

Test Report of Luminaire

Report No.:

Luminaire Type	RLH-6003-UDM-2649-40		
Lamp Type	LIMILEDS 26W		
Client		EUT NO.	

Luminaire Parameters:

Voltage	120.2	Current	0.205
Power:	24.2	Power Factor	0.982
Frequency:	60Hz	Tc	4000K

Photometric Parameters

Luminaire Flux	1204.53 lm	Luminaire Eff.	60.23%
Max Intensity	1826.181cd	Central Intensity	1761.724cd
Angle of Max Intensity:	C:160 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	60.23%		
50%Imax Beam Width	C0_180[23.3 ,-23.1] C90_270[24.2 ,-23.3]		
Remark			

Luminaire Figure



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

C\G	0	5	10	15	20	25	30	35	40	45
0	1761.7	1808.8	1706.0	1490.1	1127.9	805.1	493.0	280.4	138.8	51.3
5	1761.7	1803.8	1705.3	1498.4	1135.2	803.4	489.0	284.1	141.7	53.0
10	1761.7	1799.1	1710.0	1508.1	1141.6	809.1	493.7	287.1	145.2	54.3
15	1761.7	1795.5	1707.0	1515.4	1159.9	828.1	506.0	287.7	144.7	55.1
20	1761.7	1790.5	1694.3	1518.4	1162.3	821.1	502.7	296.1	150.1	56.1
25	1761.7	1785.5	1680.0	1519.8	1162.9	827.8	517.4	301.7	152.3	57.0
30	1761.7	1778.1	1672.3	1527.4	1169.3	848.8	523.1	299.1	150.3	58.2
35	1761.7	1771.8	1679.6	1544.1	1191.6	841.5	518.4	308.8	159.8	59.8
40	1761.7	1767.4	1699.0	1563.2	1209.3	855.2	524.7	307.4	159.3	61.8
45	1761.7	1763.4	1707.7	1578.5	1215.3	869.9	529.4	308.4	158.1	63.1
50	1761.7	1759.4	1702.7	1577.5	1229.0	857.2	534.1	322.4	165.3	63.6
55	1761.7	1757.4	1691.3	1564.2	1220.3	868.9	544.8	312.8	159.4	63.7
60	1761.7	1755.1	1685.0	1552.8	1218.7	868.9	547.4	313.4	160.2	63.7
65	1761.7	1751.7	1696.7	1554.1	1230.7	862.5	550.8	323.8	166.5	64.3
70	1761.7	1752.4	1716.7	1569.8	1233.4	880.9	541.1	320.4	161.8	64.7
75	1761.7	1751.7	1727.0	1575.5	1241.0	884.6	545.1	321.8	164.4	64.5
80	1761.7	1753.4	1718.0	1565.8	1236.4	871.5	542.4	323.1	164.7	63.5
85	1761.7	1757.1	1701.0	1548.5	1217.3	870.5	541.4	313.8	157.1	61.9
90	1761.7	1761.8	1688.0	1536.4	1211.0	852.2	545.4	315.1	159.6	59.8
95	1761.7	1768.4	1689.7	1539.8	1205.3	852.8	541.1	311.4	156.6	58.3
100	1761.7	1777.1	1703.7	1547.5	1202.7	863.2	527.1	307.1	152.5	57.5
105	1761.7	1783.5	1717.4	1549.5	1207.7	850.5	519.7	309.1	157.3	56.3
110	1761.7	1791.1	1719.0	1546.1	1198.7	851.5	519.0	300.1	151.1	55.2
115	1761.7	1797.5	1708.4	1532.4	1191.0	850.5	517.0	295.7	146.6	54.0
120	1761.7	1803.5	1701.7	1522.1	1171.3	835.5	508.4	295.1	146.7	52.8
125	1761.7	1811.2	1705.7	1524.1	1169.3	839.8	517.0	291.4	142.5	51.8
130	1761.7	1814.8	1716.4	1530.4	1167.6	837.8	502.0	284.7	141.3	51.3
135	1761.7	1818.2	1728.0	1532.4	1155.9	829.5	491.7	280.1	139.8	51.5
140	1761.7	1820.2	1733.4	1532.1	1168.3	829.8	496.4	276.7	138.5	50.7
145	1761.7	1822.2	1731.1	1522.1	1153.3	815.5	486.7	275.0	136.6	50.4
150	1761.7	1823.2	1726.4	1509.1	1134.6	806.4	480.7	270.0	134.3	50.1
155	1761.7	1824.8	1722.4	1496.7	1136.2	802.4	483.3	265.4	135.2	48.8
160	1761.7	1826.2	1727.0	1491.1	1119.2	795.1	465.6	262.0	132.4	48.9
165	1761.7	1825.5	1737.1	1493.4	1114.5	789.8	471.0	260.7	130.8	49.1
170	1761.7	1825.2	1745.1	1495.4	1125.5	786.7	479.3	267.0	134.2	48.8
175	1761.7	1823.8	1748.4	1495.1	1118.5	785.7	470.6	265.4	132.5	49.4
180	1761.7	1820.8	1739.4	1495.7	1114.9	786.7	472.7	265.0	132.2	49.6
185	1761.7	1817.2	1725.4	1489.4	1118.2	786.7	487.7	270.0	135.2	49.2
190	1761.7	1812.5	1713.7	1483.4	1108.9	787.8	473.0	269.0	133.7	50.0
195	1761.7	1808.5	1705.0	1484.4	1108.5	792.1	476.0	273.7	135.4	50.8
200	1761.7	1804.8	1704.3	1488.4	1127.6	804.8	493.3	280.4	138.6	51.4
205	1761.7	1804.2	1703.7	1488.0	1127.2	804.8	493.0	280.1	138.8	51.3
210	1761.7	1805.5	1703.0	1489.1	1127.6	805.1	493.0	280.4	138.8	51.3
215	1761.7	1805.2	1703.0	1488.0	1127.6	804.4	493.3	280.1	138.7	51.3
220	1761.7	1804.5	1704.0	1488.4	1127.6	804.8	493.0	280.1	138.7	51.3
225	1761.7	1805.2	1704.0	1488.7	1127.6	805.1	493.3	280.1	138.8	51.3
230	1761.7	1804.8	1703.7	1488.4	1127.6	804.8	493.0	280.1	138.6	51.3
235	1761.7	1804.5	1703.3	1488.4	1127.6	804.8	493.0	280.1	138.8	51.3

