

Report No	:		Voltage	:	230.040 V
Test No	:	A2117343A001	Current	:	0.693 A
LumCAT	:		Power	:	155.860 W
Luminaire	:	HD03f-21000-UNV-150-210901	PF	:	0.977
LampCAT	:	-	Ballast type	:	
Lamp flux	:	lm	Width	:	0 mm
Number of Lamps	:	1	Length	:	0 mm
Phm Type	:	C	Height	:	0 mm

Photometric Results

Lumens(lm)	:	23499.14	Central intensity(cd)	:	9271.000
Efficiency(%)	:	100.00%	Maximum intensity(cd)	:	9271.000
Luminous Efficacy(lm/W)	:	150.77	Angle of maximum intensity	:	C=0.0 γ =0.0
Beam Angle(50%Imax)	:	[C0/180]Total=108.8 [C90/270]Total=108.1			
Field angle(10%Imax)	:	[C0/180]Total=142.9 [C90/270]Total=143.0			
Maximum s/h(1/2)	:	C0_180=1.30 C90_270=1.28			
Maximum s/h(1/4)	:	C0_180=1.41 C90_270=1.39			
CIE Type	:	Direct lighting			
Output flux ratio in π solid angle	:	88.669%			

Zonal flux distribution table

Appendix Page: 2 Total:14

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	9270.167	0.000	0	0.00%	0.00%
1.0	9268.583	8.870	8.87	0.04%	0.04%
2.0	9264.000	26.600	35.47	0.11%	0.15%
3.0	9257.167	44.297	79.767	0.19%	0.34%
4.0	9248.083	61.943	141.71	0.26%	0.60%
5.0	9235.083	79.514	221.223	0.34%	0.94%
6.0	9220.167	96.987	318.211	0.41%	1.35%
7.0	9202.167	114.347	432.558	0.49%	1.84%
8.0	9182.500	131.576	564.133	0.56%	2.40%
9.0	9158.833	148.647	712.78	0.63%	3.03%
10.0	9132.833	165.533	878.313	0.70%	3.74%
11.0	9103.417	182.218	1060.53	0.78%	4.51%
12.0	9070.917	198.671	1259.202	0.85%	5.36%
13.0	9036.500	214.889	1474.091	0.91%	6.27%
14.0	8999.917	230.865	1704.956	0.98%	7.26%
15.0	8960.333	246.566	1951.522	1.05%	8.30%
16.0	8918.333	261.972	2213.494	1.11%	9.42%
17.0	8872.500	277.051	2490.546	1.18%	10.60%
18.0	8825.167	291.796	2782.342	1.24%	11.84%
19.0	8774.833	306.204	3088.546	1.30%	13.14%
20.0	8721.000	320.222	3408.768	1.36%	14.51%
21.0	8664.833	333.843	3742.611	1.42%	15.93%
22.0	8604.583	347.036	4089.647	1.48%	17.40%
23.0	8542.000	359.782	4449.429	1.53%	18.93%
24.0	8477.417	372.105	4821.534	1.58%	20.52%
25.0	8408.333	383.945	5205.48	1.63%	22.15%
26.0	8337.917	395.297	5600.777	1.68%	23.83%
27.0	8264.667	406.186	6006.963	1.73%	25.56%
28.0	8188.917	416.570	6423.532	1.77%	27.34%
29.0	8107.417	426.358	6849.89	1.81%	29.15%
30.0	8025.667	435.590	7285.48	1.85%	31.00%
31.0	7937.833	444.241	7729.722	1.89%	32.89%
32.0	7850.583	452.320	8182.041	1.92%	34.82%
33.0	7755.833	459.771	8641.812	1.96%	36.78%
34.0	7659.667	466.518	9108.33	1.99%	38.76%
35.0	7558.833	472.630	9580.961	2.01%	40.77%
36.0	7456.667	478.096	10059.057	2.03%	42.81%
37.0	7351.250	482.951	10542.008	2.06%	44.86%

