

**Test Report of Luminaire**

**Report No.:**

Luminaire Type	RLH-8003-UDM-2648-30		
Lamp Type	LUMILEDS 26W		
Client		EUT NO.	

**Luminaire Parameters:**

Voltage	120.3	Current	0.204
Power:	24.1	Power Factor	0.982
Frequency:	60Hz	Tc	3000K

**Photometric Parameters**

Luminaire Flux	1099.01 lm	Luminaire Eff.	54.95%
Max Intensity	1653.944cd	Central Intensity	1567.457cd
Angle of Max Intensity:	C:55 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	54.95%		
50%Imax Beam Width	C0_180[ 24.3 ,-24.2] C90_270[ 24.0 ,-24.3]		
Remark			

**Luminaire Figure**



# JESCO LIGHTING

## Photometric Data Table [Unit:cd] RLH-8003-UDM-2648-30

C\G	0	5	10	15	20	25	30	35	40	45
0	1567.5	1633.2	1516.8	1405.6	1079.2	788.1	485.0	262.4	121.2	36.4
5	1567.5	1640.6	1523.8	1412.9	1088.5	779.7	487.7	262.4	122.9	36.2
10	1567.5	1647.3	1529.4	1421.6	1100.2	782.4	480.7	256.4	117.8	35.4
15	1567.5	1651.9	1530.8	1425.6	1106.2	782.4	475.7	251.3	113.7	34.6
20	1567.5	1650.6	1529.1	1429.3	1110.9	775.4	480.7	257.0	118.0	35.5
25	1567.5	1646.9	1522.1	1427.6	1113.5	771.4	472.0	251.3	114.0	35.7
30	1567.5	1641.9	1516.8	1423.6	1111.5	762.0	468.3	252.0	114.6	36.0
35	1567.5	1638.9	1512.7	1423.0	1106.2	757.4	478.7	258.0	121.9	37.3
40	1567.5	1640.3	1511.7	1421.3	1103.5	755.0	467.6	250.7	116.7	37.0
45	1567.5	1644.9	1516.1	1421.0	1101.2	749.4	462.0	252.7	118.4	37.4
50	1567.5	1650.3	1520.4	1418.3	1102.5	744.7	468.3	259.0	123.8	38.5
55	1567.5	1653.9	1517.8	1408.6	1097.8	742.7	463.0	254.0	119.8	39.0
60	1567.5	1650.9	1510.1	1397.3	1093.8	743.0	466.0	258.0	123.1	40.6
65	1567.5	1641.3	1500.1	1381.2	1090.5	742.0	476.0	266.7	129.0	42.9
70	1567.5	1629.9	1489.4	1366.5	1088.2	745.4	473.3	269.4	129.2	43.8
75	1567.5	1617.9	1483.4	1354.5	1089.8	749.0	474.3	273.0	133.3	45.8
80	1567.5	1608.5	1481.7	1346.5	1093.8	752.0	475.7	268.7	135.0	48.2
85	1567.5	1602.2	1481.4	1341.2	1096.8	759.0	475.0	270.0	138.2	48.4
90	1567.5	1595.2	1483.4	1337.2	1095.5	762.4	473.7	269.4	139.0	50.2
