

Distribution Photometry Report

Report Number:

Date: 21-11-2008

Catalog Number:

Description:

Well-Lux 660N-WW

220V

Test Distance: 10.435m

Test Electrical Parameters: Voltage: 220 V AC, Current: 0.29 A, Power: 62W

Filename:

Well-Lux 660N- WW.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: *3098*

Luminous Dimensions:

Base Area: *0.000 m X 0.600 m*

Side Area: *0.000 m X 0.600 m*

End Area: *0.600 m X 0.600 m*

Luminous Shape: *2D Vertical Rectangle*

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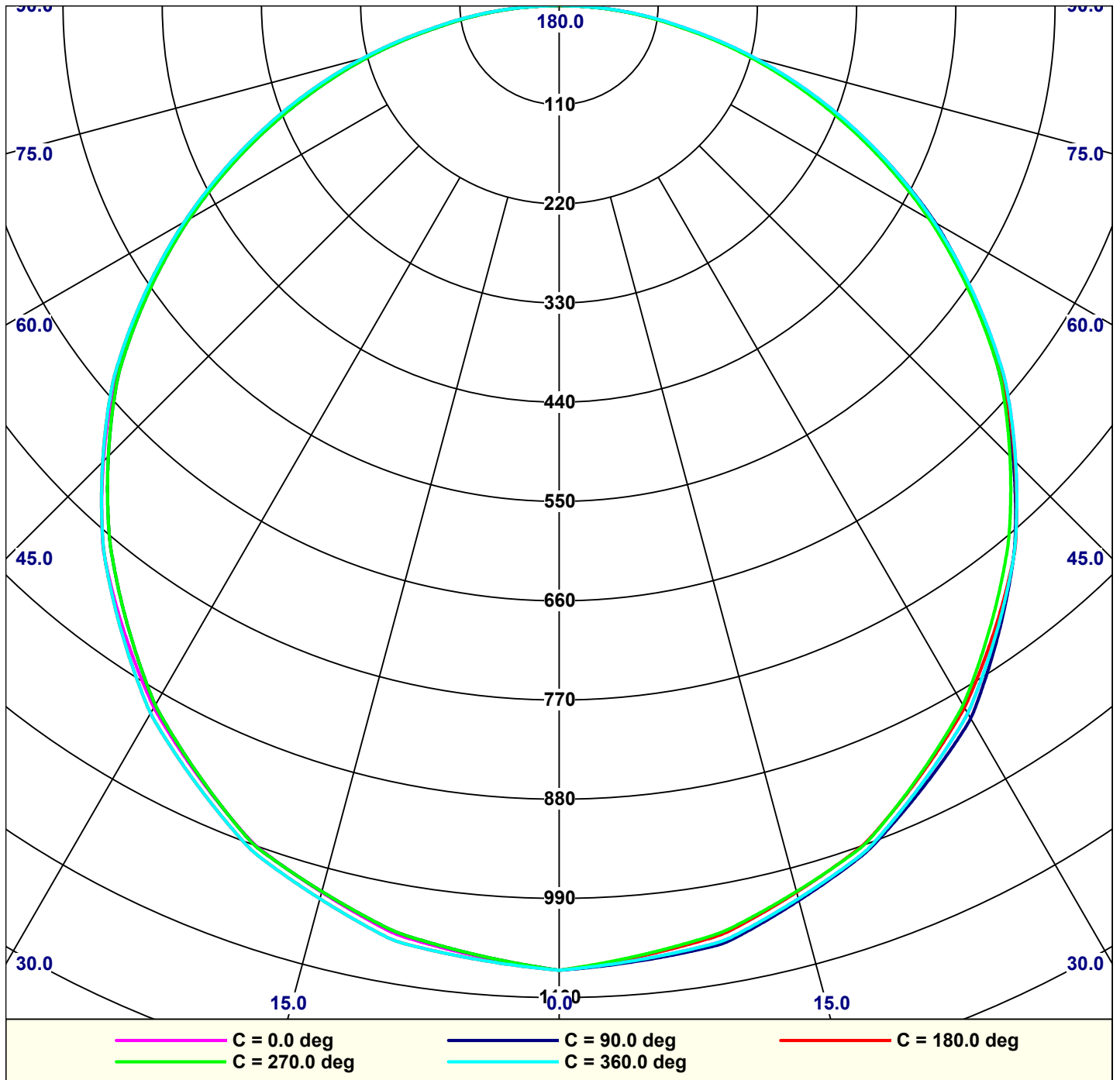
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Luminous Intensity Distribution