Equipment:
Temperature($^{\circ}\text{C}$): 24.9

Date: 2021/12/22
Humidity(%): 45.0%

Operator: CWQ
Distance(m): 10.00

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	7242.000	487.103	11029.111	2.07%	46.93%
39.0	7127.833	490.482	11519.593	2.09%	49.02%
40.0	7011.833	493.141	12012.735	2.10%	51.12%
41.0	6891.583	495.094	12507.829	2.11%	53.23%
42.0	6766.750	496.231	13004.06	2.11%	55.34%
43.0	6639.000	496.588	13500.648	2.11%	57.45%
44.0	6504.000	496.053	13996.701	2.11%	59.56%
45.0	6362.750	494.484	14491.185	2.10%	61.67%
46.0	6215.667	491.915	14983.1	2.09%	63.76%
47.0	6058.750	488.185	15471.285	2.08%	65.84%
48.0	5895.500	483.253	15954.539	2.06%	67.89%
49.0	5720.500	477.018	16431.556	2.03%	69.92%
50.0	5537.083	469.367	16900.923	2.00%	71.92%
51.0	5335.250	459.992	17360.915	1.96%	73.88%
52.0	5132.583	449.183	17810.098	1.91%	75.79%
53.0	4912.250	436.949	18247.047	1.86%	77.65%
54.0	4689.583	423.209	18670.256	1.80%	79.45%
55.0	4444.083	407.711	19077.967	1.74%	81.19%
56.0	4197.083	390.470	19468.438	1.66%	82.85%
57.0	3941.750	372.126	19840.564	1.58%	84.43%
58.0	3683.917	352.638	20193.202	1.50%	85.93%
59.0	3420.583	332.140	20525.342	1.41%	87.35%
60.0	3164.000	311.079	20836.42	1.32%	88.67%
61.0	2901.583	289.462	21125.882	1.23%	89.90%
62.0	2650.417	267.528	21393.41	1.14%	91.04%
63.0	2394.583	245.365	21638.775	1.04%	92.08%
64.0	2184.750	224.706	21863.481	0.96%	93.04%
65.0	1970.633	205.646	22069.127	0.88%	93.91%
66.0	1761.892	186.229	22255.356	0.79%	94.71%
67.0	1595.942	168.841	22424.198	0.72%	95.43%
68.0	1428.683	153.218	22577.415	0.65%	96.08%
69.0	1272.558	137.804	22715.22	0.59%	96.66%
70.0	1126.333	123.203	22838.422	0.52%	97.19%
71.0	992.033	109.489	22947.911	0.47%	97.65%
72.0	862.317	96.421	23044.332	0.41%	98.06%
73.0	745.708	84.088	23128.42	0.36%	98.42%
74.0	638.342	72.763	23201.183	0.31%	98.73%
75.0	544.950	62.521	23263.703	0.27%	99.00%

Zonal flux distribution table

Appendix Page: 4 Total:14

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	456.792	53.176	23316.88	0.23%	99.22%
77.0	383.792	44.816	23361.696	0.19%	99.42%
78.0	300.850	36.649	23398.345	0.16%	99.57%
79.0	238.267	28.967	23427.312	0.12%	99.69%
80.0	180.092	22.555	23449.866	0.10%	99.79%
81.0	131.892	16.872	23466.738	0.07%	99.86%
82.0	91.958	12.139	23478.877	0.05%	99.91%
83.0	60.750	8.301	23487.178	0.04%	99.95%
84.0	38.608	5.413	23492.591	0.02%	99.97%
85.0	22.142	3.316	23495.907	0.01%	99.99%
86.0	10.325	1.775	23497.682	0.01%	99.99%
87.0	3.908	0.779	23498.461	0.00%	100.00%
88.0	1.467	0.294	23498.755	0.00%	100.00%
89.0	0.567	0.111	23498.866	0.00%	100.00%
90.0	0.408	0.053	23498.92	0.00%	100.00%
91.0	0.358	0.042	23498.962	0.00%	100.00%
92.0	0.367	0.040	23499.002	0.00%	100.00%
93.0	0.408	0.042	23499.044	0.00%	100.00%
94.0	0.442	0.047	23499.091	0.00%	100.00%
95.0	0.483	0.051	23499.141	0.00%	100.00%

