

Distribution Photometry Report

Report Number:

Date: 21-11-2008

Catalog Number:

Description:

Well-Lux 1245N WW

220V

Test Distance: 10.435m

Test Electrical Parameters: Voltage: 220 V AC, Current: 0.30 A, Power: 62

Filename:

Well-Lux 1245N WW.Imp.rep

Total Uncertainties of Measurement:

(As estimated at the 95% confidence interval)

Luminous Intensity	+/- 4%
Angle	+/- 0.1
Voltage	+/- 0.05%
Current	+/- 0.05%

Test Officer: _____

KDKIM

_____/_____/_____

Approved Signatory: _____

_____/_____/_____

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Luminaire Details

Luminaire Test Details:

Photometry Type: *Type C/Gamma*

Number of Lamps: *1*

Lumens per Lamp: *3445*

Luminous Dimensions:

Base Area: *N/A*

Side Area: *N/A*

End Area: *N/A*

Luminous Shape: *Point*

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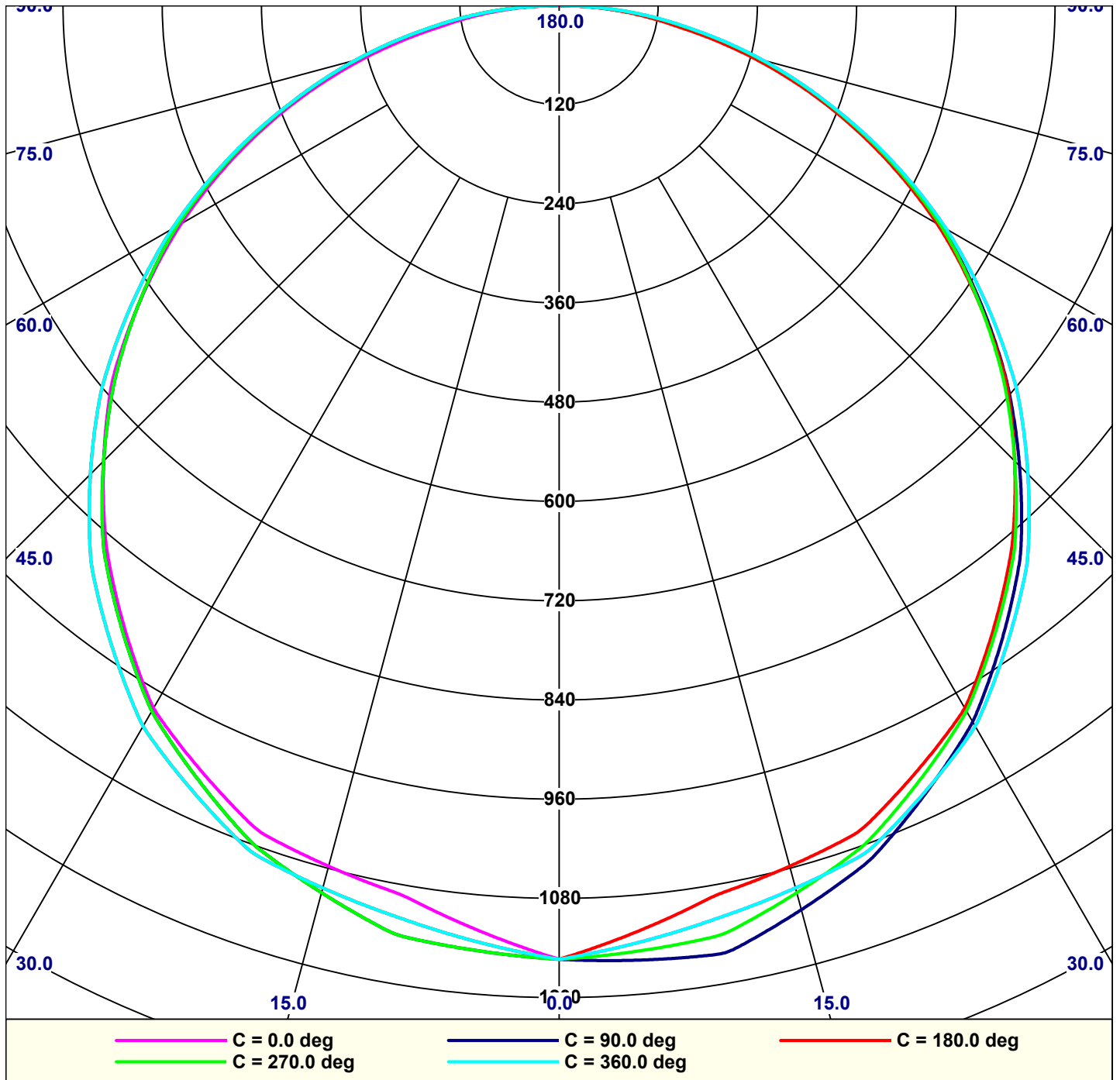
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Luminous Intensity Distribution



