

Distribution Photometry Report

Report Number:

Date: 21-11-2008

Catalog Number:

Description: *Well-Lux 330N-WW*
220V

Test Distance: 10.435m

Test Electrical Parameters: Voltage: 220 V AC, Current: 0.11 A, Power: 21W

Filename: *Well-Lux 330N-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: *915.5*

Luminous Dimensions:

Base Area: *0.000 m X 0.300 m*

Side Area: *0.000 m X 0.300 m*

End Area: *0.300 m X 0.300 m*

Luminous Shape: *2D Vertical Rectangle*

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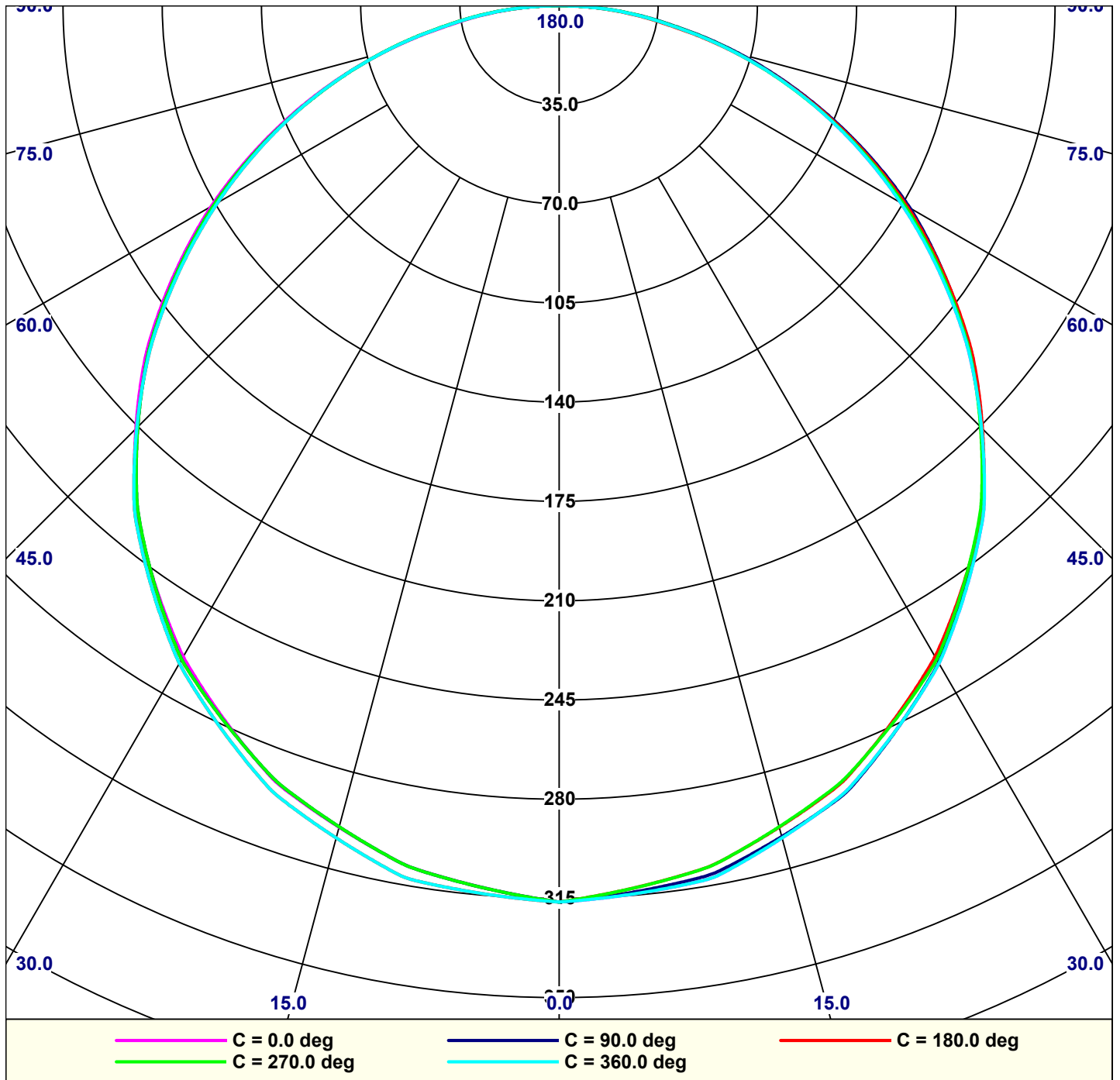
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Luminous Intensity Distribution