95	1567.5	1588.9	1482.7	1330.5	1089.2	767.1	472.0	270.4	138.9	51.5
100	1567.5	1579.8	1477.4	1323.5	1075.5	768.1	475.0	279.7	146.5	51.2
105	1567.5	1570.5	1473.0	1318.8	1064.8	771.1	470.3	273.7	141.0	52.3
110	1567.5	1563.8	1470.7	1314.8	1056.8	772.1	472.0	275.7	142.4	51.7
115	1567.5	1560.1	1472.0	1316.1	1048.1	772.4	476.0	272.7	141.9	51.1
120	1567.5	1557.5	1474.4	1319.1	1044.4	776.4	472.7	264.7	135.1	51.6
125	1567.5	1555.5	1474.7	1321.2	1039.8	773.7	475.7	269.7	139.1	49.6
130	1567.5	1553.5	1472.7	1322.8	1030.4	769.7	472.3	270.0	137.6	49.0
135	1567.5	1554.1	1471.4	1322.8	1021.4	765.7	469.6	268.4	134.7	49.4
140	1567.5	1557.5	1469.0	1323.8	1019.1	760.4	473.3	273.4	138.5	47.4
145	1567.5	1561.8	1469.4	1329.5	1019.4	763.7	473.3	267.7	136.2	46.7
150	1567.5	1566.8	1472.4	1335.5	1019.7	770.7	472.0	263.0	132.6	47.1
155	1567.5	1572.5	1475.4	1339.5	1019.7	770.4	479.3	269.4	135.3	45.4
160	1567.5	1577.5	1481.7	1342.2	1022.4	774.1	480.7	271.4	134.6	45.4
165	1567.5	1582.5	1488.0	1346.9	1025.4	776.7	482.3	275.0	134.3	45.4
170	1567.5	1588.2	1493.7	1355.2	1030.1	779.4	487.7	283.4	137.1	43.5
175	1567.5	1595.2	1500.7	1364.9	1036.1	784.4	487.0	279.4	133.7	43.5
180	1567.5	1603.5	1507.1	1374.6	1043.4	787.8	491.0	274.4	131.7	42.2
185	1567.5	1611.6	1509.7	1385.6	1052.4	790.8	491.3	267.7	128.2	40.6
190	1567.5	1618.9	1510.7	1394.6	1064.1	788.4	487.0	264.0	127.0	39.7
195	1567.5	1626.2	1513.1	1400.9	1071.8	788.1	486.0	263.7	124.2	37.9
200	1567.5	1632.2	1516.1	1405.9	1078.5	788.1	485.0	262.4	121.1	36.4
205	1567.5	1632.2	1517.1	1405.9	1078.8	788.1	485.0	262.0	121.2	36.4
210	1567.5	1632.6	1516.4	1405.9	1078.5	787.8	485.0	262.4	121.2	36.4
215	1567.5	1632.2	1516.1	1405.9	1078.5	787.8	485.0	262.0	121.2	36.4
220	1567.5	1631.9	1516.8	1405.9	1079.2	788.1	485.0	262.4	121.2	36.4
225	1567.5	1632.6	1516.4	1406.3	1078.5	788.1	485.0	262.4	121.2	36.3
230	1567.5	1632.2	1516.8	1406.3	1078.8	788.4	484.7	262.0	121.2	36.4
235	1567.5	1632.2	1517.1	1405.6	1078.8	787.8	485.0	262.4	121.3	36.4