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Luminous Intensity Table (cd)

$\gamma \setminus C$	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0
0.0	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
10.0	1120	1130	1140	1150	1160	1160	1160	1160	1160	1160	1160	1160	1150
20.0	1090	1090	1100	1100	1100	1100	1100	1110	1100	1100	1100	1090	1090
30.0	1010	1010	1010	1010	1010	1010	1010	1000	1000	1000	1000	991	993
40.0	881	882	885	879	883	871	873	870	872	868	869	867	861
50.0	722	713	727	720	725	710	713	719	711	706	717	709	711
60.0	541	541	545	538	543	538	542	536	528	534	524	527	531
70.0	347	347	351	344	349	344	348	342	346	340	342	334	326
80.0	163	159	162	155	151	156	149	155	158	153	155	149	152
90.0	2.6	3.3	2.4	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4

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Luminous Intensity Table (cd) (Continued)

$\gamma \setminus C$	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0
0.0	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
10.0	1150	1140	1120	1110	1100	1090	1100	1110	1120	1130	1130	1140	1140
20.0	1080	1080	1070	1070	1060	1060	1060	1070	1070	1080	1080	1080	1080
30.0	985	985	986	983	984	982	986	982	980	986	986	985	982
40.0	862	854	858	854	856	852	850	862	851	859	859	858	854
50.0	694	704	690	696	690	705	693	707	695	705	704	703	699
60.0	523	524	520	517	521	528	525	530	517	528	528	537	531
70.0	332	322	330	326	330	338	336	341	339	339	339	349	343
80.0	148	149	147	154	147	144	152	147	155	156	156	164	161
90.0	2.4	1.6	1.6	1.6	1.6	1.6	2.4	2.4	1.6	1.6	2.4	2.8	4.1

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Luminous Intensity Table (cd) (Continued)

$\gamma \setminus C$	260.0	270.0	280.0	290.0	300.0	310.0	320.0	330.0	340.0	350.0	360.0
0.0	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
10.0	1140	1140	1140	1150	1160	1160	1150	1140	1130	1120	1120
20.0	1080	1080	1080	1090	1100	1090	1100	1090	1090	1090	1090
30.0	985	986	990	996	1000	1000	1000	1000	1000	1010	1010
40.0	867	857	872	866	872	874	871	875	881	878	881
50.0	704	701	718	708	724	717	722	716	723	720	722
60.0	526	534	541	538	545	537	542	535	542	528	541
70.0	350	345	340	347	353	345	337	342	349	345	347
80.0	165	162	166	162	166	159	162	155	160	157	163
90.0	4.8	5.8	6.7	7.2	6.9	6.7	5.5	4.6	3.8	3.1	2.6

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Luminous Flux Table

Elevation	Cone	Lumens	Cumulative	Lamp %	Luminaire %
0 deg	0.00 - 5.00	27.6	27.6	0.8	0.8
10 deg	5.00 - 15.00	216.6	244.2	7.1	7.1
20 deg	15.00 - 25.00	407.2	651.4	18.9	19.0
30 deg	25.00 - 35.00	544.7	1196.1	34.7	34.9
40 deg	35.00 - 45.00	610.2	1806.3	52.4	52.7
50 deg	45.00 - 55.00	595.3	2401.6	69.7	70.1
60 deg	55.00 - 65.00	505.0	2906.5	84.4	84.8
70 deg	65.00 - 75.00	351.0	3257.5	94.6	95.0
80 deg	75.00 - 85.00	168.1	3425.6	99.4	100.0
90 deg	85.00 - 90.00	1.7	3427.3	99.5	100.0