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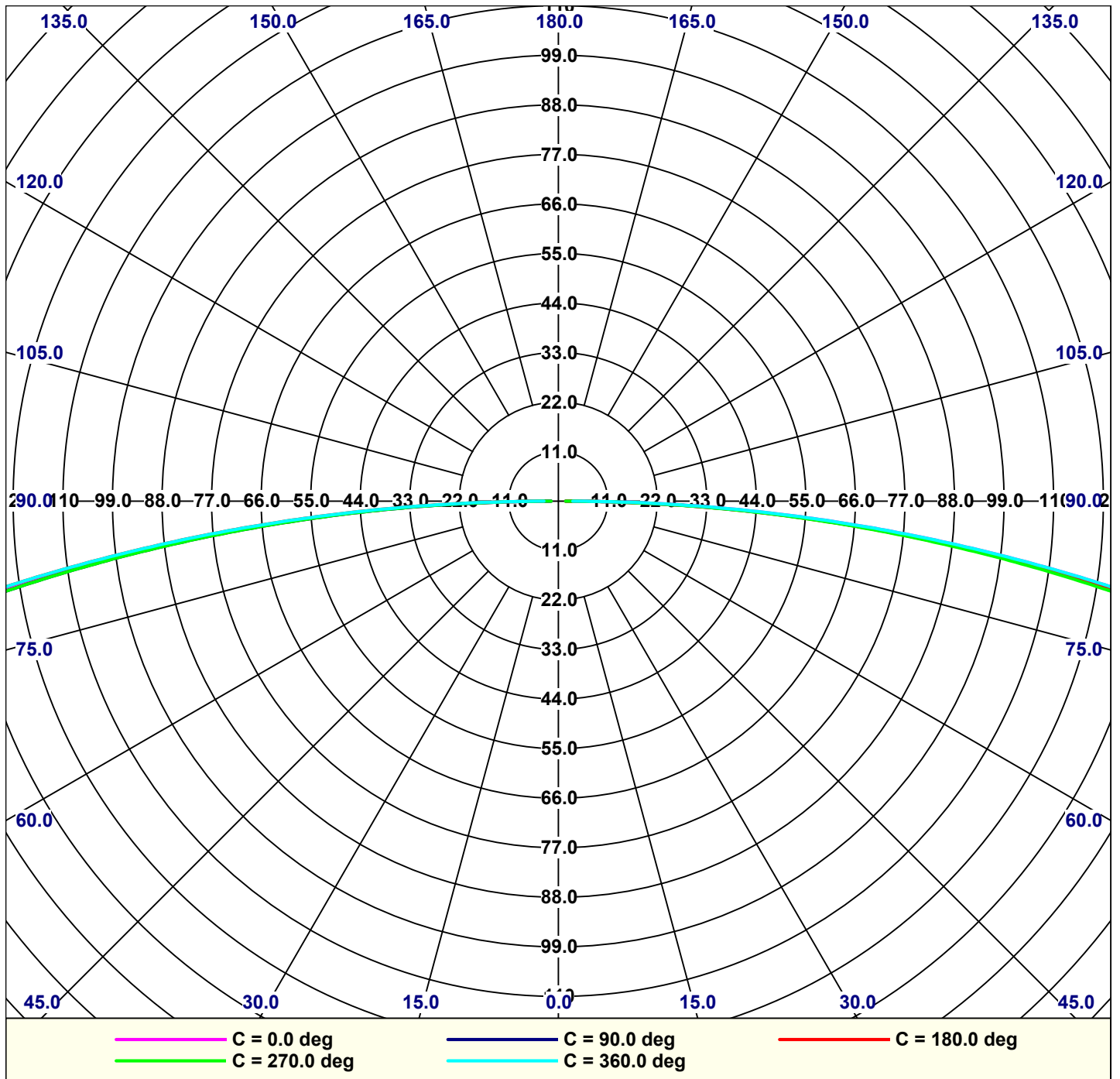
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Luminous Intensity Distribution (Lowest 10%)



