

Distribution Photometry Report

Report Number:

Date: 21-11-2008

Catalog Number:

Description: *Well-Lux 330N-CW*
220V
Test Distance: 10.435m
Test Electrical Parameters: Voltage: 220 V AC, Current: 0.11 A, Power: 20W

Filename: *Well-Lux 330N-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: *849.6*

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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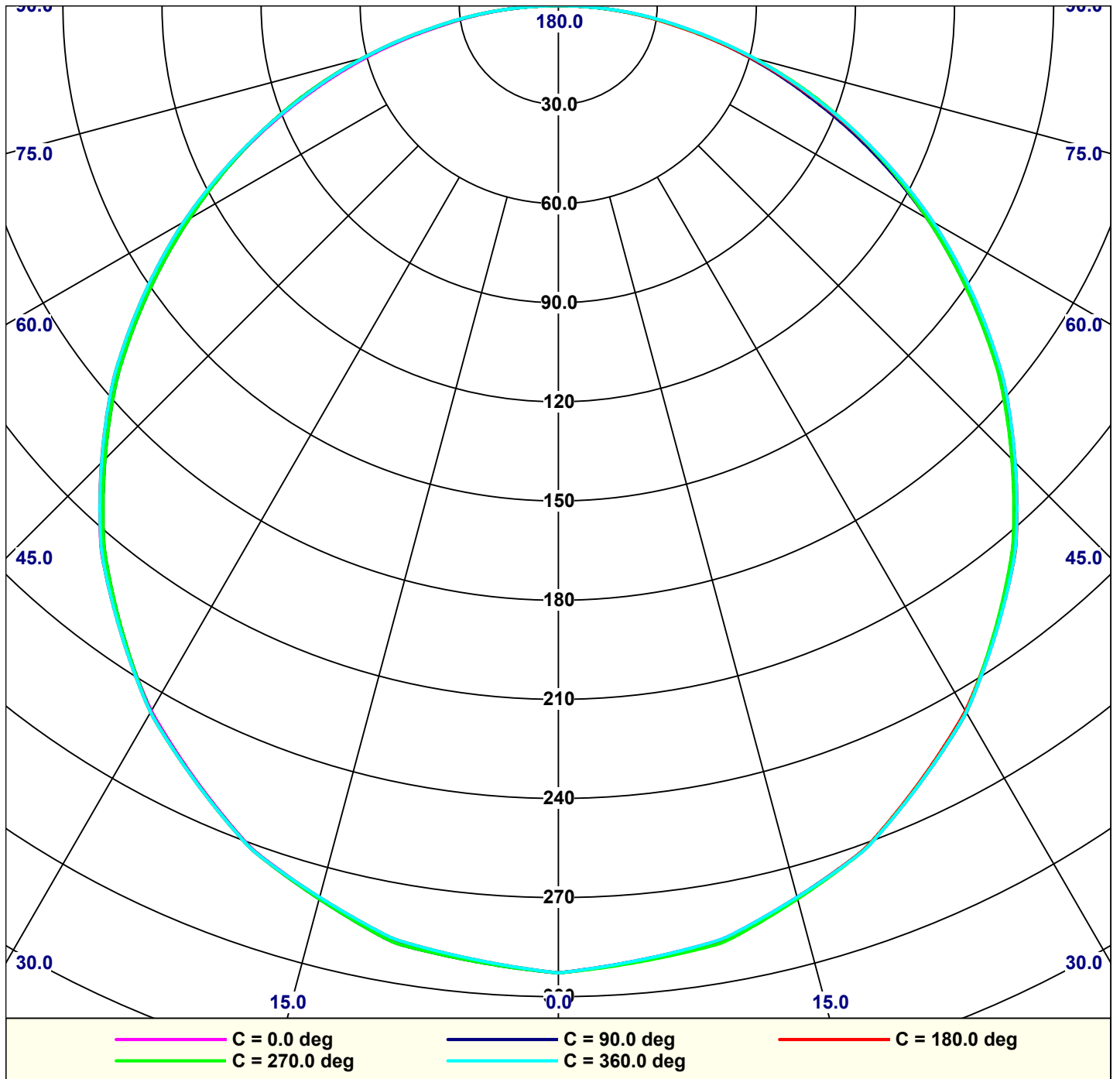
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Luminous Intensity Distribution



