

Distribution Photometry Report

Report Number:

Date: 21-11-2008

Catalog Number:

Description: *Well-Lux 660N CW*
3280.8lm
Test Distance: 10.435m
Test Electrical Parameters: Voltage: 220 V AC, Current: 0.320 A, Power: 67W

Filename: *Well-Lux 660N CW.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: *3281*

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*

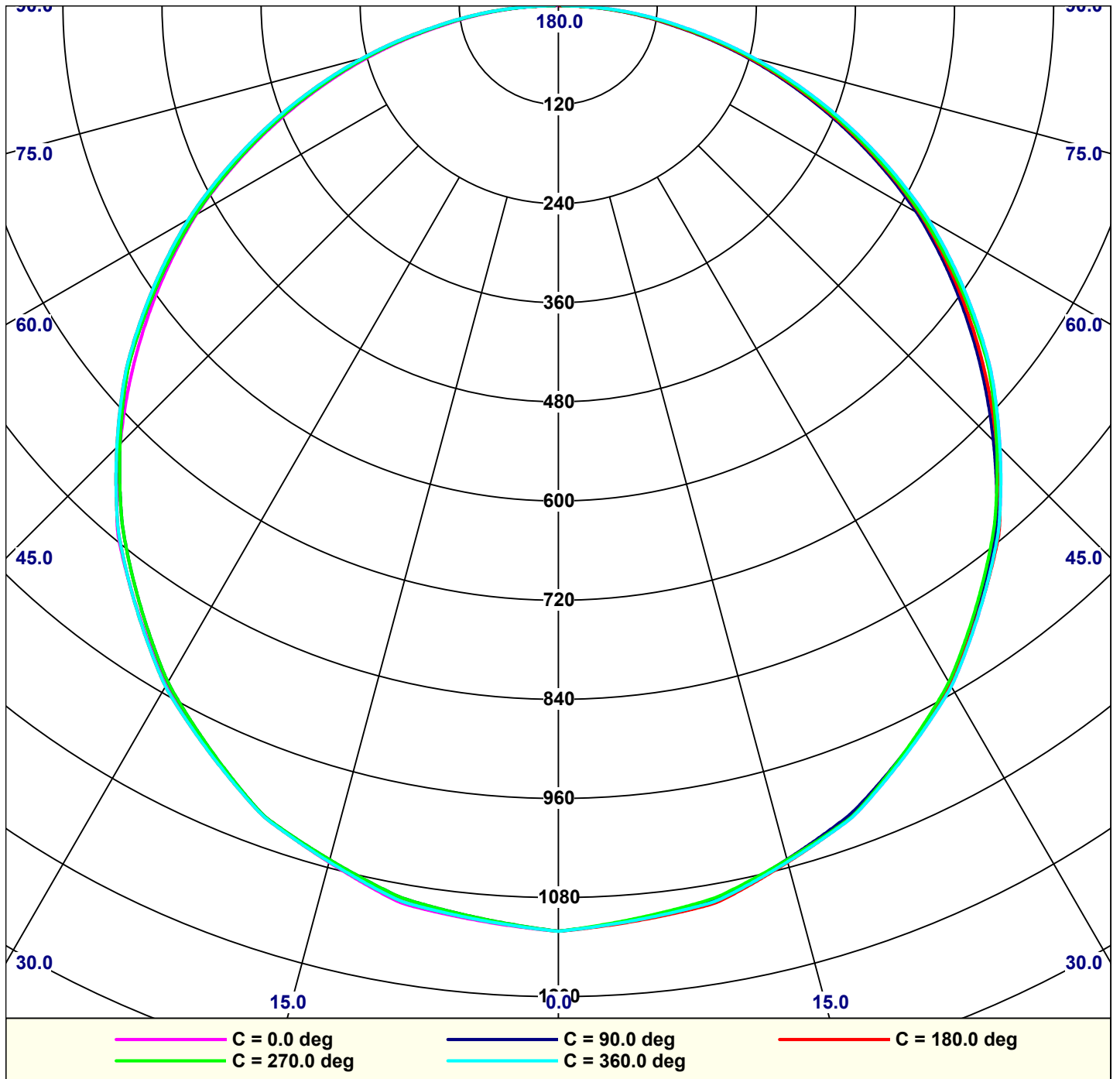
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Luminous Intensity Distribution



