5	11.1	6.4	3.7	2.1	1.2	0.6	0.2	0.1
115	25.3	11.0	6.2	3.7	2.1	1.1	0.7	0.3	0.0
120	25.2	10.8	6.1	3.6	2.1	1.2	0.5	0.2	0.0
125	25.2	10.7	6.1	3.6	2.1	1.1	0.6	0.2	0.1
130	25.1	10.6	6.0	3.5	2.0	1.0	0.5	0.3	0.1
135	25.0	10.5	5.9	3.5	2.0	1.2	0.6	0.2	0.1
140	24.9	10.4	5.8	3.4	2.0	1.1	0.5	0.3	0.0
145	25.0	10.3	5.8	3.4	2.0	1.0	0.5	0.1	0.1
150	25.1	10.3	5.7	3.3	1.9	1.0	0.5	0.1	0.0
155	25.1	10.3	5.7	3.3	1.8	1.0	0.5	0.2	0.1
160	25.2	10.4	5.7	3.4	1.8	1.0	0.5	0.3	0.1
165	25.3	10.4	5.7	3.3	1.8	1.0	0.5	0.2	0.0
170	25.4	10.5	5.6	3.2	1.9	0.9	0.5	0.3	0.1
175	25.6	10.5	5.6	3.2	1.9	0.9	0.5	0.2	0.0
180	25.6	10.6	5.7	3.2	1.8	0.9	0.4	0.2	0.0
185	25.7	10.6	5.6	3.2	1.8	1.0	0.5	0.2	0.1
190	25.9	10.7	5.6	3.3	1.9	1.0	0.5	0.2	0.1
195	26.1	10.8	5.7	3.3	1.9	1.0	0.5	0.2	0.0
200	26.2	10.9	5.8	3.3	1.8	0.9	0.5	0.2	0.1
205	26.3	10.9	5.8	3.2	1.9	0.9	0.6	0.3	0.0
210	26.5	11.0	5.8	3.3	1.9	1.0	0.4	0.2	0.0
215	26.6	11.1	5.8	3.3	1.9	1.0	0.5	0.1	0.0
220	26.7	11.2	5.9	3.3	1.9	1.1	0.6	0.3	0.0
225	26.8	11.2	5.9	3.3	1.9	1.0	0.4	0.3	0.1
230	26.9	11.3	6.0	3.4	1.9	1.1	0.6	0.3	0.0
235	27.0	11.5	6.1	3.4	2.0	1.0	0.5	0.2	0.0
240	26.9	11.5	5.9	3.5	2.0	1.1	0.6	0.3	0.0
245	27.0	11.5	6.1	3.5	1.9	1.0	0.6	0.2	0.1
250	26.8	11.5	6.0	3.5	2.0	1.1	0.6	0.2	0.0
255	26.8	11.4	6.1	3.5	1.9	1.1	0.6	0.2	0.0
260	26.6	11.3	6.1	3.5	2.0	1.1	0.5	0.2	0.0
265	26.3	11.3	6.0	3.5	2.0	1.0	0.5	0.2	0.0
270	26.0	11.2	5.9	3.4	2.0	1.0	0.5	0.2	0.1
275	25.6	11.0	5.9	3.4	1.9	1.1	0.6	0.2	0.0
280	25.4	10.9	5.8	3.4	1.8	1.0	0.5	0.2	0.1
285	25.0	10.7	5.7	3.3	1.9	1.0	0.5	0.2	0.1
290	24.7	10.7	5.6	3.3	1.9	1.0	0.5	0.2	0.0
295	24.4	10.4	5.6	3.2	1.9	1.1	0.5	0.2	0.1
300	24.0	10.3	5.5	3.2	1.8	1.0	0.5	0.2	0.0
305	23.7	10.2	5.4	3.1	1.7	0.9	0.4	0.2	0.0
310	23.5	10.0	5.4	3.0	1.8	0.9	0.5	0.2	0.0
315	23.3	10.1	5.3	3.1	1.8	0.9	0.4	0.2	0.0
320	23.2	9.9	5.3	3.0	1.7	0.9	0.4	0.1	0.1
325	23.1	9.9	5.3	2.9	1.7	0.9	0.5	0.1	0.0
330	23.0	9.9	5.2	3.0	1.7	0.8	0.5	0.1	0.0
335	23.0	10.0	5.2	2.9	1.6	0.8	0.4	0.2	0.0
340	23.0	9.8	5.2	2.9	1.7	0.9	0.4	0.3	0.1
345	23.0	10.0	5.2	3.0	1.6	0.8	0.5	0.2	0.0