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## Photometric Data Table [Unit:cd] RLH-8003-UDM-2648-30

240	1567.5	1632.2	1516.4	1405.9	1078.8	788.1	485.0	262.4	121.2	36.5
245	1567.5	1631.6	1516.8	1405.9	1079.2	788.1	485.0	262.4	121.1	36.4
250	1567.5	1632.2	1516.8	1405.6	1078.8	787.8	485.0	262.4	121.3	36.4
255	1567.5	1632.6	1516.4	1406.3	1078.8	788.1	485.0	262.4	121.2	36.4
260	1567.5	1631.9	1516.8	1405.9	1079.2	788.4	485.0	262.4	121.1	36.4
265	1567.5	1632.2	1516.8	1405.3	1078.8	788.1	485.0	262.4	121.3	36.4
270	1567.5	1632.6	1516.4	1405.9	1078.8	788.4	485.0	262.4	121.2	36.4
275	1567.5	1631.6	1516.8	1405.9	1079.2	788.4	485.0	262.4	121.2	36.4
280	1567.5	1632.2	1516.8	1405.9	1078.8	788.1	485.0	262.4	121.2	36.5
285	1567.5	1631.9	1516.4	1406.3	1078.8	788.1	485.0	262.4	121.3	36.3
290	1567.5	1631.9	1516.8	1405.9	1078.8	788.1	485.0	262.4	121.2	36.4
295	1567.5	1632.2	1516.8	1405.9	1078.5	788.1	485.0	262.4	121.3	36.4
300	1567.5	1631.9	1516.4	1406.3	1078.8	788.1	485.0	262.4	121.2	36.4
305	1567.5	1631.9	1517.1	1405.6	1079.2	788.1	485.0	262.4	121.2	36.5
310	1567.5	1632.2	1516.8	1405.9	1078.8	788.1	485.3	262.4	121.3	36.4
315	1567.5	1631.9	1516.8	1405.9	1079.2	788.4	485.0	262.4	121.3	36.5
320	1567.5	1631.6	1517.1	1405.6	1079.2	788.4	484.7	262.4	121.2	36.5
325	1567.5	1632.2	1516.4	1405.9	1078.8	788.4	485.0	262.4	121.2	36.4
330	1567.5	1631.2	1516.8	1405.9	1079.2	788.4	485.0	262.4	121.3	36.5
335	1567.5	1631.9	1517.1	1405.3	1079.2	788.1	485.0	262.4	121.3	36.4
340	1567.5	1631.9	1516.4	1405.9	1078.8	788.1	485.3	262.4	121.3	36.4
345	1567.5	1631.6	1516.8	1406.3	1079.2	788.1	485.0	262.4	121.3	36.5
350	1567.5	1631.9	1517.1	1405.6	1078.8	788.1	485.0	262.4	121.3	36.5
355	1567.5	1631.9	1516.4	1406.3	1078.8	788.1	485.3	262.4	121.3	36.5
360	1567.5	1633.2	1516.8	1405.6	1079.2	788.1	485.0	262.4	121.2	36.4

C\G	50	55	60	65	70	75	80	85	90
0	7.5	4.1	2.4	1.4	0.7	0.4	0.2	0.1	0.0
5	7.5	4.1	2.3	1.4	0.7	0.4	0.2	0.1	0.0
10	7.6	4.1	2.5	1.4	0.8	0.4	0.1	0.0	0.0
15	7.8	4.4	2.5	1.4	0.7	0.5	0.2	0.1	0.0
20	8.0	4.4	2.6	1.5	0.9	0.5	0.2	0.1	0.0
25	8.3	4.6	2.7	1.5	0.9	0.5	0.3	0.1	0.1
30	8.5	4.7	2.9	1.6	0.9	0.5	0.3	0.1	0.0
35	8.7	4.9	2.9	1.7	0.9	0.6	0.3	0.2	0.0
40	9.1	5.0	3.0	1.8	1.0	0.5	0.4	0.2	0.0
45	9.2	5.1	3.1	1.8	1.1	0.6	0.4	0.1	0.0
50	9.3	5.2	3.1	1.9	1.0	0.6	0.3	0.1	0.0
55	9.5	5.2	3.1	1.9	1.1	0.6	0.4	0.1	0.1
60	9.5	5.3	3.1	1.8	1.1	0.6	0.3	0.1	0.0
65	9.5	5.2	3.1	1.8	1.0	0.6	0.3	0.1	0.0
70	9.4	5.1	3.0	1.8	0.9	0.5	0.3	0.2	0.1
75	9.4	5.1	3.0	1.8	0.9	0.5	0.3	0.1	0.1
80	9.4	5.1	2.9	1.7	0.9	0.5	0.3	0.2	0.1
85	9.4	5.1	2.9	1.8	0.9	0.6	0.3	0.1	0.0
90	9.4	4.9	2.9	1.7	1.0	0.6	0.3	0.1	0.0
95	9.4	4.9	2.8	1.7	0.9	0.5	0.2	0.2	0.0
100	9.4	4.9	2.8	1.6	0.9	0.5	0.2	0.1	0.1