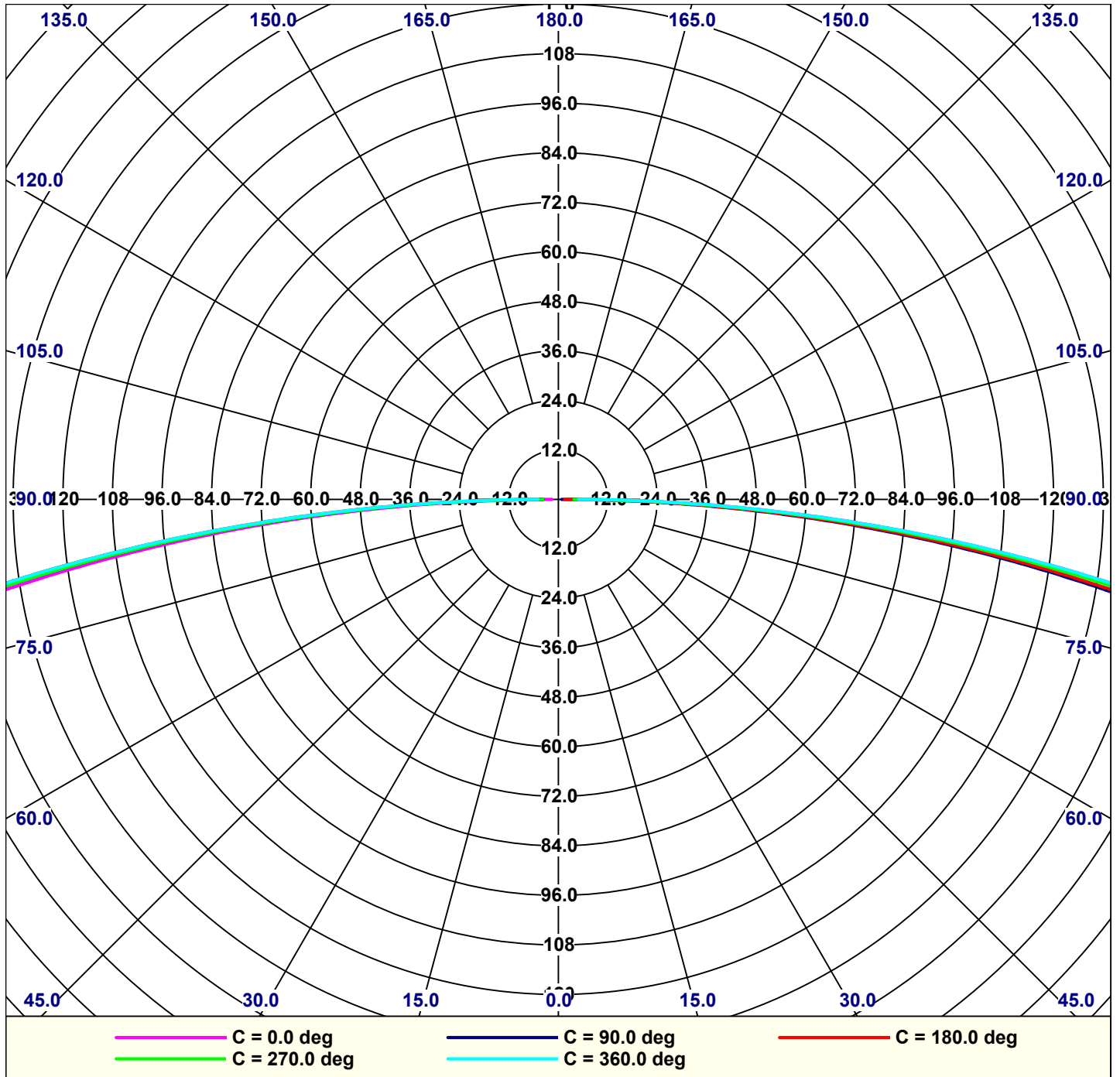
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Luminous Intensity Distribution (Lowest 10%)



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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	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
10.0	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
20.0	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040
30.0	952	948	949	952	950	952	948	951	951	951	948	944	946
40.0	829	823	832	828	826	828	822	826	825	825	822	817	828
50.0	683	671	683	678	674	668	680	675	673	664	670	662	666
60.0	517	509	513	506	503	496	509	502	501	501	497	499	492
70.0	334	328	320	324	332	324	327	320	319	319	325	316	319
80.0	156	152	154	148	155	148	150	144	142	143	148	140	143
90.0	4.9	4.1	3.1	1.6	1.6	1.6	0.8	1.6	1.6	0.8	0.8	0.8	0.8