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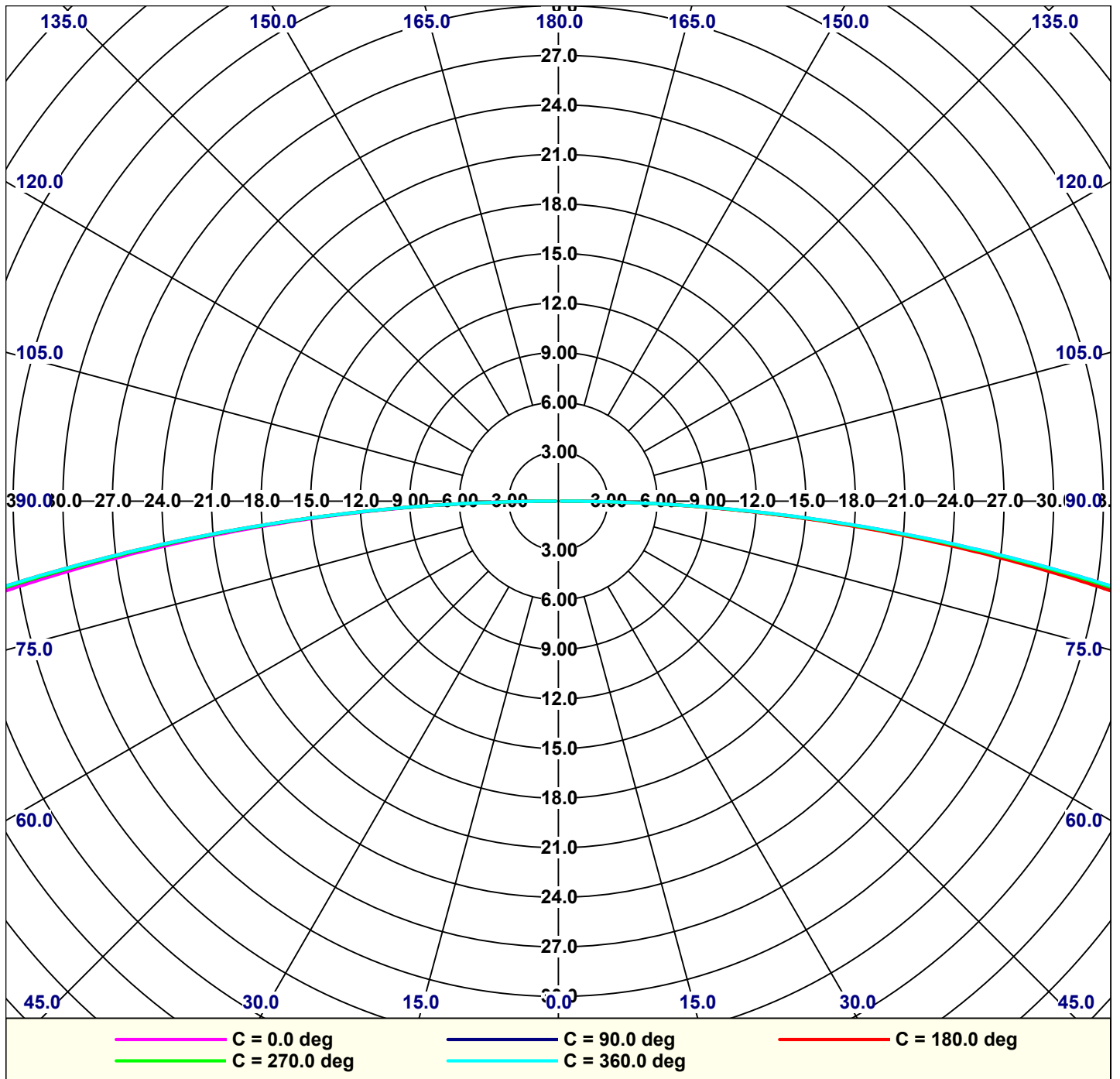
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Luminous Intensity Distribution (Lowest 10%)



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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	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
10.0	287	287	287	287	287	287	287	287	287	287	287	287	287	287	287	287
20.0	272	271	271	271	272	272	272	271	272	272	272	271	272	271	271	272
30.0	247	246	247	246	247	246	247	246	247	247	247	248	247	246	246	246
40.0	215	215	216	213	214	213	216	213	216	214	214	215	214	214	215	212
50.0	176	175	176	173	174	173	174	173	174	174	177	175	174	174	176	172
60.0	131	130	132	131	132	130	132	131	129	129	132	130	129	129	130	129
70.0	83.4	82.7	84.0	83.0	84.4	82.8	83.9	83.0	83.9	81.0	83.6	81.8	80.6	80.8	82.1	81.0
80.0	38.8	36.8	35.6	37.0	35.8	36.7	37.8	36.7	37.7	37.4	37.3	35.6	37.2	34.8	33.6	35.0
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	0.1