Light Output Ratio = 99.5% (DLOR = 99.5% , ULOR = 0.0%)

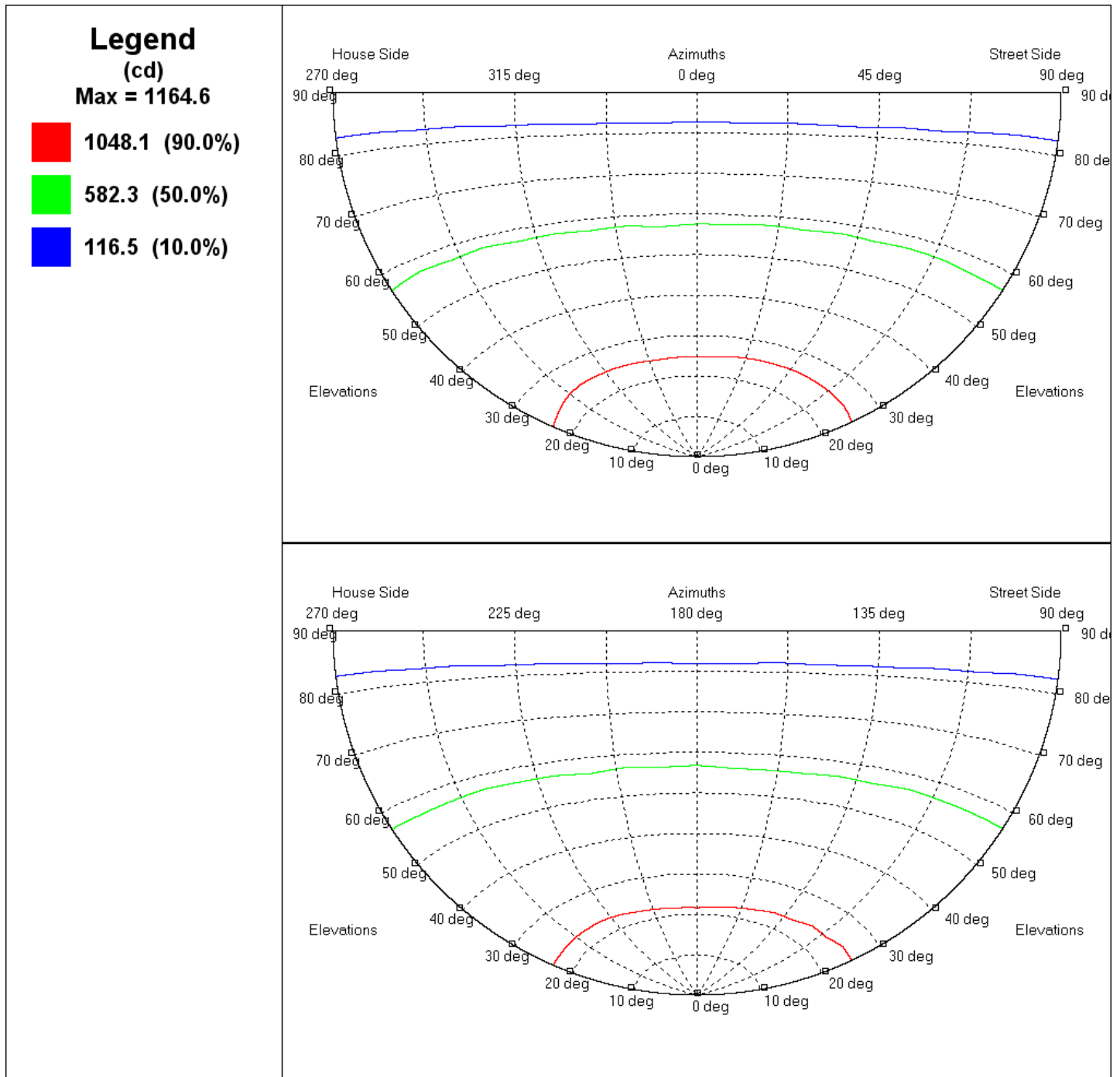
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IsoCandela Diagram