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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	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
10.0	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
20.0	1040	1040	1040	1040	1050	1040	1040	1040	1040	1040	1040	1040	1040
30.0	943	948	945	948	945	949	946	950	953	950	948	950	953
40.0	823	821	817	828	817	831	819	832	828	833	829	833	829
50.0	670	667	663	676	673	670	675	680	677	682	678	683	679
60.0	496	493	489	493	499	507	501	509	504	511	506	513	507
70.0	313	320	315	320	316	324	318	326	321	329	324	331	325
80.0	138	144	140	144	140	146	143	148	146	152	148	154	150
90.0	0.8	0.8	0.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.6

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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	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
10.0	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
20.0	1040	1040	1040	1040	1040	1040	1040	1040	1050	1040	1040
30.0	950	946	950	948	956	951	952	950	954	951	952
40.0	833	821	827	823	834	828	828	825	830	827	829
50.0	675	680	677	672	685	677	678	674	680	674	683
60.0	504	509	506	511	504	506	507	512	507	512	517
70.0	333	328	335	329	333	324	336	330	336	330	334
80.0	156	152	158	154	156	158	157	153	157	152	156
90.0	3.3	3.8	4.1	4.8	4.3	4.3	4.6	4.8	5.0	5.3	4.9

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Luminous Flux Table

Elevation	Cone	Lumens	Cumulative	Lamp %	Luminaire %
0 deg	0.00 - 5.00	26.8	26.8	0.8	0.8
10 deg	5.00 - 15.00	209.3	236.1	7.2	7.2
20 deg	15.00 - 25.00	390.5	626.6	19.1	19.2
30 deg	25.00 - 35.00	519.9	1146.5	34.9	35.1
40 deg	35.00 - 45.00	581.8	1728.3	52.7	52.9
50 deg	45.00 - 55.00	566.2	2294.5	69.9	70.2
60 deg	55.00 - 65.00	478.2	2772.7	84.5	84.8
70 deg	65.00 - 75.00	334.5	3107.1	94.7	95.0
80 deg	75.00 - 85.00	160.8	3268.0	99.6	100.0
90 deg	85.00 - 90.00	1.3	3269.3	99.6	100.0

Light Output Ratio = 99.6% (DLOR = 99.6% , ULOR = 0.0%)