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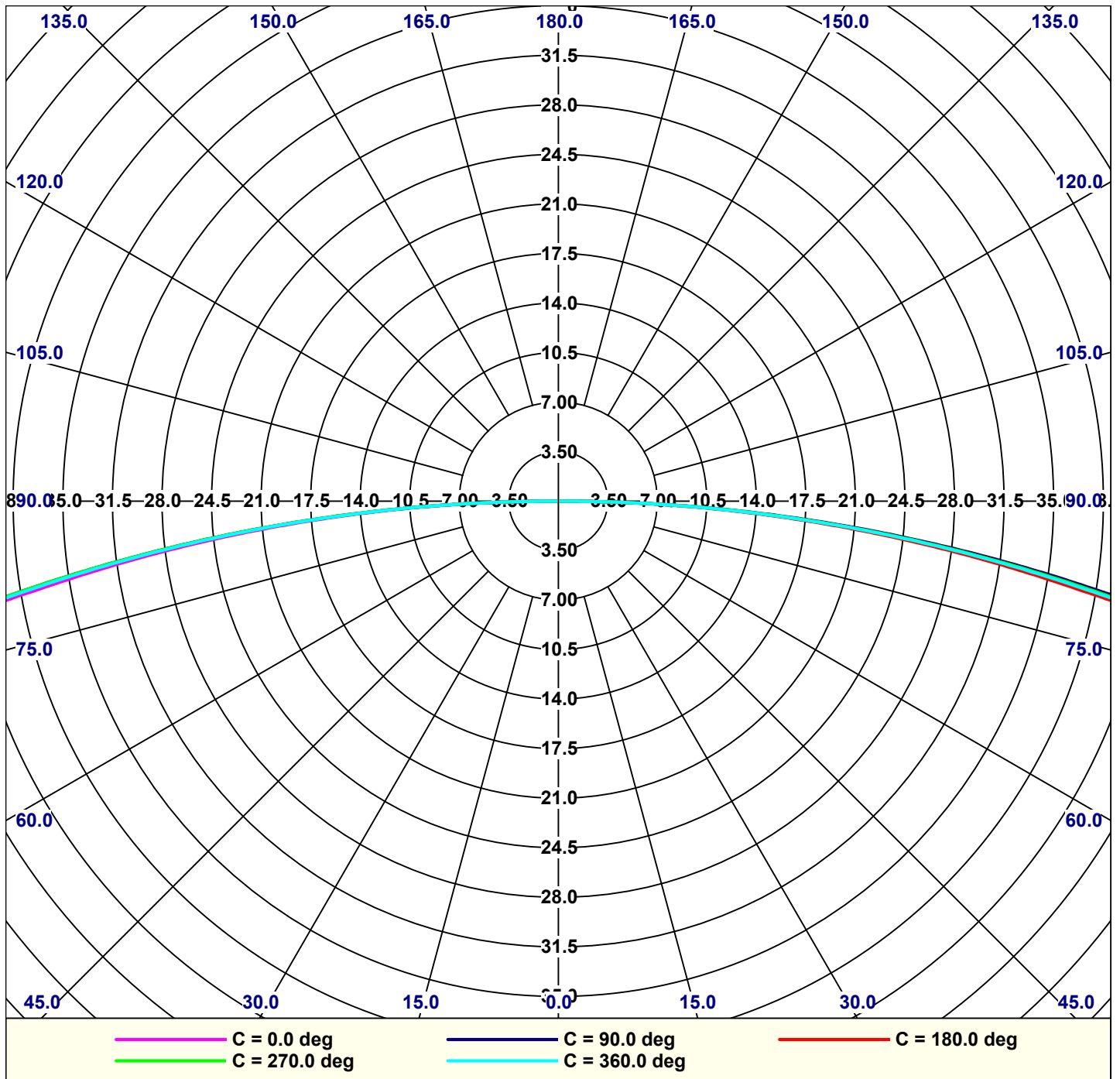
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Luminous Intensity Distribution (Lowest 10%)