All luminous intensity values in cd

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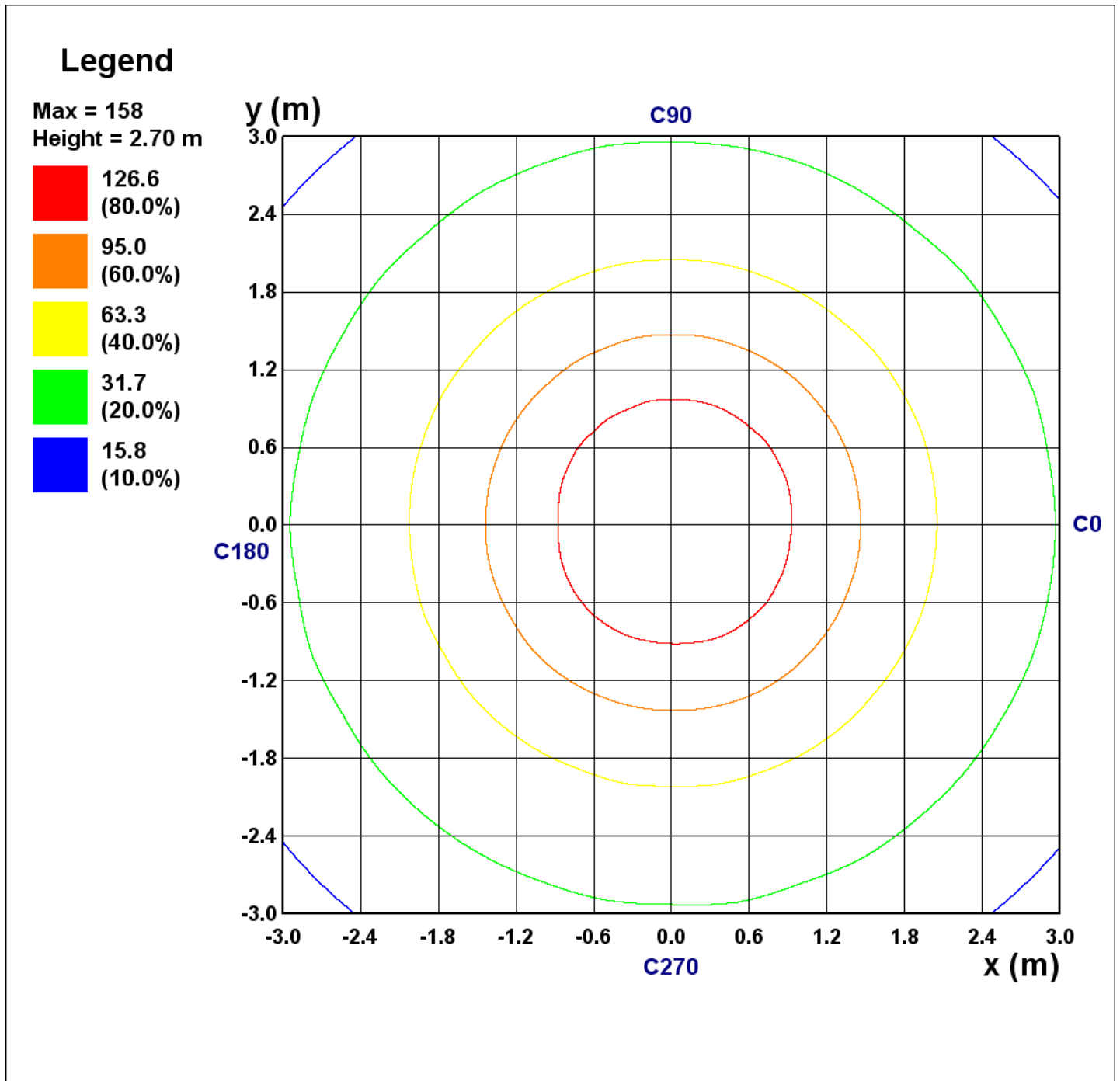
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IsoLux Diagram