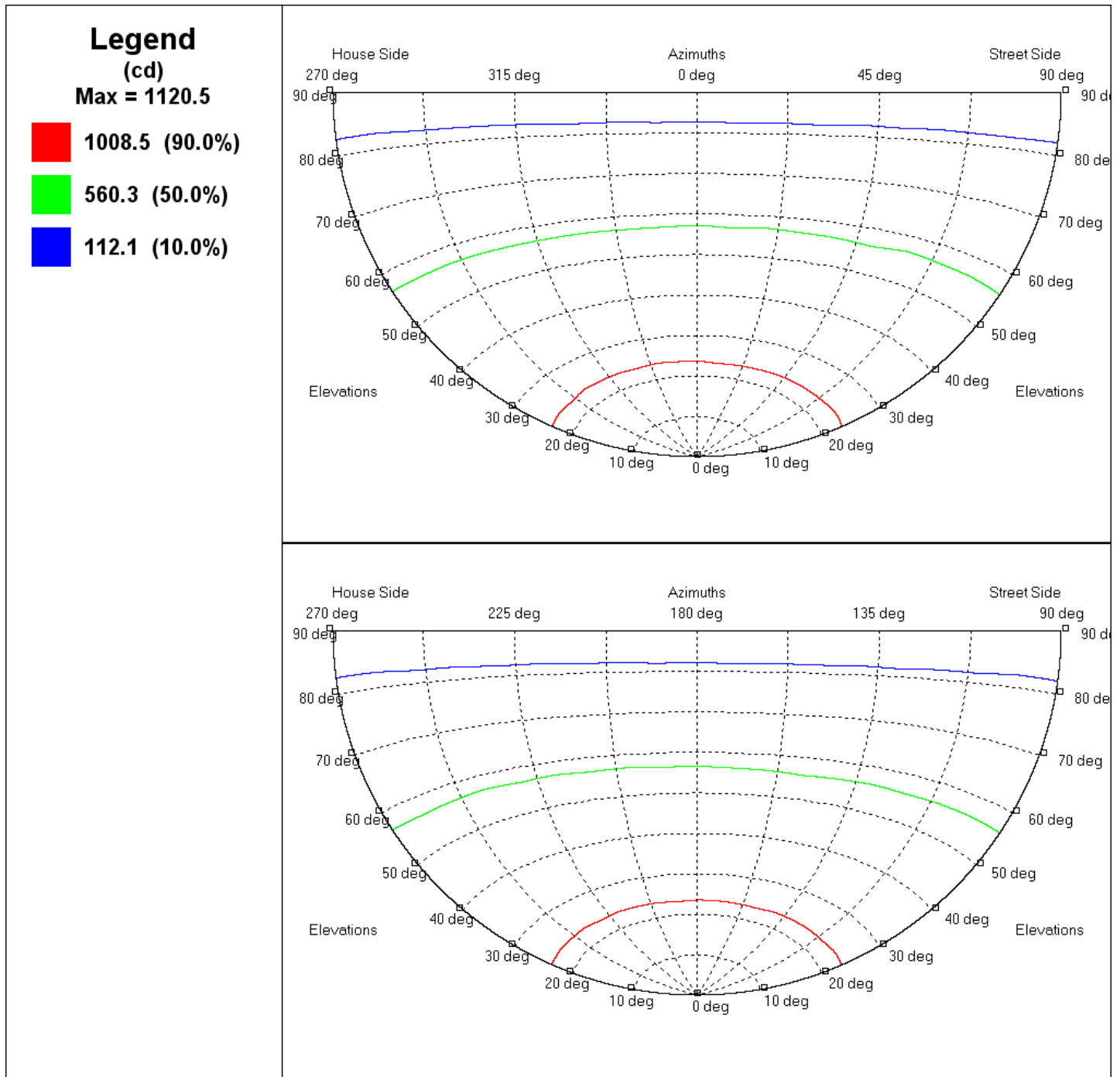
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IsoCandela Diagram



All luminous intensity values in cd

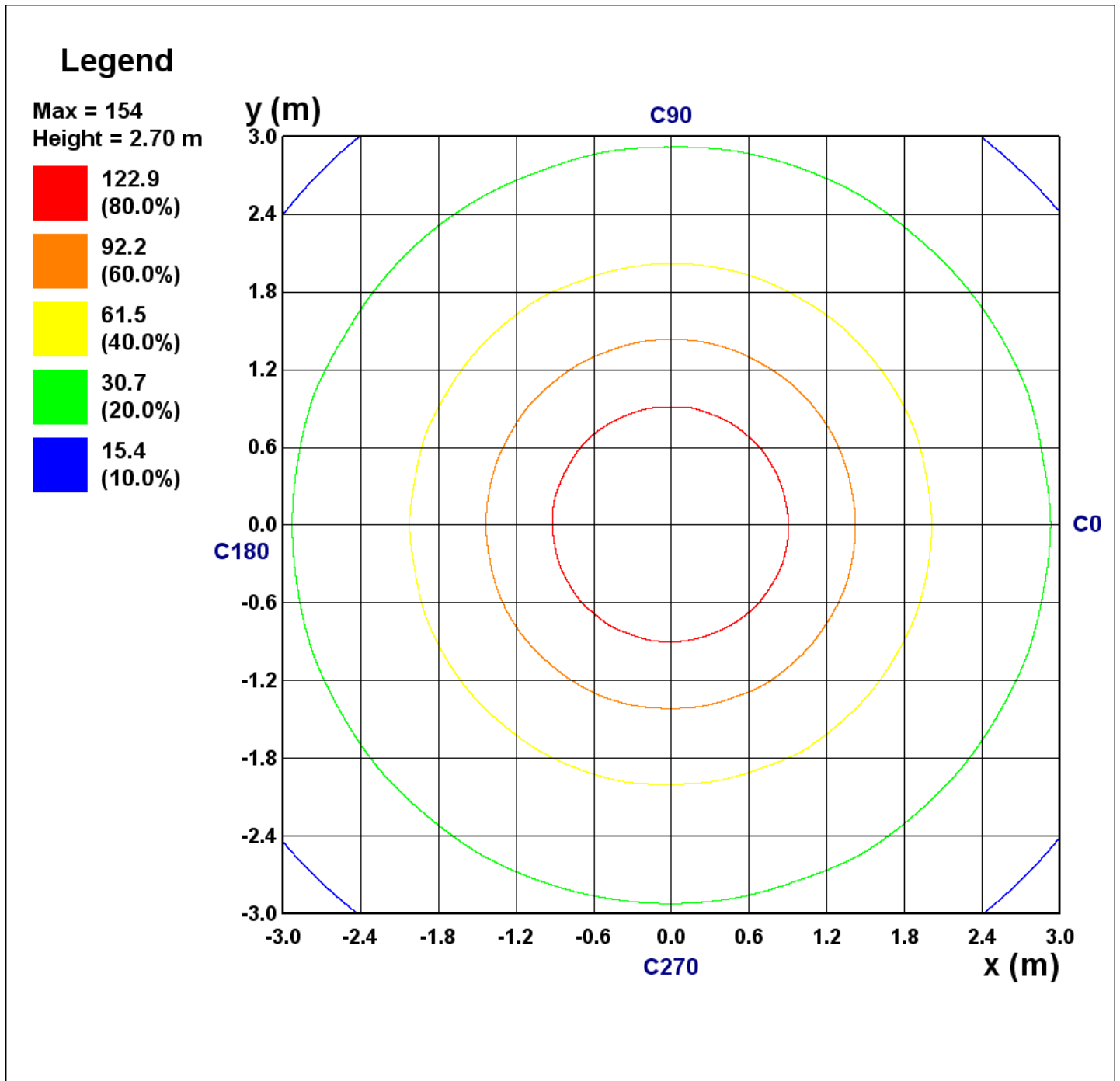
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IsoLux Diagram