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

240	1761.7	1804.8	1704.0	1488.7	1127.6	804.8	493.0	280.1	138.8	51.3
245	1761.7	1804.2	1704.3	1488.0	1127.6	804.8	493.3	280.1	138.8	51.3
250	1761.7	1804.2	1703.7	1488.4	1127.2	804.8	493.0	280.1	138.7	51.3
255	1761.7	1804.5	1703.3	1488.4	1127.6	804.8	493.3	280.1	138.7	51.3
260	1761.7	1804.5	1703.3	1488.0	1127.2	804.4	493.3	280.1	138.7	51.3
265	1761.7	1804.5	1703.3	1488.4	1126.9	805.1	493.0	280.1	138.8	51.3
270	1761.7	1804.8	1703.0	1488.0	1127.9	804.8	493.3	280.1	138.8	51.3
275	1761.7	1803.5	1703.0	1488.0	1127.2	804.8	493.0	280.1	138.7	51.3
280	1761.7	1804.5	1703.7	1488.4	1127.2	805.1	492.7	280.1	138.8	51.3
285	1761.7	1804.5	1702.7	1488.0	1127.9	804.4	493.3	280.4	138.8	51.3
290	1761.7	1803.8	1703.7	1488.4	1127.2	804.8	492.7	280.1	138.7	51.3
295	1761.7	1804.5	1703.7	1488.4	1127.2	805.1	493.0	280.4	138.7	51.4
300	1761.7	1803.8	1703.0	1488.0	1127.6	804.4	493.3	280.1	138.8	51.3
305	1761.7	1803.1	1703.3	1488.4	1127.6	804.8	493.0	280.4	138.8	51.3
310	1761.7	1804.2	1702.7	1488.7	1127.6	804.8	493.0	280.4	138.8	51.2
315	1761.7	1803.5	1703.0	1487.7	1127.6	804.4	493.0	280.1	138.8	51.3
320	1761.7	1803.5	1703.0	1488.0	1127.6	805.1	493.0	280.1	138.8	51.3
325	1761.7	1803.8	1703.3	1488.4	1127.6	804.8	493.0	280.1	138.8	51.3
330	1761.7	1803.5	1703.7	1488.0	1127.9	804.8	493.0	280.1	138.7	51.3
335	1761.7	1803.5	1703.3	1488.0	1127.2	805.1	493.0	280.1	138.7	51.3
340	1761.7	1803.8	1703.0	1488.0	1127.6	804.8	493.3	280.4	138.8	51.3
345	1761.7	1803.5	1703.0	1487.7	1126.9	804.8	493.0	280.4	138.8	51.3
350	1761.7	1803.5	1702.0	1488.7	1127.2	804.8	493.0	280.1	138.8	51.3
355	1761.7	1803.5	1703.3	1487.7	1127.6	804.8	493.0	280.4	138.8	51.4
360	1761.7	1808.8	1706.0	1490.1	1127.9	805.1	493.0	280.4	138.8	51.3