All illuminance values in lx

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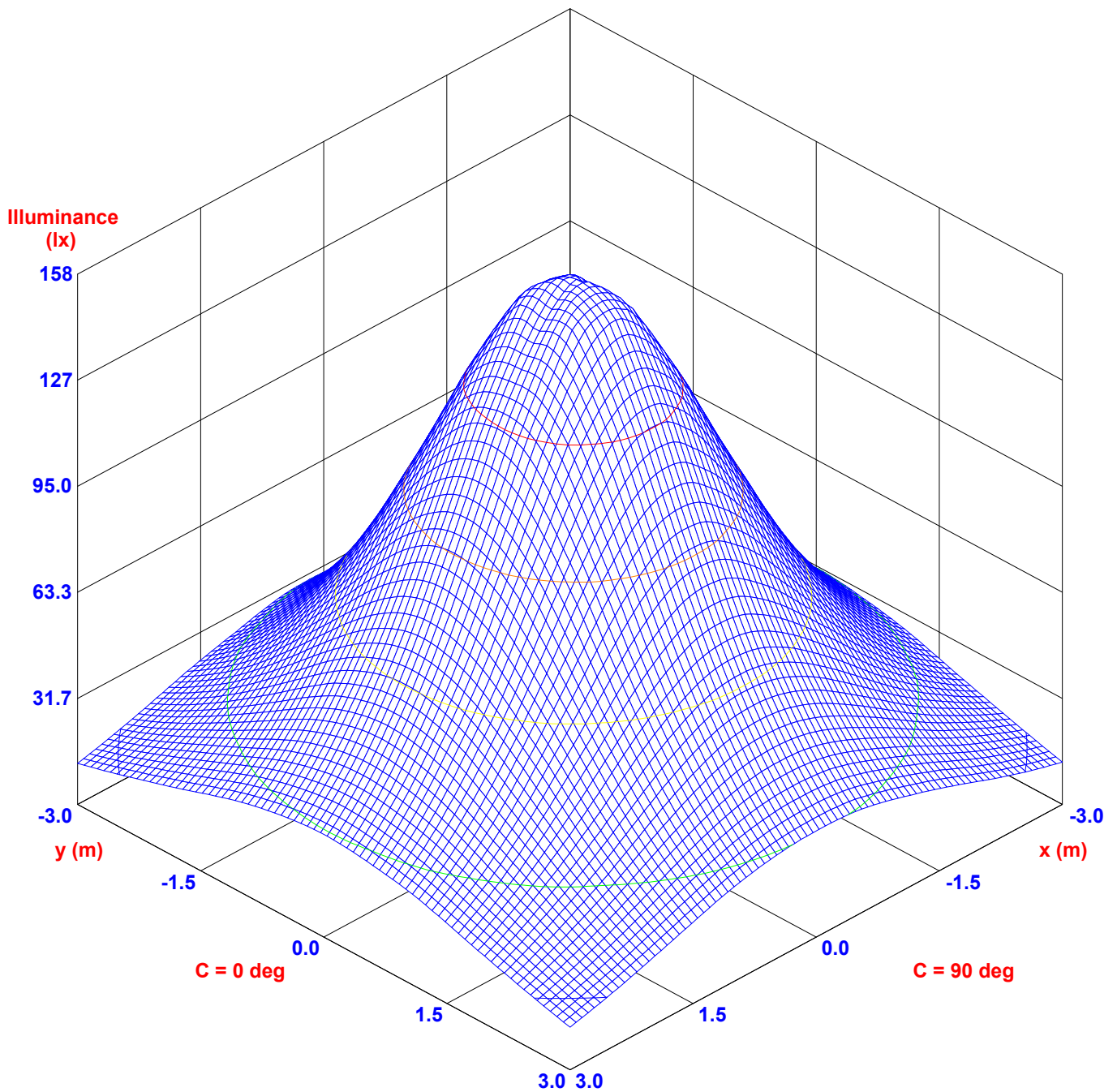
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IsoLux 3D