All illuminance values in lx

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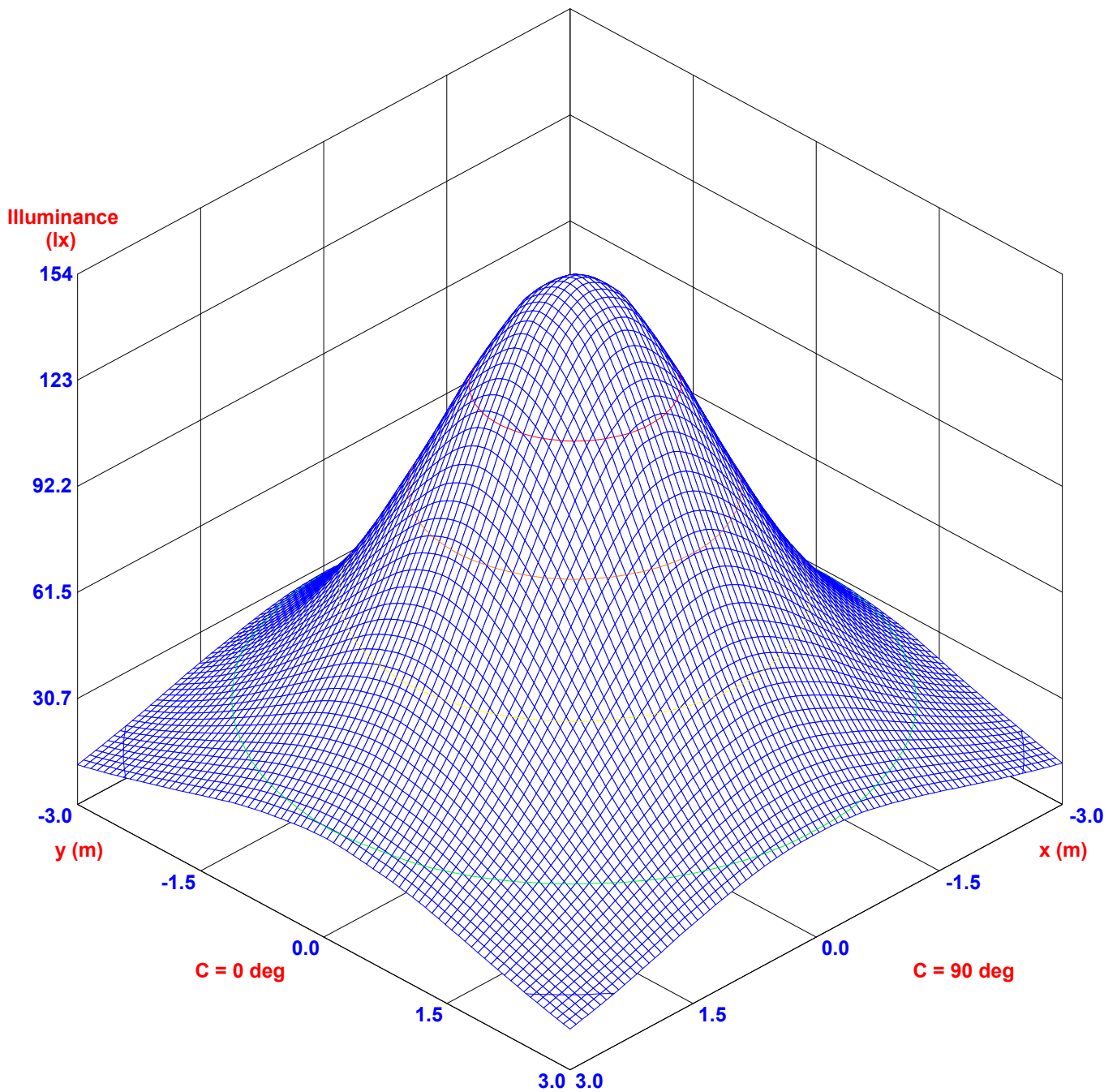
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IsoLux 3D