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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	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
10.0	1050	1050	1060	1060	1060	1060	1060	1060	1060	1060	1060	1050	1050
20.0	997	997	999	998	1000	999	1000	999	1000	998	1000	996	997
30.0	906	911	909	913	910	914	911	914	911	913	909	904	906
40.0	786	792	788	793	788	786	790	786	790	786	788	783	785
50.0	645	638	651	638	651	638	643	638	644	638	642	636	639
60.0	480	481	485	482	486	482	488	482	488	482	486	479	483
70.0	310	306	299	306	311	306	302	307	302	306	310	304	308
80.0	140	137	140	137	140	137	133	137	141	137	130	134	138
90.0	3.2	3.1	2.8	3.1	2.8	2.6	2.4	1.6	1.6	1.6	1.6	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	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
10.0	1050	1050	1050	1050	1050	1050	1040	1040	1040	1040	1040	1040	1040
20.0	997	995	990	993	989	989	986	987	985	986	984	986	988
30.0	902	904	899	901	899	899	896	897	900	896	893	896	899
40.0	780	784	785	781	777	786	783	777	774	783	773	784	780
50.0	633	638	640	635	631	642	629	641	628	639	627	631	636
60.0	477	482	473	479	466	478	473	477	464	476	473	477	472
70.0	302	307	298	304	300	303	299	303	300	303	300	304	299
80.0	133	138	131	137	133	136	133	136	133	127	134	137	133
90.0	2.4	2.6	2.4	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	1.6

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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	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
10.0	1040	1040	1050	1050	1050	1050	1050	1050	1050	1050	1050
20.0	988	990	990	988	990	988	992	991	993	993	997
30.0	898	896	900	898	900	903	901	900	903	901	906
40.0	778	775	780	777	788	783	789	779	790	780	786
50.0	634	638	636	631	643	638	636	633	646	634	645
60.0	470	474	471	475	470	473	471	468	472	478	480
70.0	307	301	308	302	306	298	306	302	306	303	310
80.0	140	134	140	135	138	132	138	135	138	136	140
90.0	1.6	1.6	2.4	2.6	3.1	3.3	3.6	3.8	3.8	3.6	3.2

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Luminous Flux Table

Elevation	Cone	Lumens	Cumulative	Lamp %	Luminaire %
0 deg	0.00 - 5.00	25.6	25.6	0.8	0.8
10 deg	5.00 - 15.00	199.5	225.1	7.3	7.3
20 deg	15.00 - 25.00	371.9	597.0	19.3	19.3
30 deg	25.00 - 35.00	494.5	1091.5	35.2	35.3
40 deg	35.00 - 45.00	551.6	1643.1	53.0	53.2
50 deg	45.00 - 55.00	535.1	2178.2	70.3	70.5
60 deg	55.00 - 65.00	452.4	2630.6	84.9	85.1
70 deg	65.00 - 75.00	312.7	2943.2	95.0	95.2
80 deg	75.00 - 85.00	146.5	3089.7	99.7	100.0
90 deg	85.00 - 90.00	1.3	3091.0	99.8	100.0

Light Output Ratio = 99.8% (DLOR = 99.8% , ULOR = 0.0%)