C\G	50	55	60	65	70	75	80	85	90
0	18.8	7.9	4.1	2.2	1.2	0.6	0.2	0.2	0.0
5	19.2	8.1	4.1	2.3	1.3	0.6	0.3	0.1	0.0
10	19.8	8.2	4.2	2.4	1.3	0.6	0.4	0.0	0.0
15	20.4	8.3	4.3	2.4	1.3	0.7	0.2	0.1	0.0
20	20.9	8.5	4.4	2.5	1.4	0.7	0.4	0.1	0.0
25	21.3	8.7	4.5	2.6	1.5	0.7	0.3	0.2	0.0
30	21.9	8.9	4.7	2.7	1.5	0.9	0.4	0.1	0.1
35	22.4	9.1	4.8	2.7	1.6	0.8	0.3	0.1	0.0
40	22.9	9.2	5.0	2.9	1.6	0.9	0.3	0.2	0.0
45	23.4	9.5	5.2	3.1	1.7	1.0	0.5	0.2	0.0
50	23.6	9.7	5.4	3.1	1.8	1.0	0.4	0.2	0.0
55	23.8	9.8	5.4	3.1	2.0	1.0	0.5	0.2	0.0
60	23.9	9.7	5.5	3.4	1.9	1.1	0.5	0.2	0.0
65	23.7	9.7	5.5	3.2	1.9	1.0	0.5	0.3	0.0
70	23.5	9.5	5.4	3.2	1.9	1.0	0.5	0.2	0.0
75	23.1	9.3	5.2	3.1	1.8	1.0	0.5	0.2	0.0
80	22.5	9.0	5.0	3.1	1.7	1.0	0.5	0.1	0.0
85	21.9	8.8	4.8	2.8	1.6	0.9	0.5	0.2	0.0
90	21.2	8.6	4.7	2.8	1.6	0.9	0.4	0.1	0.0
95	20.7	8.3	4.6	2.7	1.5	0.8	0.4	0.1	0.0
100	20.2	8.1	4.4	2.5	1.4	0.8	0.4	0.1	0.0