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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	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
10.0	287	287	287	287	288	287	288	287	288	287	288	288	288	287	287	288
20.0	272	271	272	271	272	271	272	272	272	271	272	272	272	272	272	271
30.0	247	246	246	248	247	248	247	248	247	246	248	247	248	248	247	246
40.0	213	212	215	215	214	213	216	215	214	213	217	214	217	215	217	213
50.0	173	172	176	175	173	175	176	173	175	176	175	174	175	175	177	175
60.0	131	129	131	129	131	127	131	130	132	131	133	129	130	130	132	130
70.0	82.5	81.4	82.6	81.7	80.5	82.1	83.4	82.8	84.7	83.1	85.1	84.2	85.1	82.4	84.4	82.7
80.0	36.6	35.5	36.8	35.7	37.3	36.2	35.1	36.9	36.2	37.2	39.1	38.2	39.1	39.1	38.5	36.8
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	0.3

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Luminous Intensity Table (cd) (Continued)

$\gamma \setminus C$	320.0	330.0	340.0	350.0	360.0
0.0	293	293	293	293	293
10.0	287	287	287	287	287
20.0	272	271	272	271	272
30.0	247	246	247	248	247
40.0	216	215	214	215	215
50.0	177	176	175	175	176
60.0	132	131	132	130	131
70.0	84.0	82.8	81.7	82.7	83.4
80.0	38.1	36.8	38.4	36.8	38.8
90.0	0.3	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	7.0	7.0	0.8	0.8
10 deg	5.00 - 15.00	54.6	61.6	7.3	7.3
20 deg	15.00 - 25.00	101.7	163.4	19.2	19.3
30 deg	25.00 - 35.00	135.2	298.5	35.1	35.3
40 deg	35.00 - 45.00	151.1	449.6	52.9	53.2
50 deg	45.00 - 55.00	146.6	596.1	70.2	70.5
60 deg	55.00 - 65.00	123.7	719.9	84.7	85.2
70 deg	65.00 - 75.00	85.2	805.1	94.8	95.3
80 deg	75.00 - 85.00	39.8	844.9	99.5	100.0
90 deg	85.00 - 90.00	0.1	845.0	99.5	100.0