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## Photometric Data Table [Unit:cd] RLH-8003-UDM-2648-30

105	9.3	4.9	2.8	1.7	1.0	0.6	0.3	0.0	0.0
110	9.2	4.9	2.8	1.6	1.0	0.6	0.3	0.2	0.0
115	9.3	4.9	2.9	1.7	1.0	0.6	0.3	0.1	0.0
120	9.2	4.9	2.8	1.7	0.9	0.5	0.3	0.2	0.0
125	9.2	4.9	2.9	1.7	1.0	0.6	0.4	0.1	0.1
130	9.1	5.0	2.9	1.8	0.9	0.6	0.3	0.1	0.0
135	9.1	5.0	3.0	1.8	1.0	0.6	0.4	0.1	0.0
140	9.1	4.9	2.9	1.8	1.0	0.6	0.3	0.1	0.0
145	8.8	4.9	2.9	1.8	1.0	0.5	0.3	0.0	0.0
150	8.8	4.8	2.8	1.7	1.0	0.5	0.3	0.2	0.0
155	8.6	4.7	2.8	1.7	0.9	0.6	0.2	0.1	0.0
160	8.4	4.6	2.6	1.6	0.9	0.5	0.2	0.1	0.0
165	8.1	4.5	2.5	1.5	0.8	0.5	0.3	0.0	0.0
170	8.0	4.3	2.5	1.4	0.7	0.5	0.2	0.1	0.1
175	7.8	4.2	2.4	1.4	0.9	0.4	0.2	0.1	0.0
180	7.7	4.1	2.4	1.3	0.7	0.5	0.2	0.1	0.0
185	7.5	4.1	2.2	1.4	0.8	0.4	0.2	0.0	0.0
190	7.4	4.1	2.3	1.4	0.7	0.4	0.3	0.1	0.0
195	7.4	4.0	2.3	1.3	0.6	0.4	0.2	0.0	0.0
200	7.4	4.0	2.4	1.4	0.7	0.5	0.2	0.1	0.0
205	7.4	4.1	2.4	1.4	0.7	0.5	0.2	0.0	0.0
210	7.4	4.0	2.4	1.4	0.8	0.4	0.2	0.1	0.0
215	7.5	4.1	2.3	1.4	0.7	0.4	0.3	0.1	0.0
220	7.5	4.1	2.4	1.3	0.7	0.4	0.2	0.1	0.0
225	7.4	4.0	2.3	1.3	0.7	0.4	0.2	0.0	0.0
230	7.4	4.1	2.4	1.4	0.8	0.4	0.3	0.1	0.0
235	7.5	4.1	2.4	1.3	0.7	0.4	0.2	0.1	0.0
240	7.4	4.1	2.4	1.3	0.8	0.4	0.2	0.2	0.0
245	7.5	4.0	2.3	1.3	0.7	0.5	0.3	0.1	0.0
250	7.5	4.1	2.3	1.3	0.7	0.5	0.2	0.1	0.0
255	7.5	4.1	2.3	1.3	0.8	0.4	0.2	0.1	0.0
260	7.5	4.1	2.4	1.4	0.7	0.4	0.2	0.1	0.0
265	7.4	4.0	2.4	1.3	0.8	0.5	0.2	0.1	0.1
270	7.5	4.1	2.3	1.4	0.7	0.4	0.2	0.0	0.0
275	7.5	4.0	2.3	1.3	0.7	0.4	0.2	0.0	0.0
280	7.5	4.1	2.4	1.4	0.7	0.5	0.2	0.0	0.1
285	7.5	4.1	2.4	1.3	0.7	0.5	0.2	0.1	0.0
290	7.4	4.0	2.3	1.4	0.7	0.4	0.2	0.0	0.0
295	7.5	4.1	2.3	1.4	0.7	0.3	0.3	0.1	0.0
300	7.4	4.0	2.4	1.3	0.7	0.4	0.2	0.1	0.0
305	7.4	4.1	2.3	1.3	0.7	0.4	0.3	0.0	0.0
310	7.5	4.0	2.3	1.3	0.7	0.4	0.3	0.2	0.1
315	7.4	4.0	2.3	1.3	0.7	0.4	0.2	0.0	0.1
320	7.5	4.1	2.4	1.4	0.7	0.4	0.2	0.0	0.0
325	7.5	4.1	2.4	1.3	0.7	0.5	0.2	0.1	0.0
330	7.5	4.0	2.3	1.4	0.8	0.4	0.2	0.1	0.0
335	7.5	4.1	2.3	1.4	0.7	0.4	0.2	0.1	0.1
340	7.4	4.0	2.3	1.4	0.7	0.4	0.2	0.1	0.0
345	7.5	4.0	2.3	1.5	0.7	0.5	0.2	0.0	0.0