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

105	19.7	8.0	4.3	2.4	1.3	0.7	0.3	0.1	0.0
110	19.4	7.9	4.2	2.4	1.3	0.7	0.4	0.1	0.0
115	19.3	7.9	4.2	2.5	1.3	0.6	0.3	0.1	0.0
120	19.0	7.8	4.2	2.3	1.3	0.7	0.3	0.1	0.0
125	18.8	7.8	4.2	2.3	1.3	0.7	0.4	0.0	0.0
130	18.7	7.9	4.1	2.2	1.3	0.6	0.3	0.0	0.1
135	18.5	7.9	4.2	2.3	1.3	0.6	0.3	0.1	0.0
140	18.5	7.9	4.1	2.4	1.3	0.6	0.4	0.1	0.0
145	18.4	7.9	4.3	2.4	1.3	0.6	0.3	0.2	0.0
150	18.2	8.1	4.3	2.4	1.3	0.7	0.3	0.1	0.0
155	18.2	8.1	4.3	2.5	1.4	0.7	0.3	0.1	0.0
160	18.1	8.0	4.2	2.4	1.4	0.7	0.3	0.1	0.0
165	18.0	7.9	4.3	2.5	1.3	0.7	0.4	0.1	0.0
170	17.8	7.9	4.2	2.4	1.4	0.7	0.3	0.1	0.0
175	17.9	7.8	4.1	2.4	1.3	0.6	0.3	0.1	0.0
180	17.8	7.8	4.1	2.3	1.3	0.6	0.3	0.1	0.0
185	17.9	7.6	4.1	2.3	1.3	0.6	0.2	0.0	0.0
190	18.1	7.7	4.0	2.4	1.2	0.6	0.4	0.1	0.0
195	18.3	7.8	4.0	2.2	1.3	0.6	0.3	0.1	0.0
200	18.7	7.9	4.0	2.3	1.3	0.6	0.3	0.1	0.0
205	18.7	7.9	4.0	2.3	1.2	0.6	0.2	0.1	0.0
210	18.7	7.8	4.1	2.3	1.2	0.6	0.2	0.2	0.0
215	18.8	7.8	4.1	2.3	1.2	0.6	0.3	0.1	0.0
220	18.7	7.7	4.1	2.3	1.3	0.6	0.2	0.2	0.0
225	18.7	7.9	4.0	2.2	1.2	0.6	0.3	0.0	0.0
230	18.7	7.9	4.1	2.4	1.2	0.6	0.3	0.0	0.1
235	18.7	7.9	4.0	2.2	1.2	0.6	0.3	0.1	0.0
240	18.7	7.8	4.1	2.3	1.2	0.6	0.3	0.0	0.0
245	18.7	7.8	4.0	2.3	1.2	0.6	0.2	0.1	0.0
250	18.7	7.8	4.1	2.2	1.3	0.5	0.3	0.1	0.0
255	18.7	7.8	4.1	2.2	1.2	0.6	0.3	0.2	0.0
260	18.7	7.8	4.1	2.3	1.3	0.6	0.3	0.1	0.0
265	18.6	7.8	4.1	2.3	1.2	0.6	0.3	0.2	0.0
270	18.8	7.9	4.0	2.3	1.2	0.6	0.2	0.1	0.0
275	18.7	7.8	4.1	2.2	1.2	0.6	0.3	0.1	0.0
280	18.8	7.9	4.1	2.2	1.3	0.6	0.3	0.0	0.0
285	18.7	7.9	4.1	2.3	1.3	0.6	0.3	0.0	0.0
290	18.8	7.8	4.1	2.2	1.2	0.6	0.4	0.1	0.0
295	18.8	7.8	4.1	2.2	1.3	0.6	0.3	0.2	0.0
300	18.7	7.8	4.1	2.2	1.3	0.7	0.3	0.1	0.0
305	18.8	7.8	4.1	2.2	1.2	0.6	0.3	0.1	0.0
310	18.7	7.8	4.1	2.3	1.3	0.7	0.3	0.1	0.0
315	18.7	7.8	4.1	2.2	1.2	0.6	0.4	0.1	0.0
320	18.8	7.9	4.0	2.2	1.3	0.6	0.2	0.1	0.0
325	18.8	7.9	4.1	2.3	1.3	0.6	0.3	0.2	0.0
330	18.8	7.8	4.2	2.2	1.3	0.6	0.2	0.1	0.0
335	18.8	7.8	4.1	2.3	1.2	0.7	0.3	0.1	0.0
340	18.7	7.9	4.1	2.2	1.2	0.7	0.3	0.1	0.0
345	18.7	7.8	4.0	2.3	1.2	0.6	0.3	0.1	0.0

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

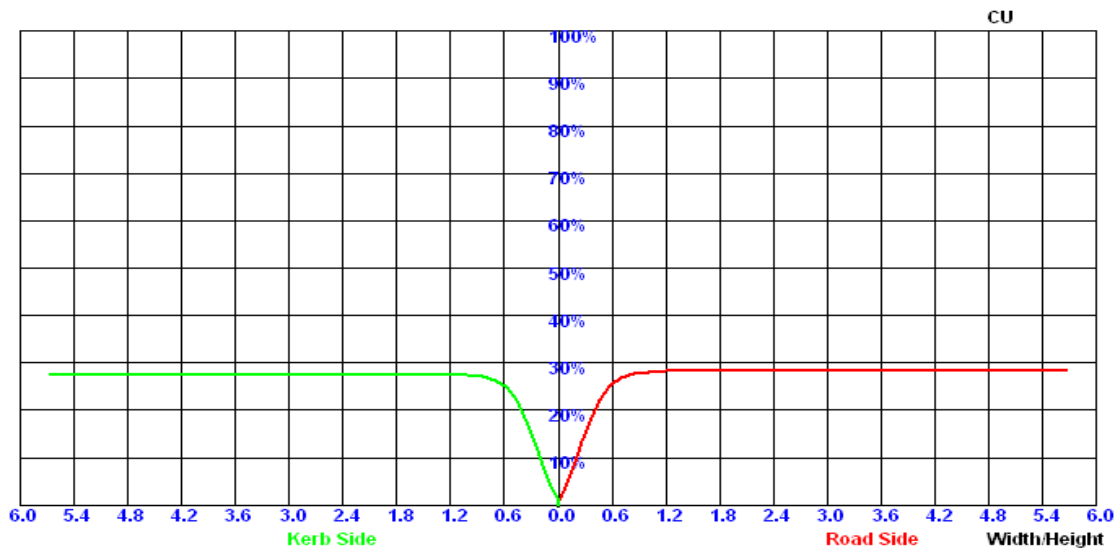
350	18.7	7.8	4.1	2.2	1.3	0.6	0.3	0.1	0.0
355	18.8	7.9	4.1	2.3	1.2	0.6	0.3	0.1	0.0
360	18.8	7.9	4.1	2.2	1.2	0.6	0.2	0.2	0.0