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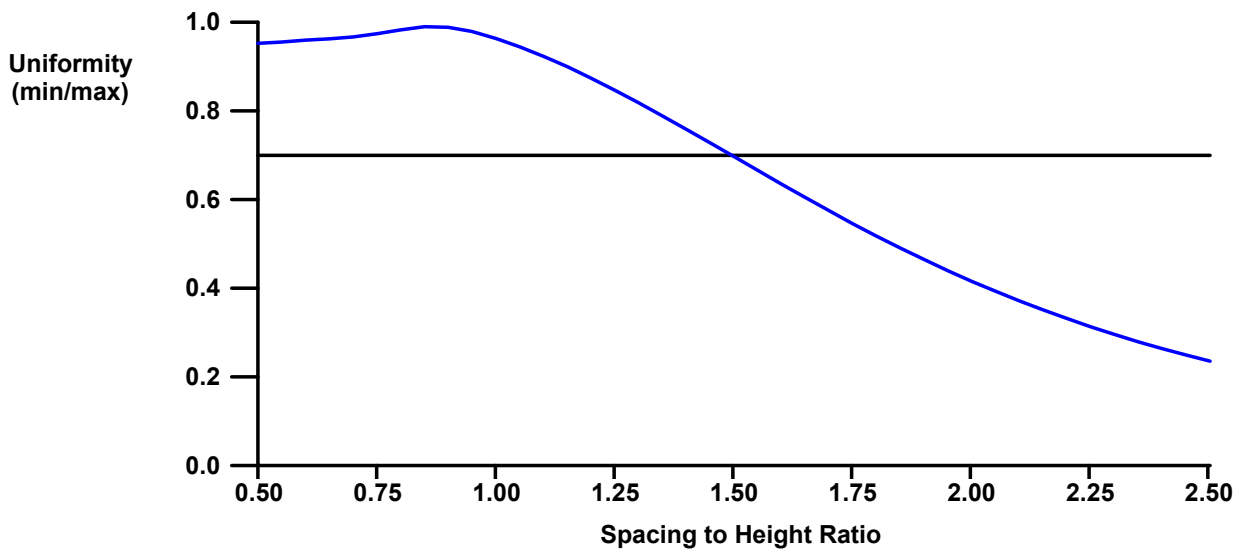
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TM5 Utilisation Factor Table

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

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	0.60	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	0.68	0.76	0.82	0.86	0.92	0.96
0.50	0.50	0.20	0.57	0.65	0.72	0.77	0.84	0.88	0.92	0.96	0.99
0.50	0.30	0.20	0.51	0.58	0.66	0.71	0.79	0.84	0.88	0.92	0.96
0.50	0.10	0.20	0.46	0.53	0.61	0.67	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	0.65	0.70	0.77	0.81	0.85	0.89	0.92
0.30	0.10	0.20	0.45	0.53	0.60	0.66	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.43	0.50	0.58	0.63	0.70	0.74	0.78	0.82	0.86
Distribution Factors		Floor:	0.43	0.50	0.58	0.63	0.70	0.74	0.78	0.82	0.86
		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	4	5	4	5	4



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Zonal Flux Diagram