# **JESCO LIGHTING**

## **Photometric Data Table [Unit:cd] RLH-8003-UDM-2648-30**

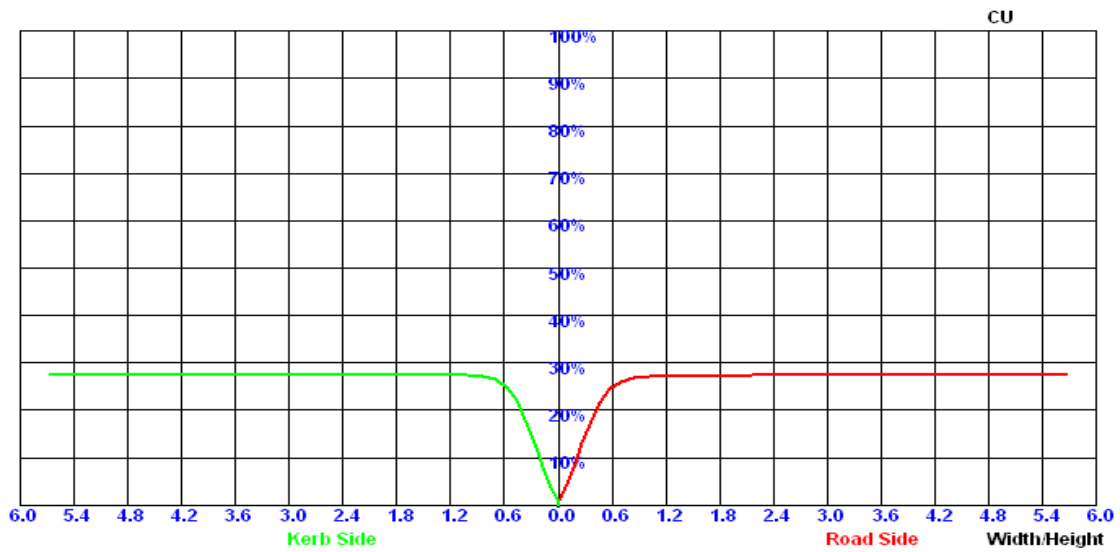
<b>350</b>	7.5	4.0	2.3	1.3	0.8	0.4	0.2	0.1	0.0
<b>355</b>	7.4	4.1	2.4	1.3	0.7	0.4	0.2	0.1	0.0
<b>360</b>	7.5	4.1	2.4	1.4	0.7	0.4	0.2	0.1	0.0