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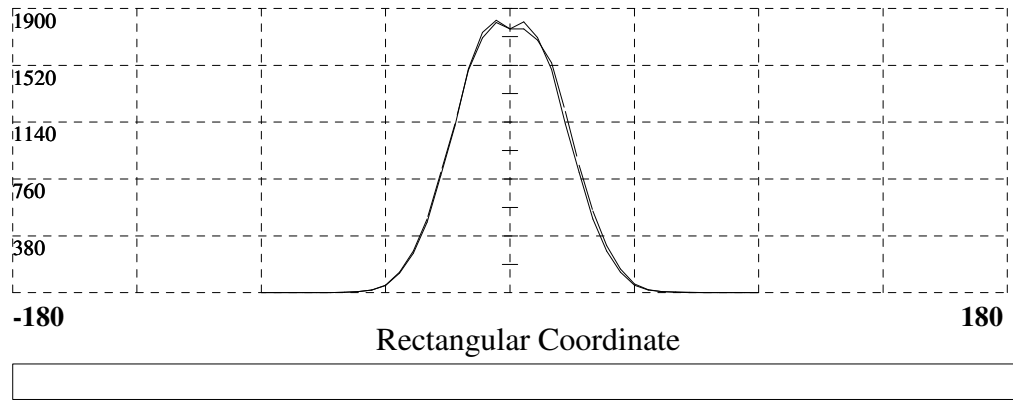
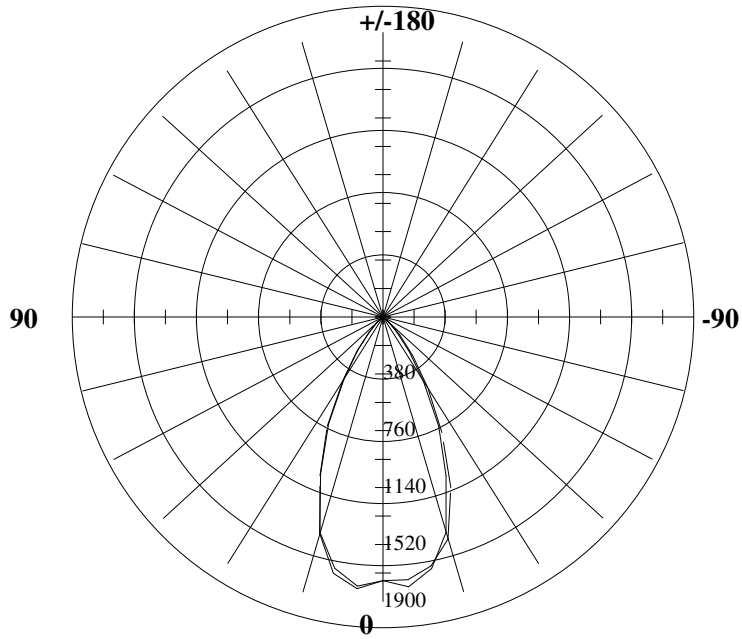
Zonal FluxRLH-6003-UDM-2649-40