# **JESCO LIGHTING**

## **Photometric Data Table [Unit:cd] RLH-6003-UDM-2649-40**

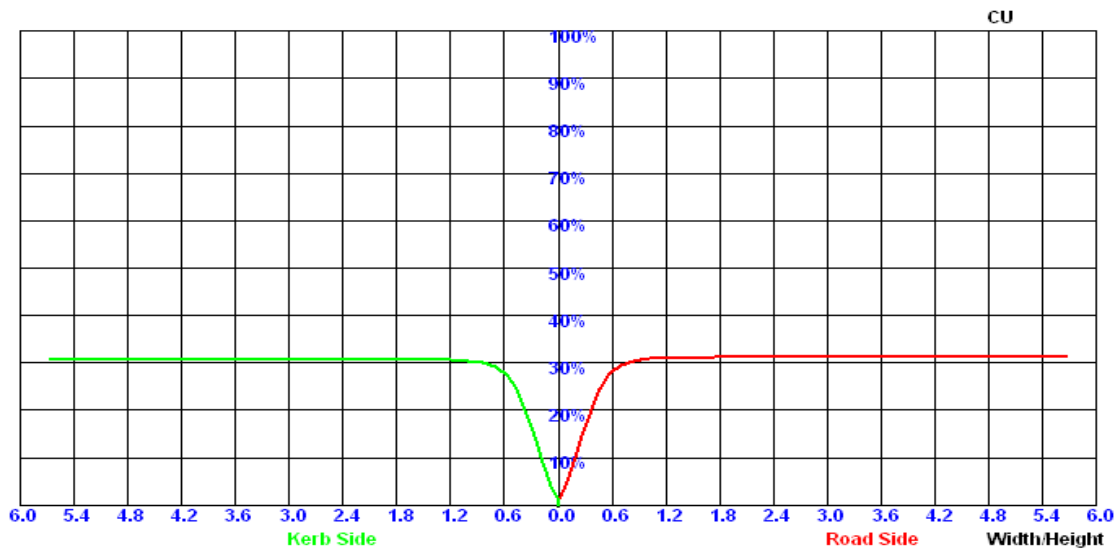
<b>350</b>	23.1	9.9	5.3	3.0	1.6	0.8	0.4	0.2	0.1
<b>355</b>	23.1	10.0	5.4	3.1	1.7	0.9	0.4	0.2	0.0
<b>360</b>	23.2	9.9	5.4	3.0	1.7	0.9	0.4	0.1	0.0