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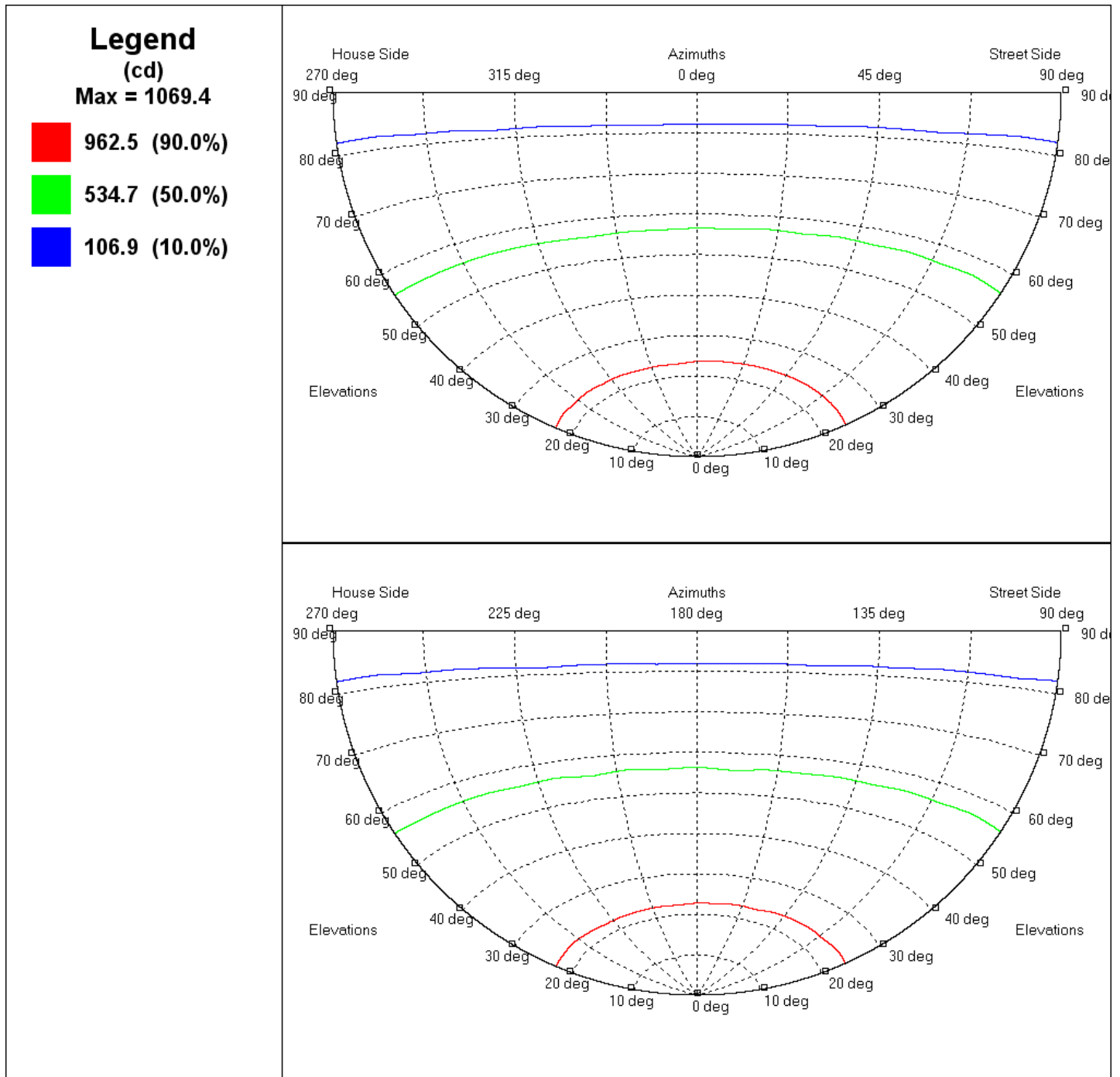
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IsoCandela Diagram