# JESCO LIGHTING

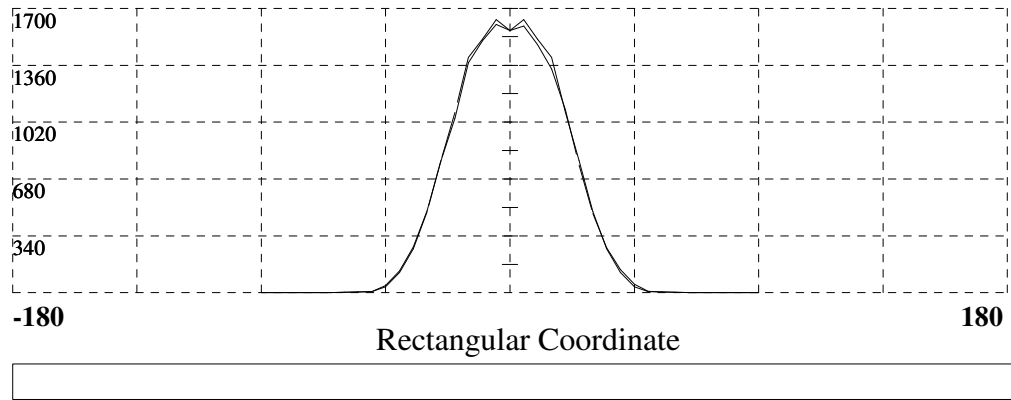
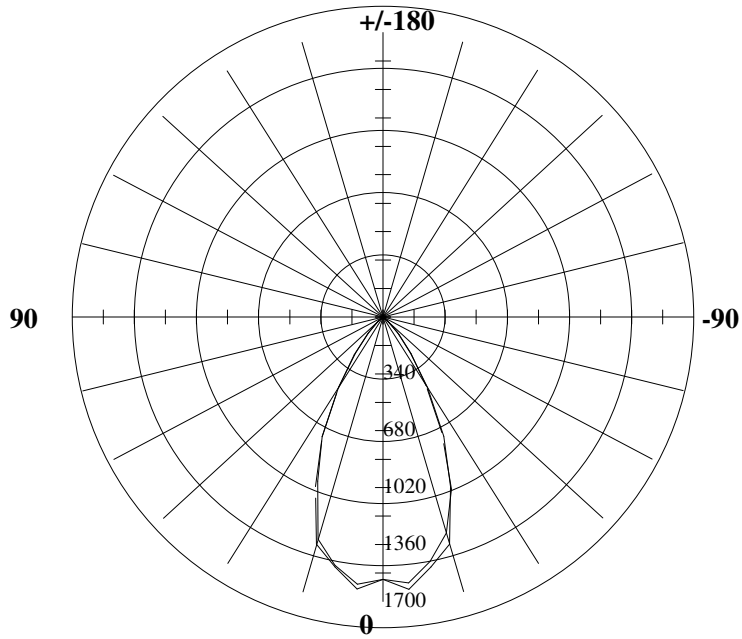
## Zonal FluxRLH-8003-UDM-2648-30

<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	1567.46	0.00	0.00	0.00	0.00
5	1617.48	38.08	38.08	1.90	1.90
10	1505.14	111.71	149.78	5.59	7.49
15	1385.21	171.45	321.24	8.57	16.06
20	1073.44	202.63	523.86	10.13	26.19
25	776.87	194.06	717.93	9.70	35.90
30	480.14	159.08	877.00	7.95	43.85
35	264.37	109.63	986.64	5.48	49.33
40	126.10	65.15	1051.78	3.26	52.59
45	40.37	30.82	1082.61	1.54	54.13
50	8.15	9.80	1092.41	0.49	54.62
55	4.43	2.74	1095.15	0.14	54.76
60	2.58	1.62	1096.77	0.08	54.84
65	1.51	0.99	1097.76	0.05	54.89
70	0.83	0.59	1098.35	0.03	54.92
75	0.48	0.34	1098.69	0.02	54.93
80	0.25	0.20	1098.89	0.01	54.94
85	0.09	0.09	1098.98	0.00	54.95
90	0.02	0.03	1099.01	0.00	54.95