# JESCO LIGHTING

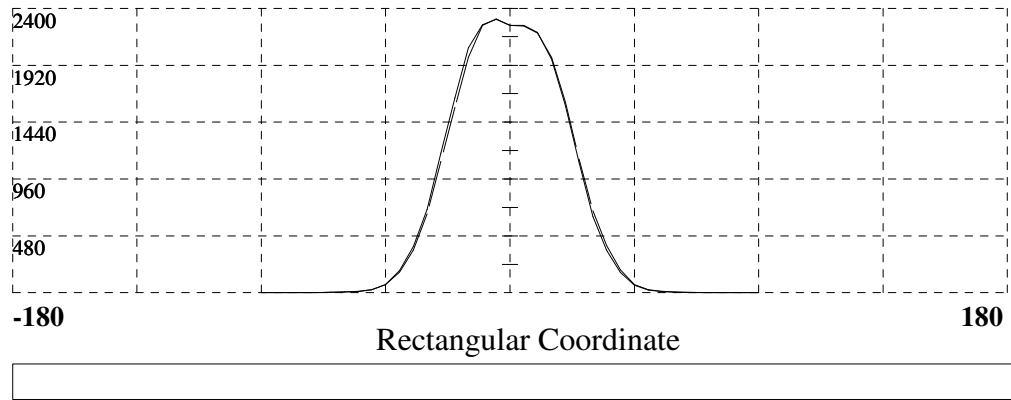
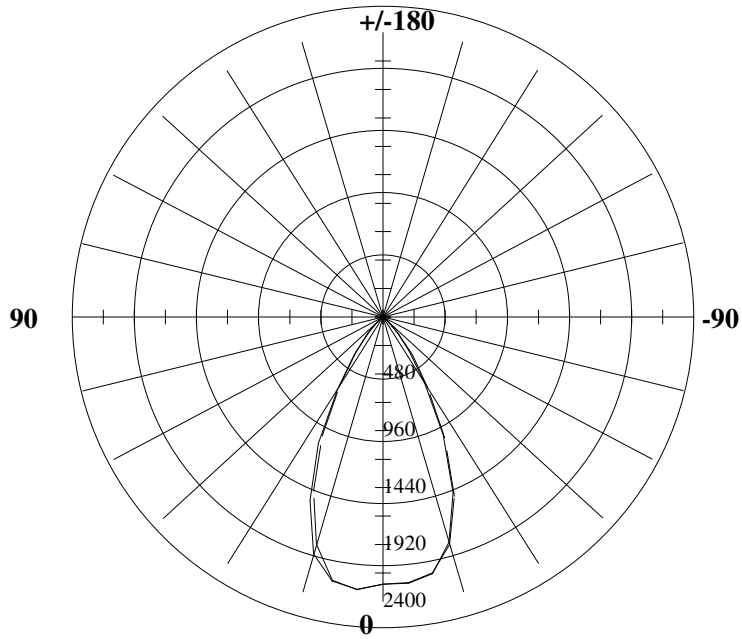
## Zonal FluxRLH-6003-UDM-2649-40

<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	2255.61	0.00	0.00	0.00	0.00
5	2264.66	54.04	54.04	2.08	2.08
10	2216.32	160.30	214.34	6.17	8.24
15	2000.56	250.14	464.48	9.62	17.86
20	1604.00	297.07	761.55	11.43	29.29
25	1129.91	286.74	1048.28	11.03	40.32
30	684.10	229.57	1277.85	8.83	49.15
35	381.79	156.96	1434.81	6.04	55.18
40	184.67	94.51	1529.32	3.64	58.82
45	68.58	46.89	1576.21	1.80	60.62
50	25.00	18.91	1595.13	0.73	61.35
55	10.73	7.77	1602.90	0.30	61.65
60	5.84	3.83	1606.73	0.15	61.80
65	3.37	2.24	1608.97	0.09	61.88
70	1.93	1.34	1610.31	0.05	61.93
75	1.03	0.77	1611.08	0.03	61.96
80	0.51	0.41	1611.49	0.02	61.98
85	0.22	0.20	1611.69	0.01	61.99
90	0.04	0.07	1611.76	0.00	61.99