All luminous intensity values in cd

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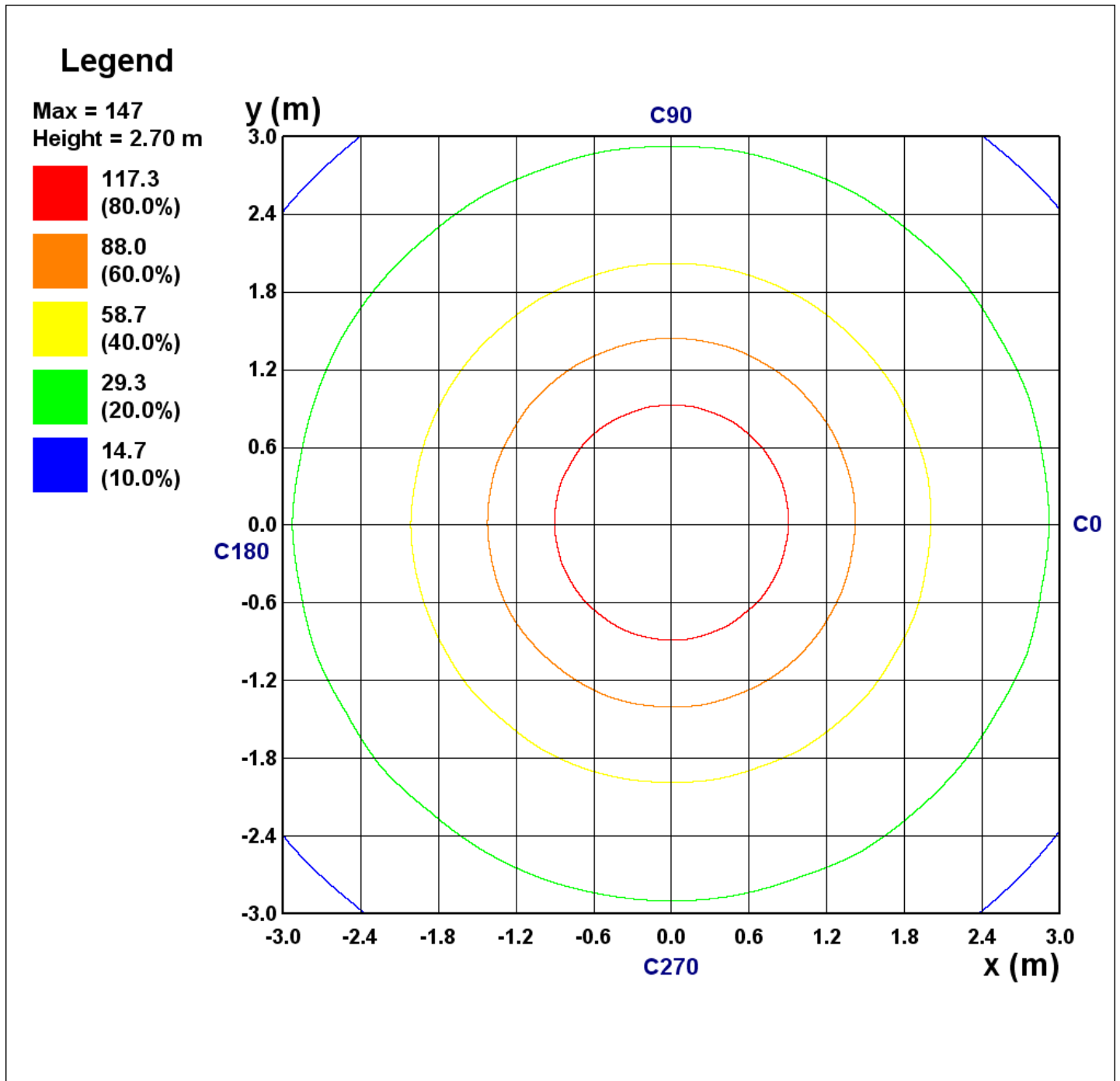
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IsoLux Diagram