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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	130.0	140.0	150.0
0.0	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316
10.0	313	312	313	313	313	312	313	312	312	311	311	310	310	309	309	308
20.0	295	295	295	295	296	295	296	295	296	296	294	294	293	292	292	292
30.0	268	267	268	268	268	269	269	270	269	268	268	266	267	265	266	265
40.0	233	231	234	233	235	234	235	232	233	232	235	233	234	230	233	232
50.0	188	187	191	187	192	190	192	189	190	189	189	190	191	187	190	186
60.0	139	141	142	141	142	141	143	142	144	143	144	142	143	141	142	141
70.0	89.8	88.4	86.4	88.6	87.2	88.9	91.1	90.4	92.6	91.3	91.9	90.1	91.5	90.0	90.7	89.4
80.0	39.8	38.2	39.3	38.5	40.1	38.8	38.2	40.2	42.3	41.1	42.0	40.2	41.7	40.3	41.2	40.0
90.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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Luminous Intensity Table (cd) (Continued)

$\gamma \setminus C$	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0	300.0	310.0
0.0	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316
10.0	309	308	308	308	308	308	308	308	308	308	308	308	309	310	310	311
20.0	292	291	292	291	292	291	291	291	291	291	292	291	292	292	293	295
30.0	266	266	265	266	265	264	265	264	265	264	265	266	266	267	266	268
40.0	230	231	232	229	230	228	232	229	232	229	232	231	230	230	233	230
50.0	188	189	190	186	187	188	187	186	190	188	190	189	190	186	190	186
60.0	139	140	142	140	142	140	141	140	141	140	142	141	142	141	142	140
70.0	88.0	89.0	90.5	89.1	87.6	88.5	90.0	89.1	90.4	89.2	88.0	89.6	87.8	89.3	90.1	88.6
80.0	41.5	39.7	38.6	39.9	38.7	39.3	40.9	40.0	41.2	40.0	41.6	40.3	41.5	39.9	37.9	39.0
90.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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Luminous Intensity Table (cd) (Continued)

$\gamma \setminus C$	320.0	330.0	340.0	350.0	360.0
0.0	316	316	316	316	316
10.0	311	311	312	313	313
20.0	294	294	295	294	295
30.0	267	266	267	267	268
40.0	231	232	233	230	233
50.0	188	189	187	187	188
60.0	142	139	141	140	139
70.0	90.0	87.7	89.2	88.1	89.8
80.0	37.6	38.0	39.4	38.1	39.8
90.0	0.2	0.2	0.2	0.2	0.2

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Luminous Flux Table

Elevation	Cone	Lumens	Cumulative	Lamp %	Luminaire %
0 deg	0.00 - 5.00	7.6	7.6	0.8	0.8
10 deg	5.00 - 15.00	59.0	66.5	7.3	7.3
20 deg	15.00 - 25.00	109.9	176.4	19.3	19.3
30 deg	25.00 - 35.00	146.0	322.4	35.2	35.3
40 deg	35.00 - 45.00	163.2	485.5	53.0	53.2
50 deg	45.00 - 55.00	158.2	643.8	70.3	70.5
60 deg	55.00 - 65.00	134.0	777.8	85.0	85.2
70 deg	65.00 - 75.00	92.0	869.8	95.0	95.3
80 deg	75.00 - 85.00	43.0	912.8	99.7	100.0
90 deg	85.00 - 90.00	0.1	912.8	99.7	100.0

Light Output Ratio = 99.7% (DLOR = 99.7% , ULOR = 0.0%)