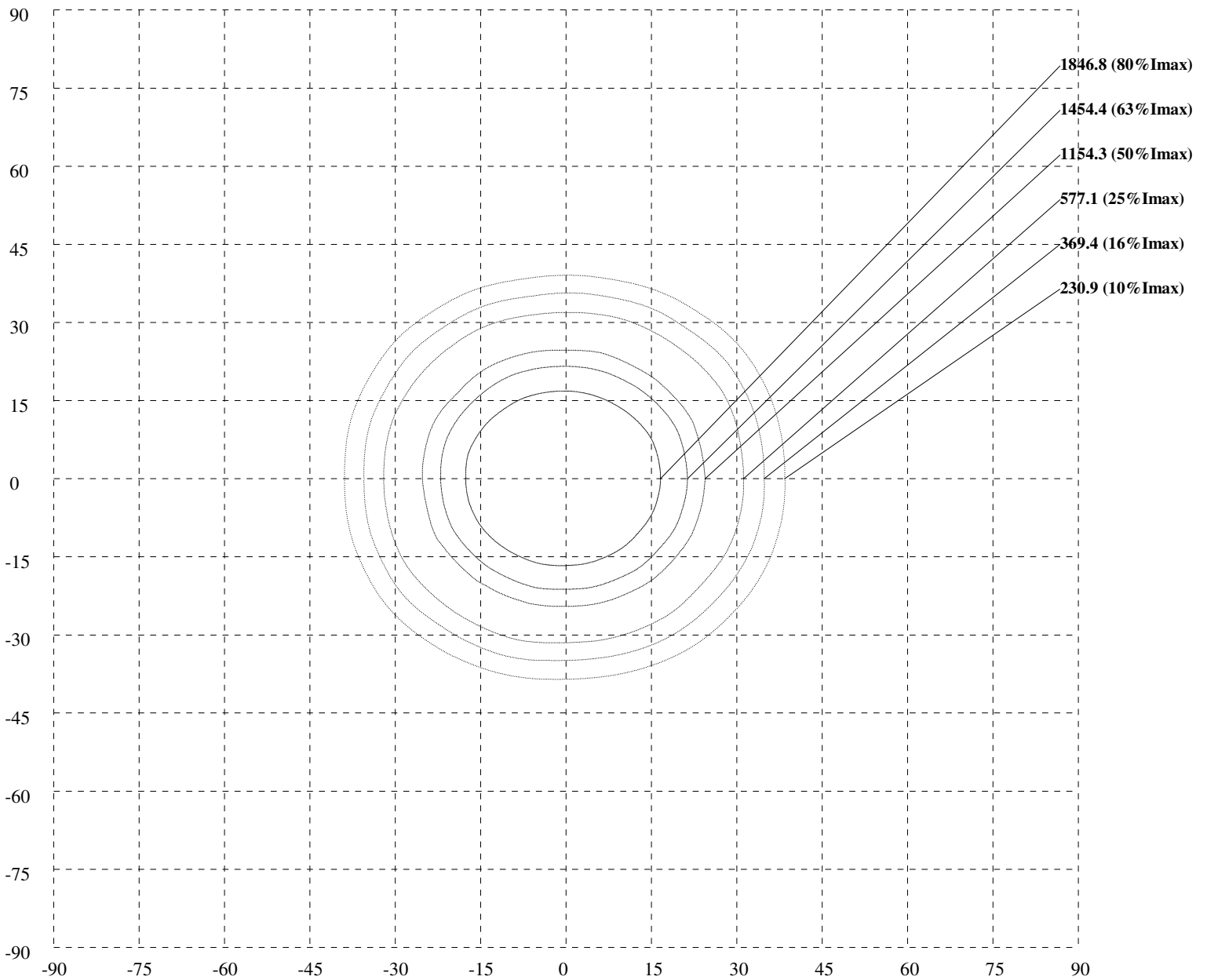
**JESCO LIGHTING**  
**Coefficient Utilization Curve RLH-6003-UDM-2649-40**