All illuminance values in lx

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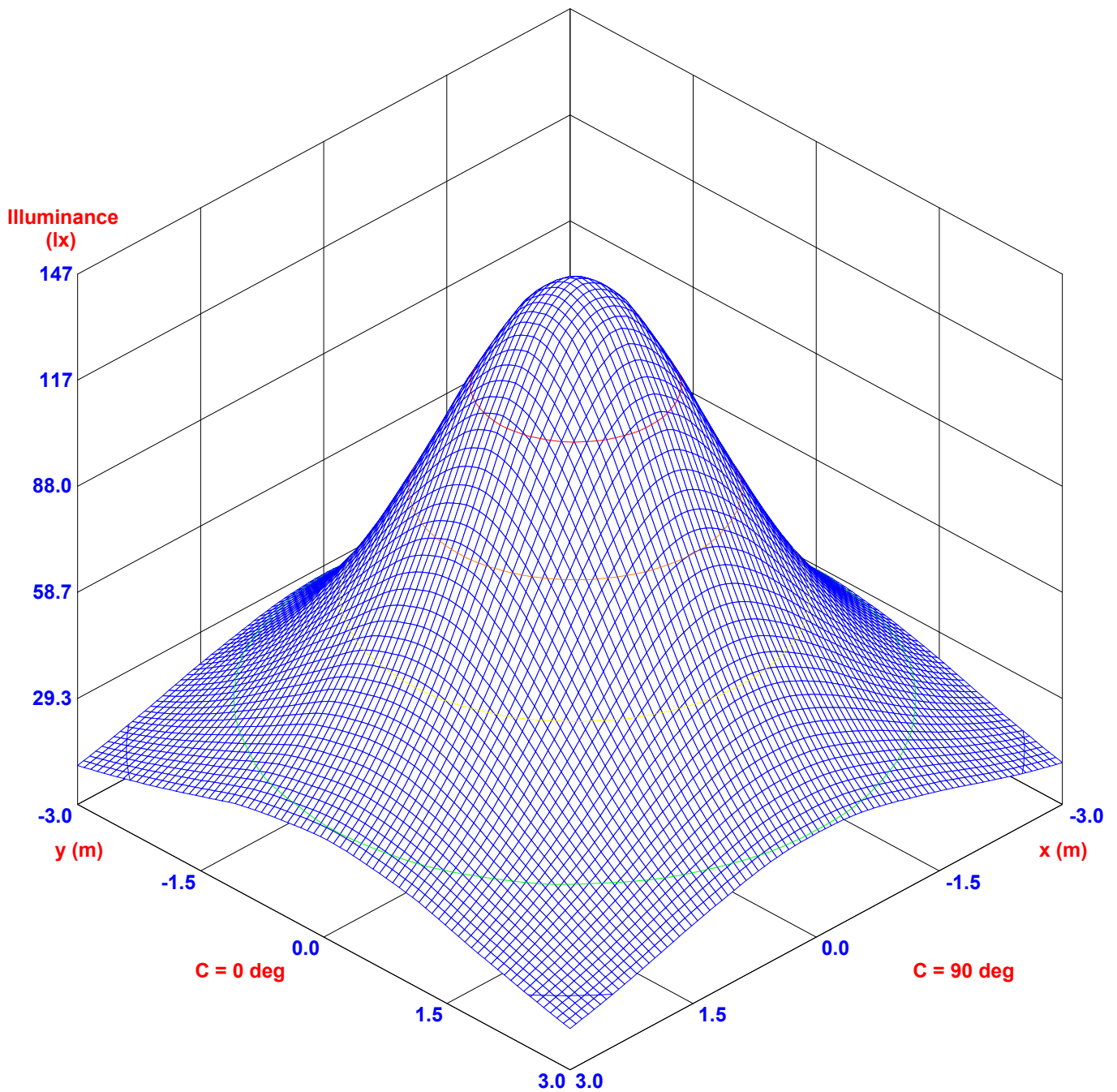
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IsoLux 3D