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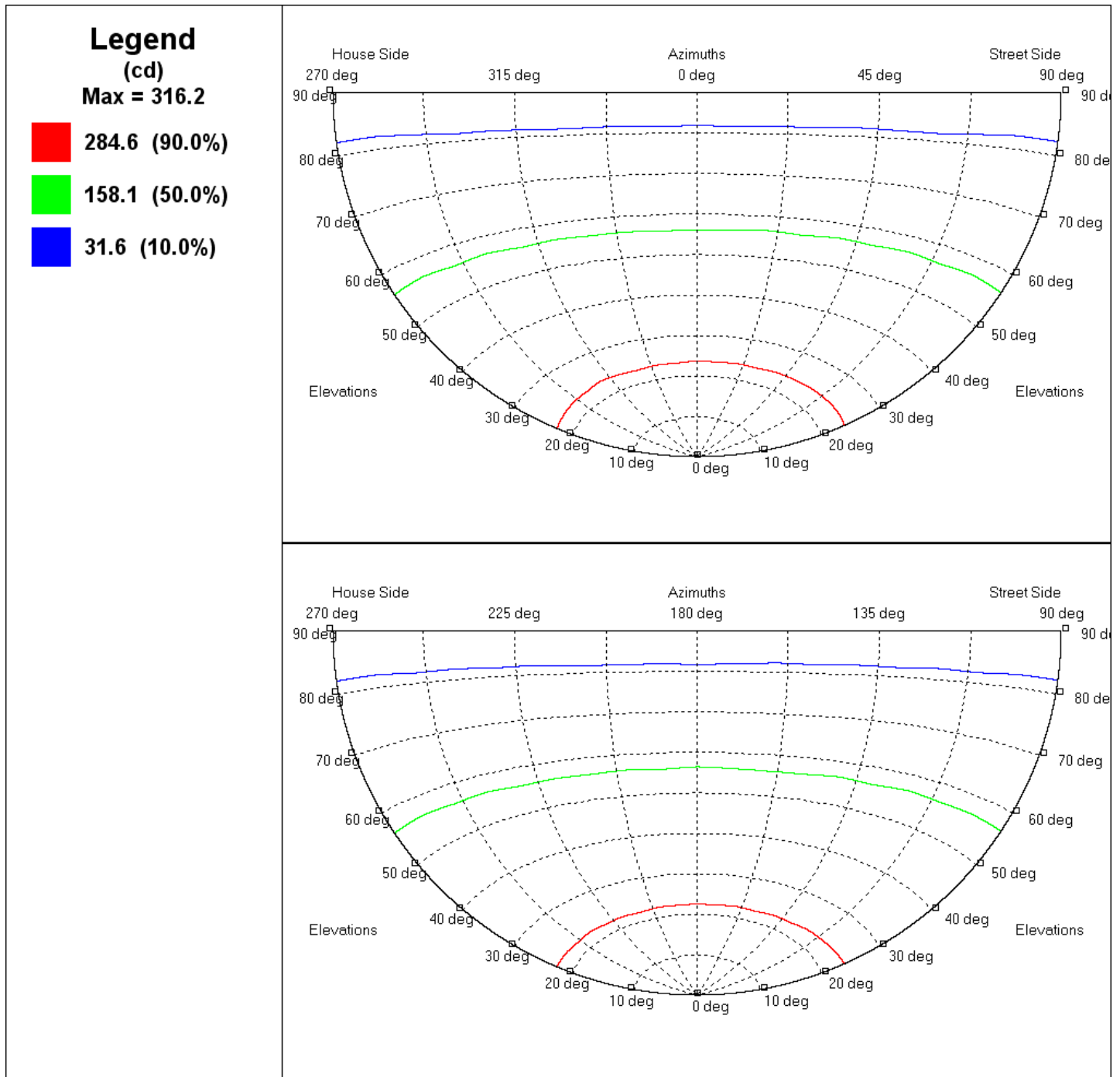
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IsoCandela Diagram