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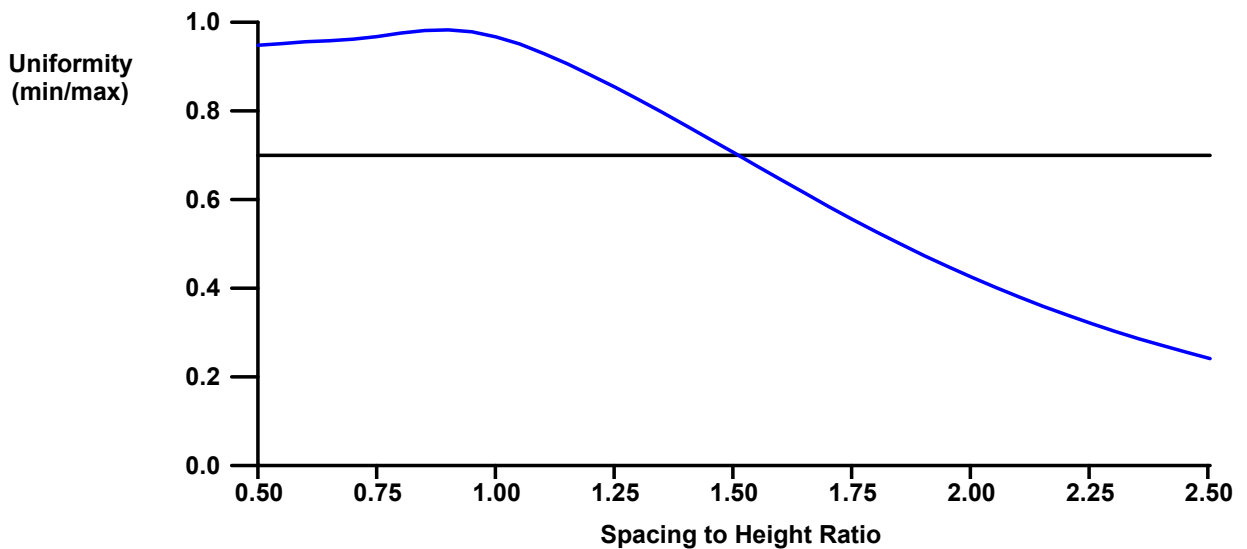
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TM5 Utilisation Factor Table

SHR Nominal = 1.50:1 SHR Maximum = 1.51:1

Reflectance			Room Index (K)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.59	0.67	0.75	0.80	0.87	0.92	0.95	1.00	1.03
0.70	0.30	0.20	0.51	0.59	0.67	0.73	0.81	0.86	0.90	0.96	0.99
0.70	0.10	0.20	0.46	0.54	0.62	0.67	0.76	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.57	0.65	0.72	0.77	0.84	0.88	0.91	0.96	0.98
0.50	0.30	0.20	0.50	0.58	0.66	0.71	0.79	0.84	0.87	0.92	0.96
0.50	0.10	0.20	0.45	0.53	0.61	0.66	0.74	0.80	0.84	0.89	0.93
0.30	0.50	0.20	0.56	0.63	0.70	0.75	0.81	0.85	0.88	0.92	0.95
0.30	0.30	0.20	0.50	0.57	0.64	0.69	0.76	0.81	0.85	0.89	0.92
0.30	0.10	0.20	0.45	0.53	0.60	0.65	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.43	0.50	0.57	0.62	0.69	0.74	0.78	0.82	0.85
Distribution Factors		Floor:	0.43	0.50	0.57	0.62	0.69	0.74	0.78	0.82	0.85
		Wall:	0.56	0.49	0.42	0.37	0.30	0.25	0.22	0.17	0.14
		Ceiling:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BZ Numbers:			4	5	4	4	5	5	5	5	4



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Zonal Flux Diagram