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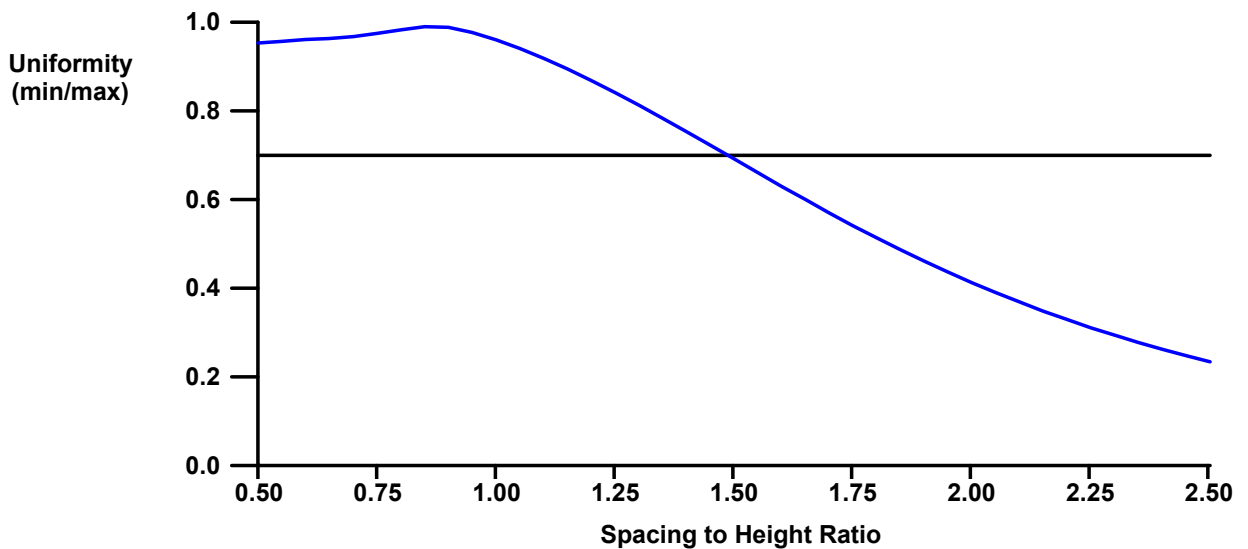
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TM5 Utilisation Factor Table

SHR Nominal = 1.25:1 SHR Maximum = 1.49:1

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	0.56	0.66	0.73	0.79	0.86	0.91	0.95	1.00	1.03
0.70	0.30	0.20	0.48	0.58	0.66	0.72	0.80	0.86	0.90	0.95	0.99
0.70	0.10	0.20	0.42	0.52	0.60	0.66	0.75	0.81	0.85	0.92	0.96
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.88	0.91	0.96	0.98
0.50	0.30	0.20	0.47	0.57	0.64	0.70	0.78	0.83	0.87	0.92	0.95
0.50	0.10	0.20	0.42	0.52	0.59	0.65	0.73	0.79	0.83	0.89	0.93
0.30	0.50	0.20	0.53	0.62	0.69	0.73	0.80	0.85	0.88	0.92	0.94
0.30	0.30	0.20	0.46	0.56	0.63	0.68	0.75	0.81	0.84	0.89	0.92
0.30	0.10	0.20	0.41	0.51	0.58	0.64	0.72	0.77	0.81	0.86	0.90
0.00	0.00	0.00	0.39	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
Distribution Factors		Floor:	0.39	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
		Wall:	0.61	0.51	0.44	0.39	0.32	0.26	0.23	0.18	0.15
		Ceiling:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BZ Numbers:			5	5	5	5	5	5	5	5	5



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Zonal Flux Diagram