All luminous intensity values in cd

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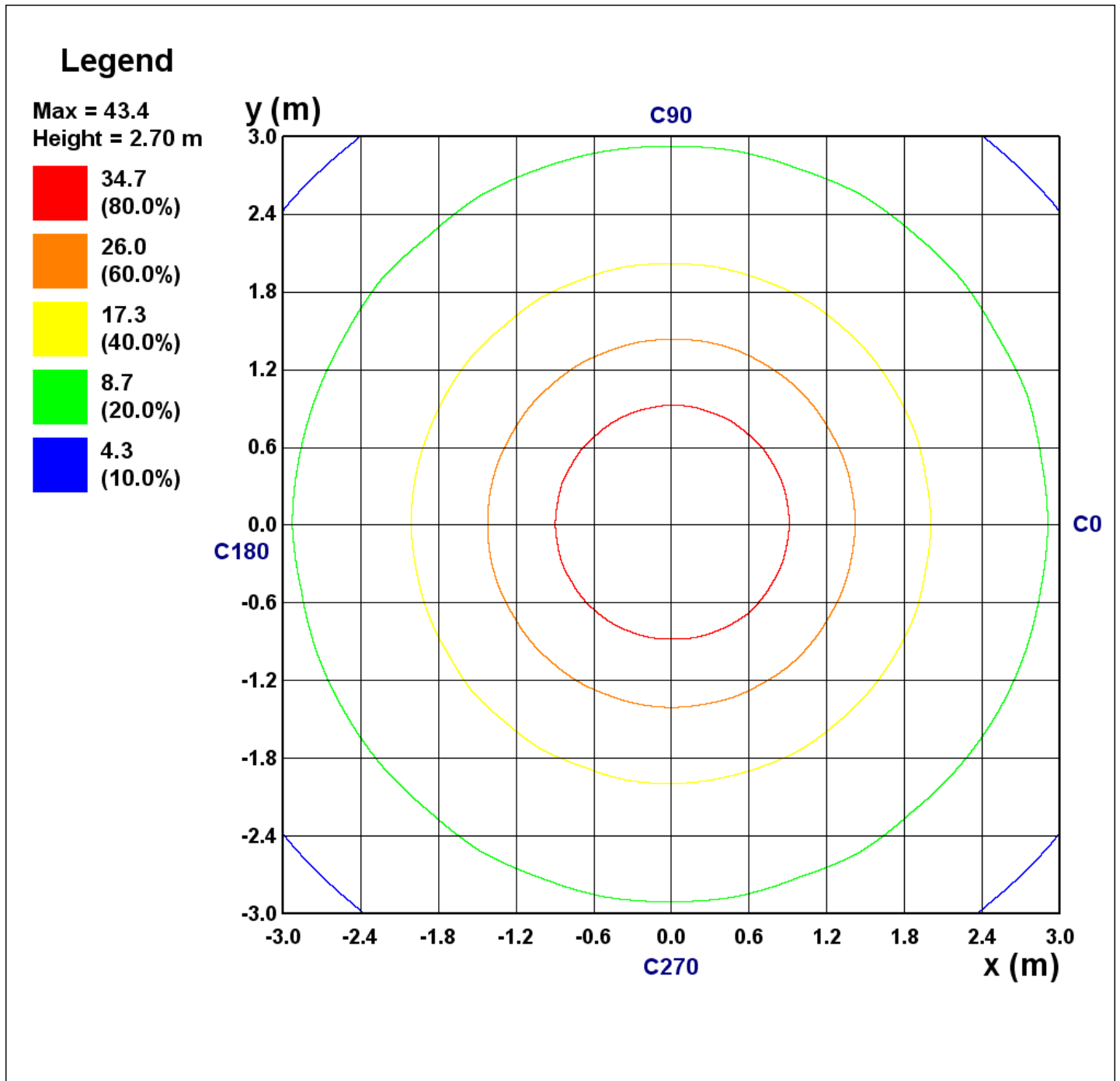
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IsoLux Diagram