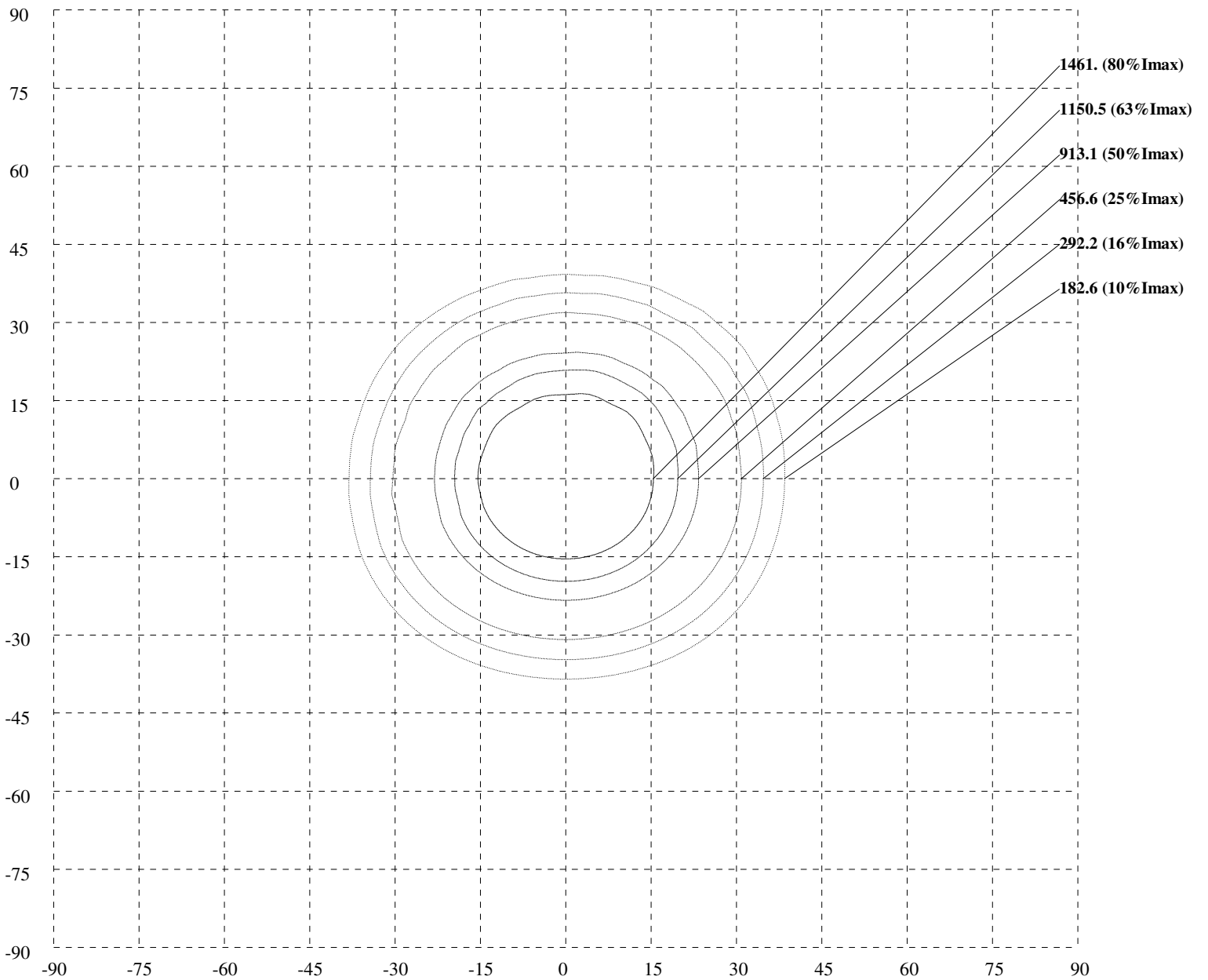
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1761.73	0.00	0.00	0.00	0.00
5	1797.41	42.55	42.55	2.13	2.13
10	1707.49	125.38	167.93	6.27	8.40
15	1510.34	190.88	358.81	9.54	17.94
20	1152.52	219.46	578.27	10.97	28.91
25	820.23	206.91	785.17	10.35	39.26
30	502.15	167.35	952.52	8.37	47.63
35	287.32	116.25	1068.78	5.81	53.44
40	143.67	71.91	1140.68	3.60	57.03
45	53.70	36.54	1177.23	1.83	58.86
50	19.56	14.80	1192.03	0.74	59.60
55	8.17	6.03	1198.06	0.30	59.90
60	4.33	2.89	1200.95	0.14	60.05
65	2.45	1.65	1202.59	0.08	60.13
70	1.37	0.97	1203.56	0.05	60.18
75	0.70	0.54	1204.10	0.03	60.21
80	0.33	0.27	1204.38	0.01	60.22
85	0.11	0.12	1204.50	0.01	60.22
90	0.01	0.03	1204.53	0.00	60.23