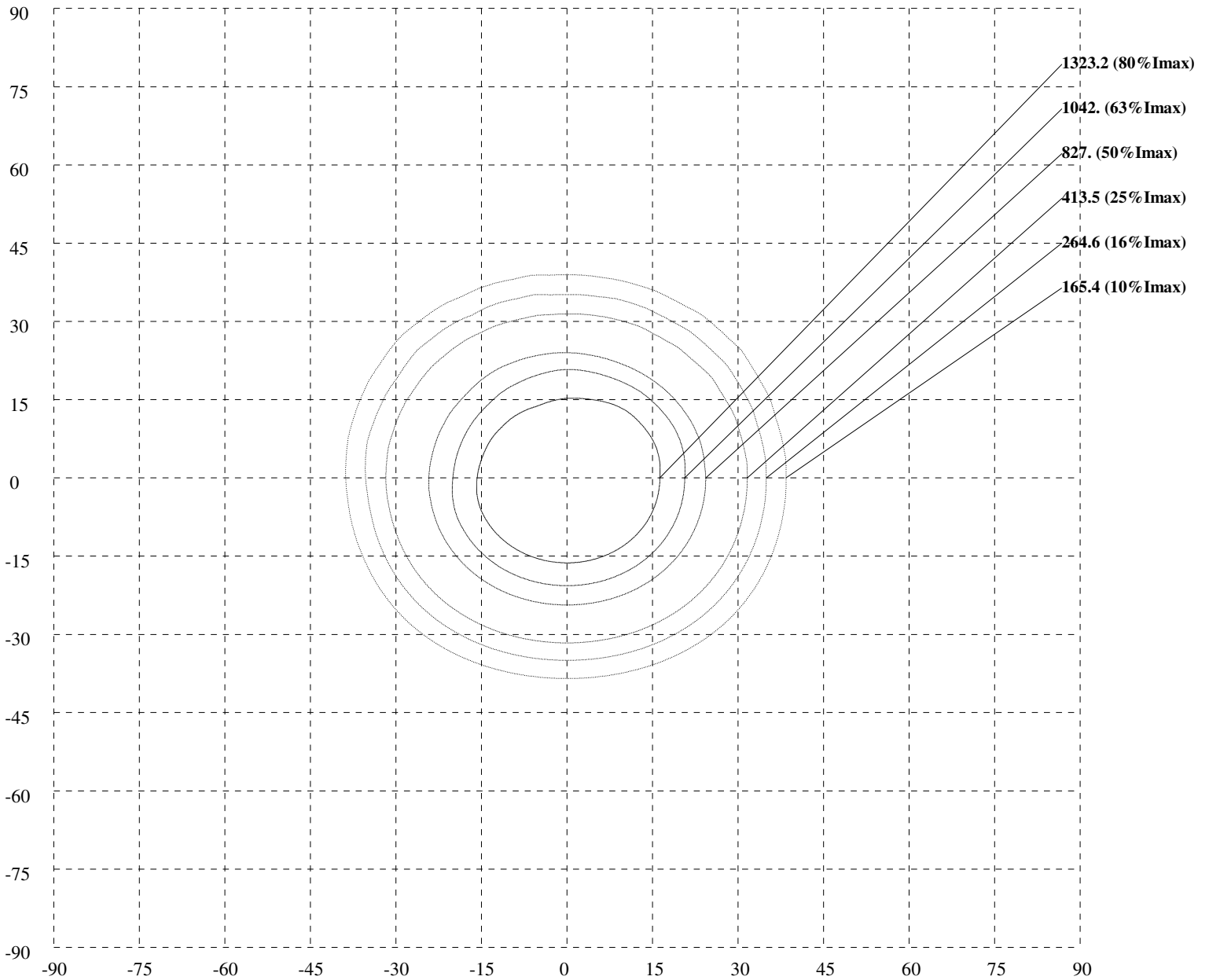
**JESCO LIGHTING**  
**Coefficient Utilization Curve RLH-8003-UDM-2648-30**



Light Distribution Curve[Unit: cd]