All illuminance values in lx

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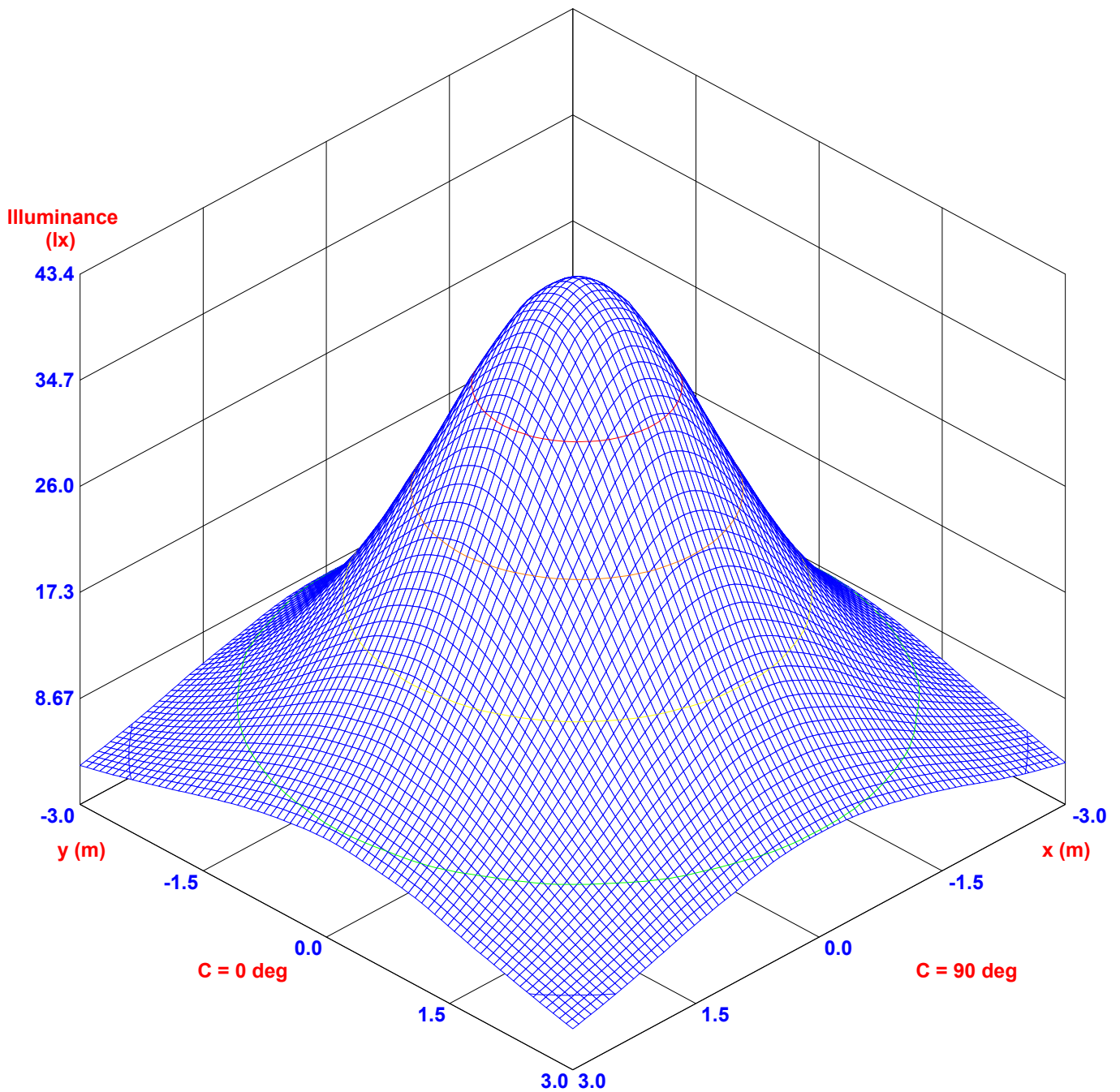
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IsoLux 3D



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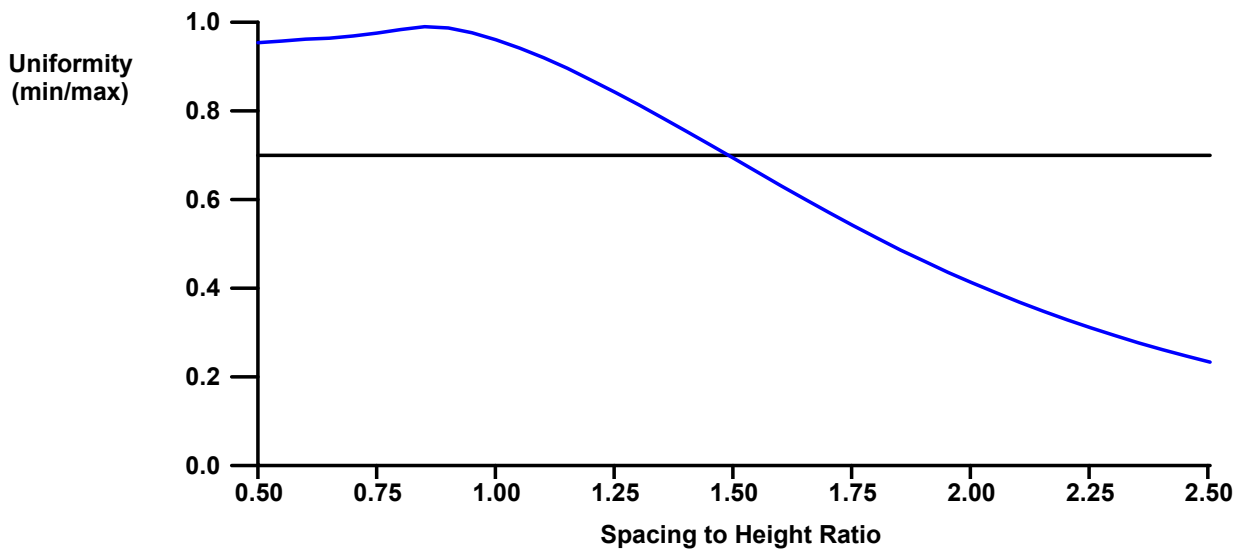
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TM5 Utilisation Factor Table

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	0.76	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