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

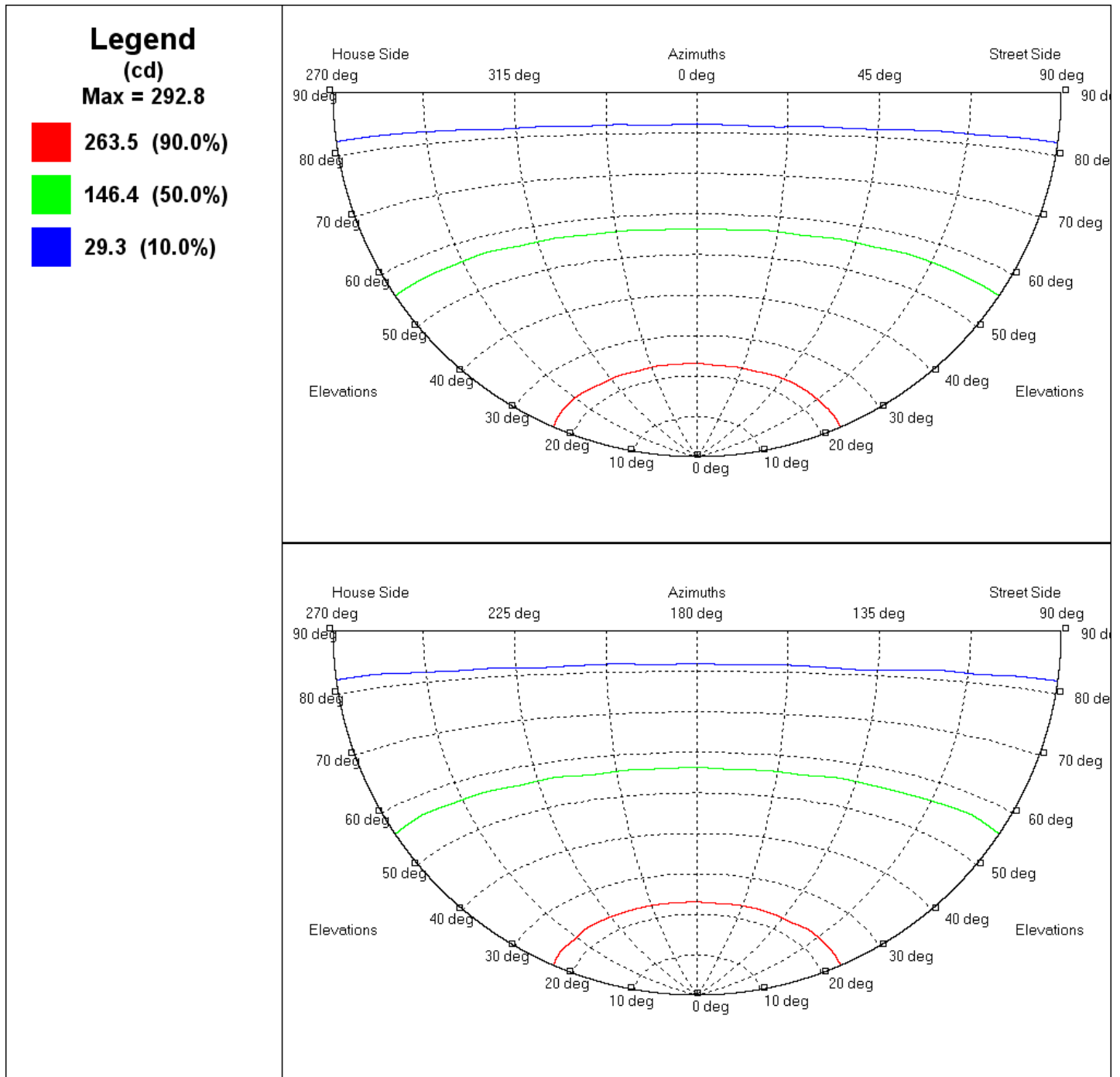
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IsoCandela Diagram



All luminous intensity values in cd

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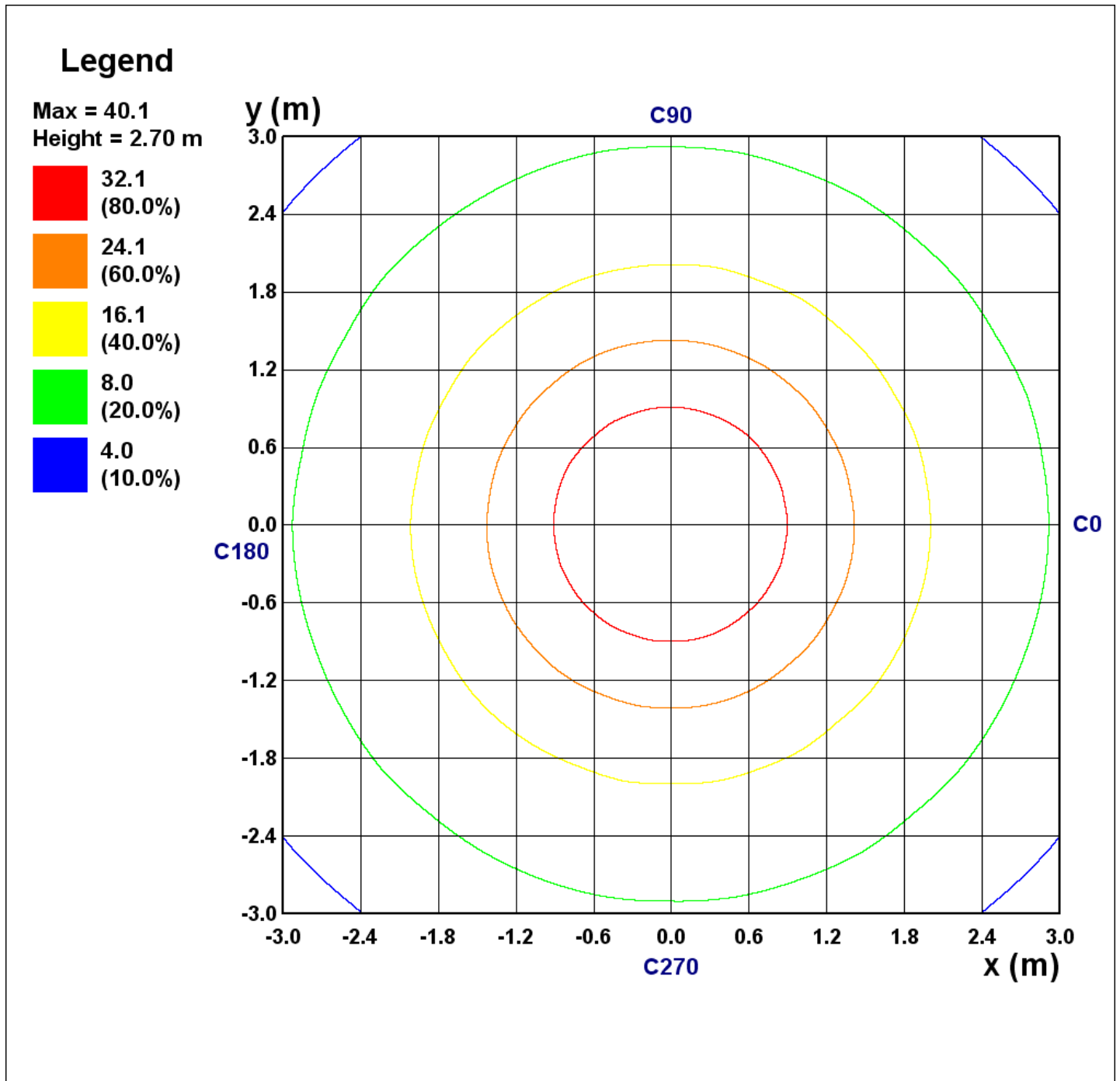
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IsoLux Diagram