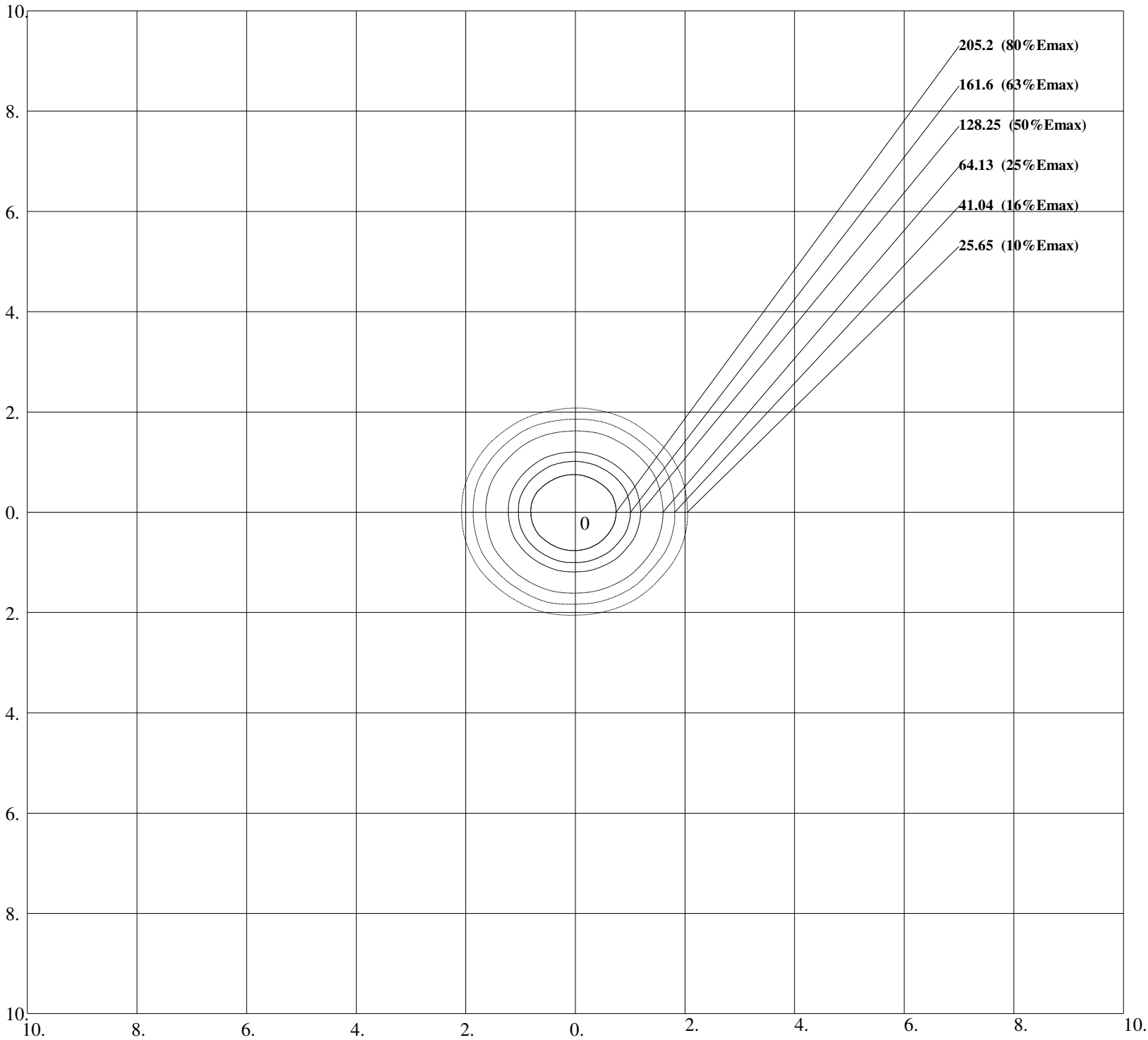
Light Distribution Curve[Unit: cd]







**Iso-Lux [Unit :lx]RLH-6003-UDM-2649-40**



Units: lx  
Height: 3 m  
Max Illuminance : 256.5lx

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