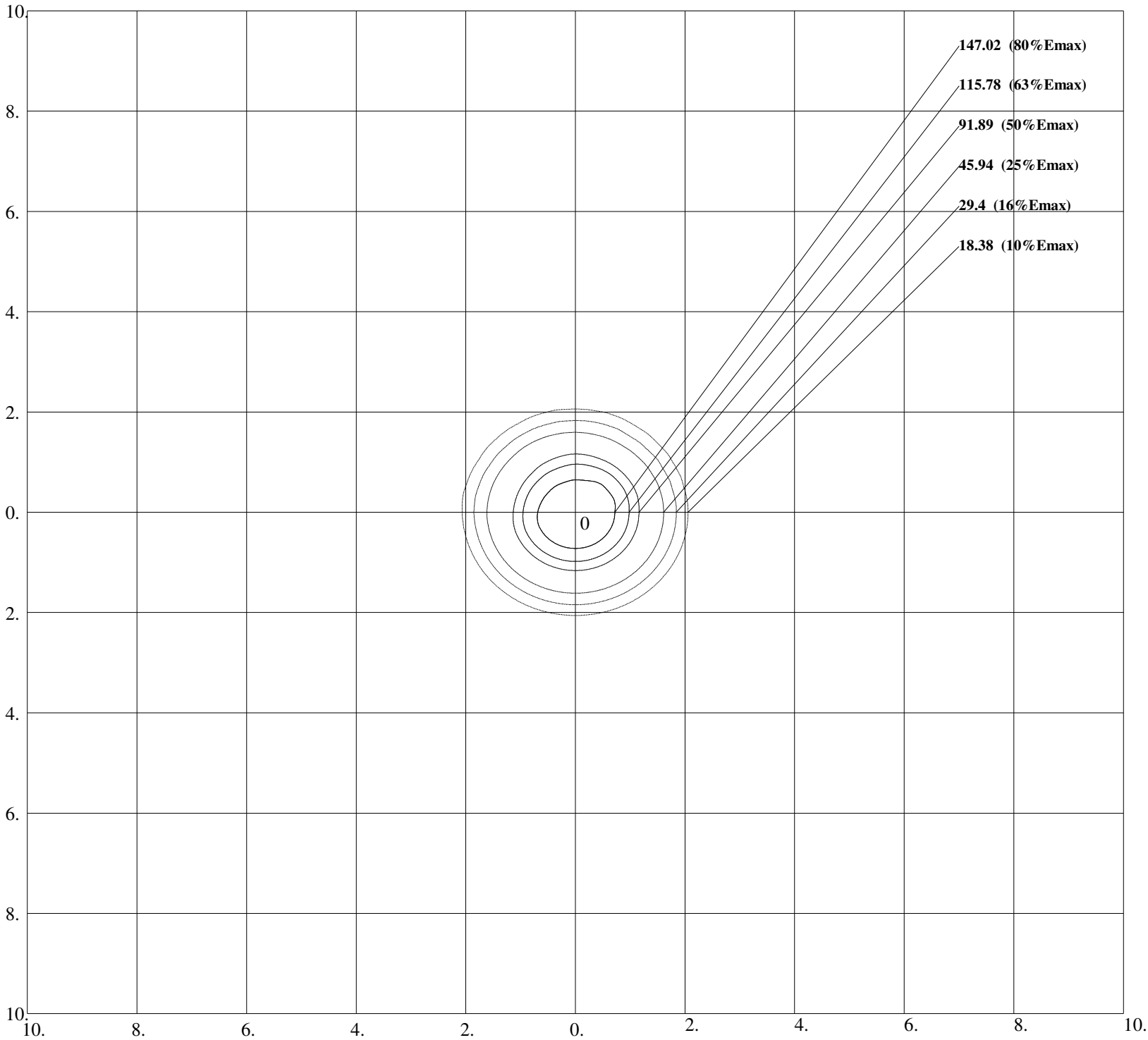






# JESCO LIGHTING

## Iso-Lux [Unit :lx]RLH-8003-UDM-2648-30



Units: lx  
Height: 3 m  
Max Illuminance : 183.77lx

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