All illuminance values in lx

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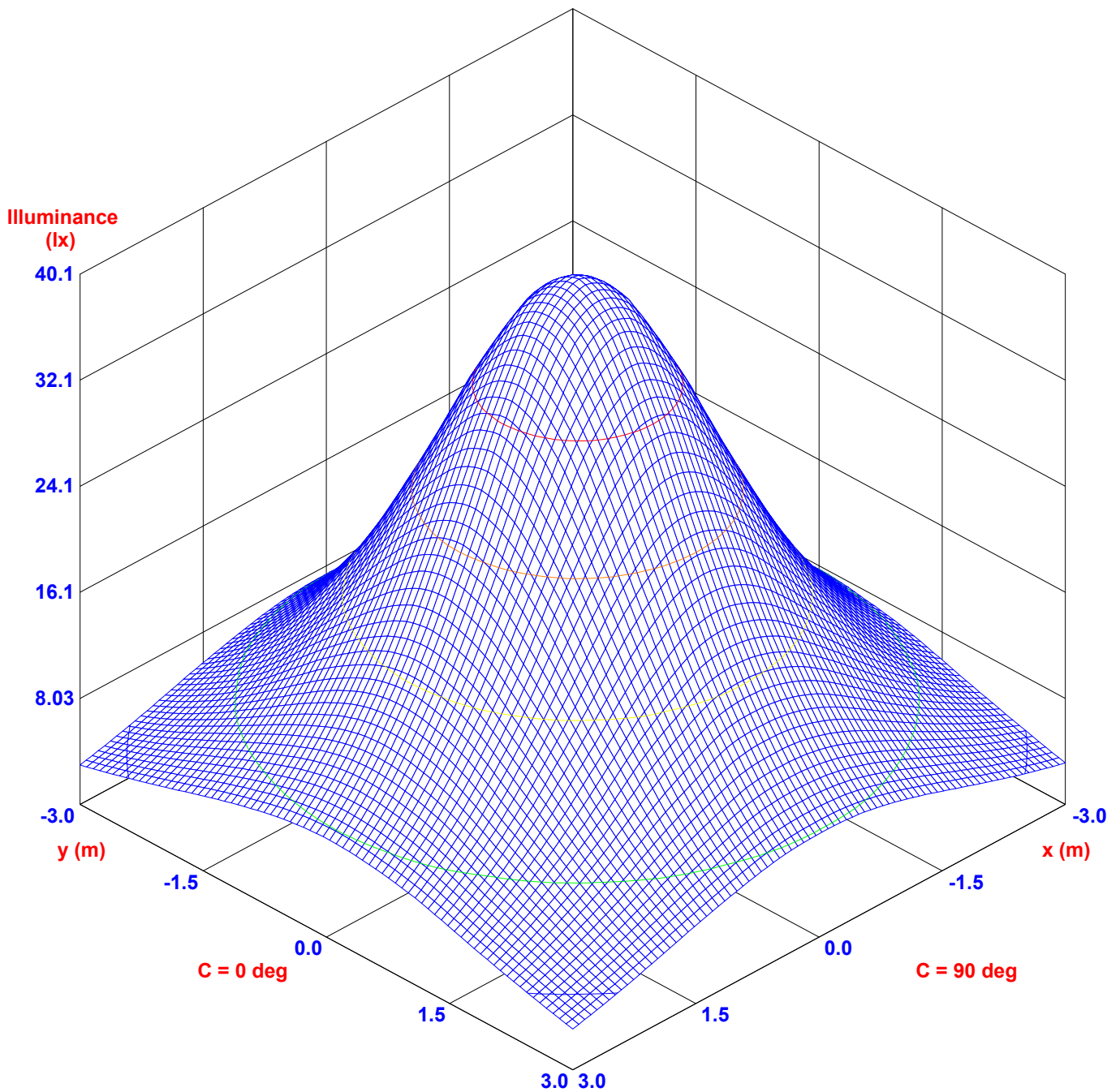
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IsoLux 3D