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Coefficient Utilization Curve RLH-6003-UDM-2649-40

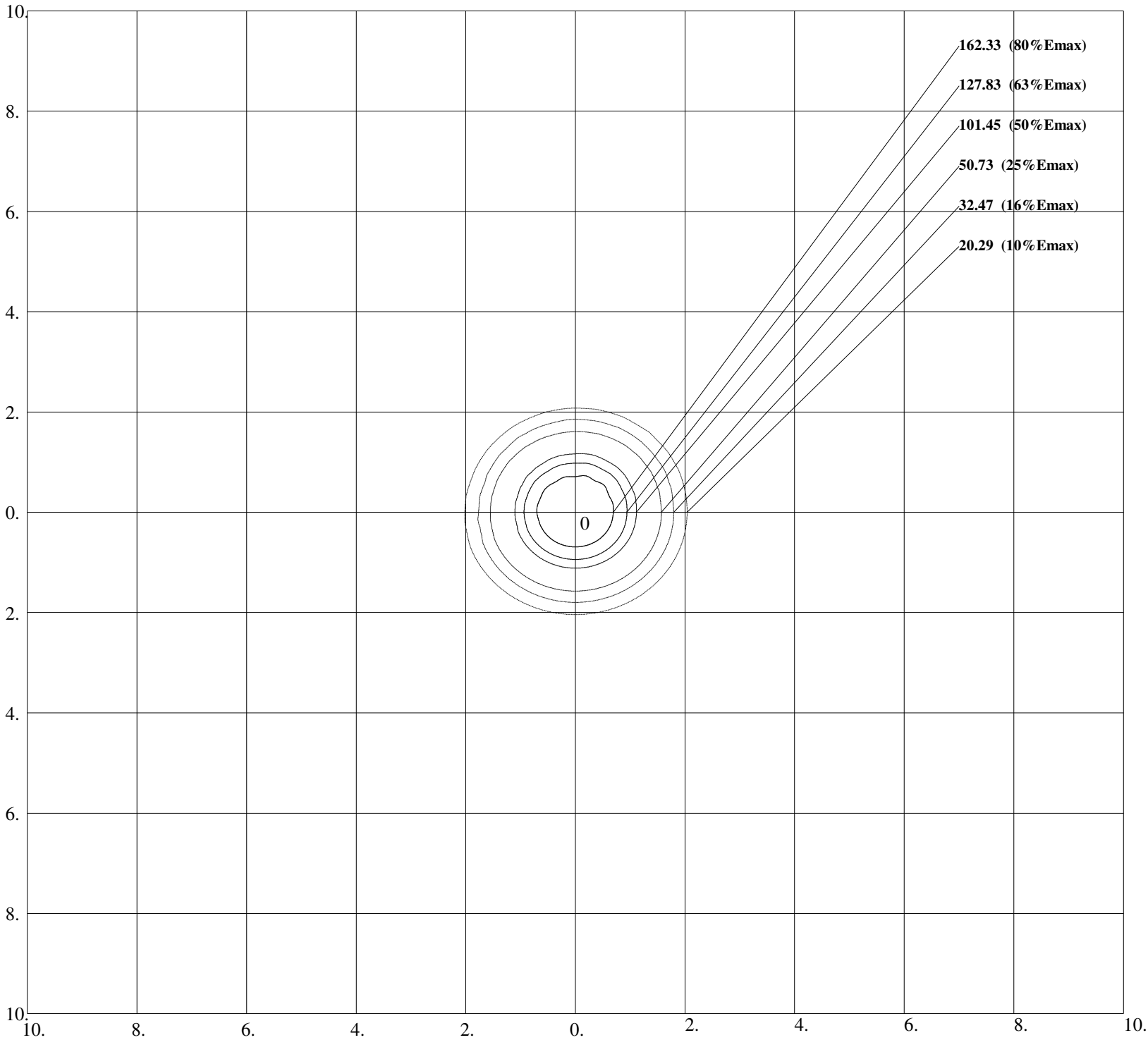


Light Distribution Curve[Unit: cd]





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



Units: lx
Height: 3 m
Max Illuminance : 202.91lx

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Lux-Distance Curve