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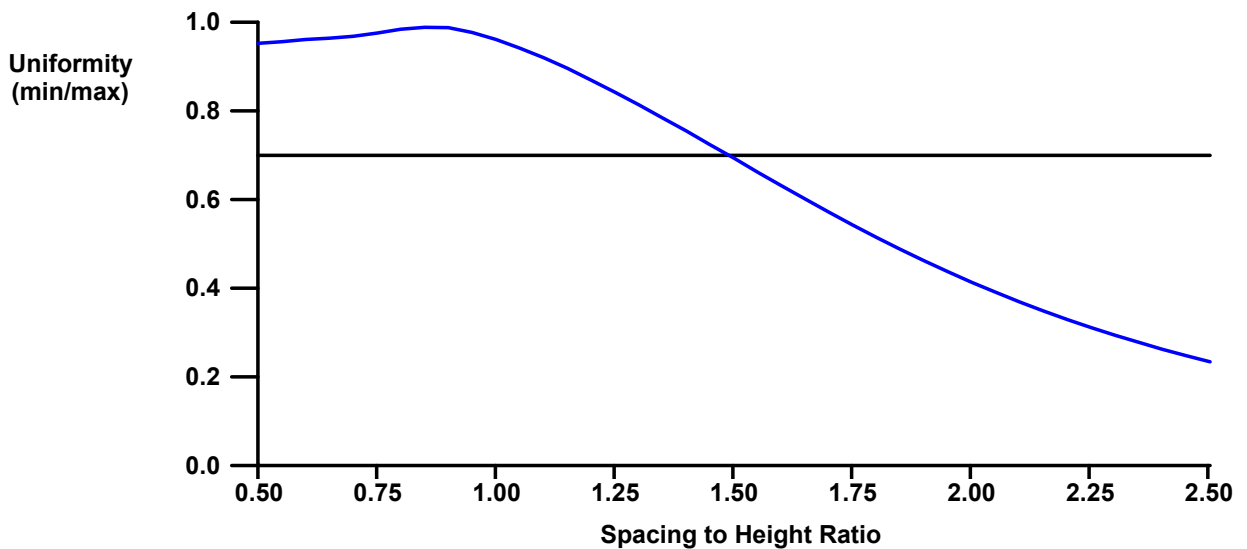
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TM5 Utilisation Factor Table

SHR Nominal = 1.25:1 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	0.55	0.66	0.73	0.78	0.86	0.91	0.95	0.99	1.02
0.70	0.30	0.20	0.48	0.58	0.66	0.71	0.80	0.85	0.89	0.95	0.99
0.70	0.10	0.20	0.42	0.52	0.60	0.66	0.74	0.80	0.85	0.91	0.95
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.87	0.91	0.95	0.98
0.50	0.30	0.20	0.47	0.57	0.64	0.70	0.77	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	0.92
0.30	0.50	0.20	0.52	0.62	0.68	0.73	0.80	0.84	0.87	0.92	0.94
0.30	0.30	0.20	0.46	0.56	0.63	0.68	0.75	0.80	0.84	0.89	0.92
0.30	0.10	0.20	0.41	0.51	0.58	0.64	0.71	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:	0.60	0.51	0.44	0.39	0.31	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