Equipment:
Temperature($^{\circ}\text{C}$): 24.9

Date: 2021/12/22
Humidity(%): 45.0%

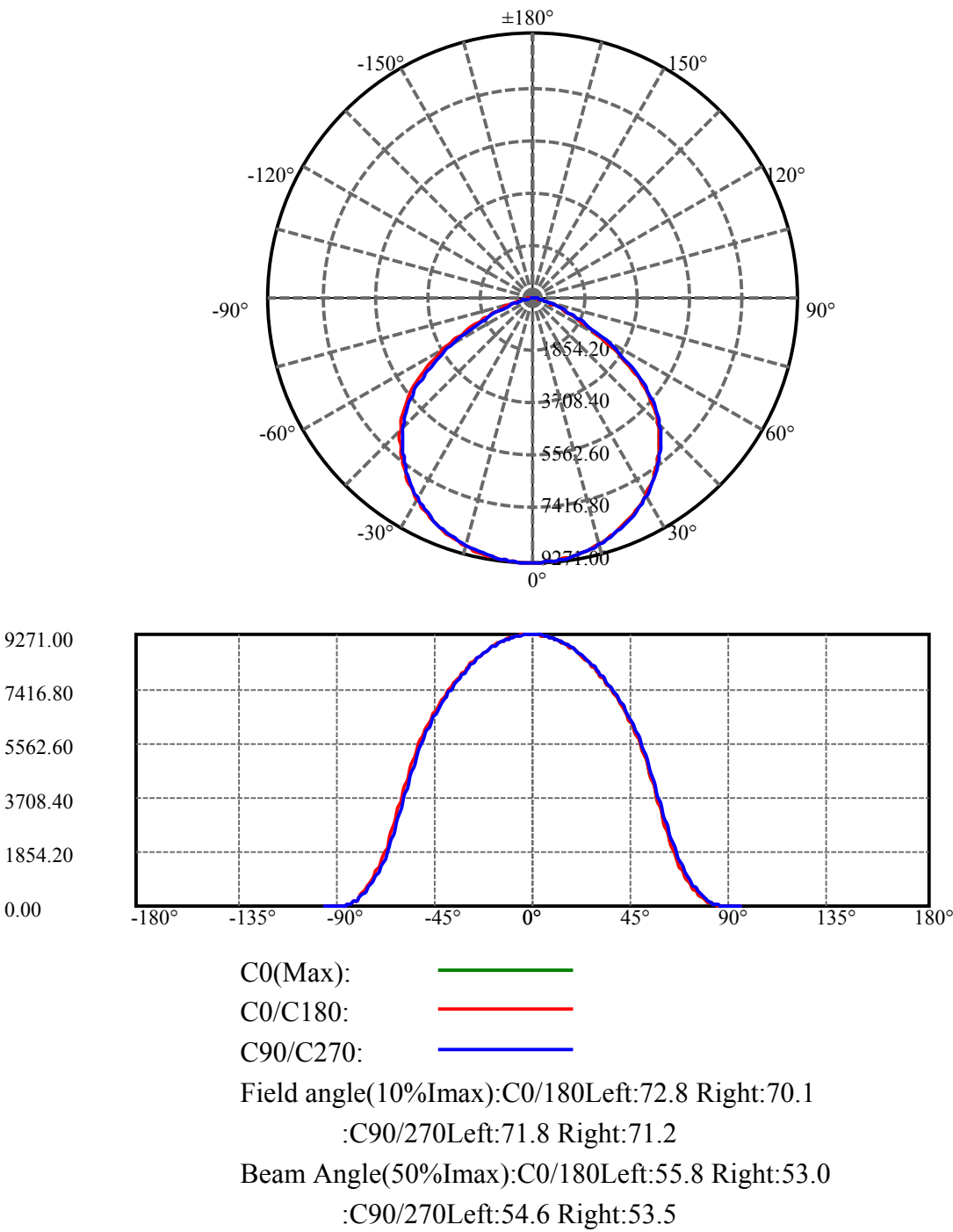
Operator: CWQ
Distance(m): 10.00

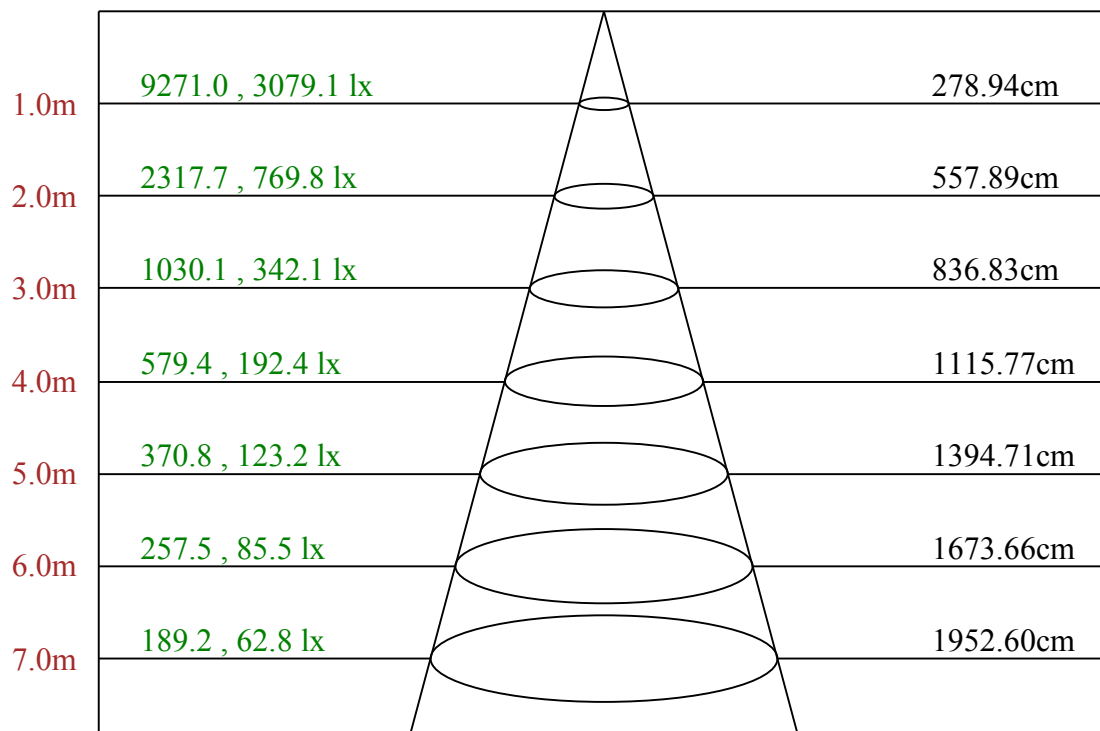
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	7285.48	31.00%
0-40	12012.73	51.12%
0-60	20836.42	88.67%
0-90	23498.92	100.00%
0-120	23499.09	100.00%
0-180	23499.14	100.00%
60-90	2662.50	11.33%
90-120	0.17	0.00%
90-130	0.17	0.00%
90-150	0.17	0.00%
90-180	0.17	0.00%
0-54.32	18799.31	80.00%

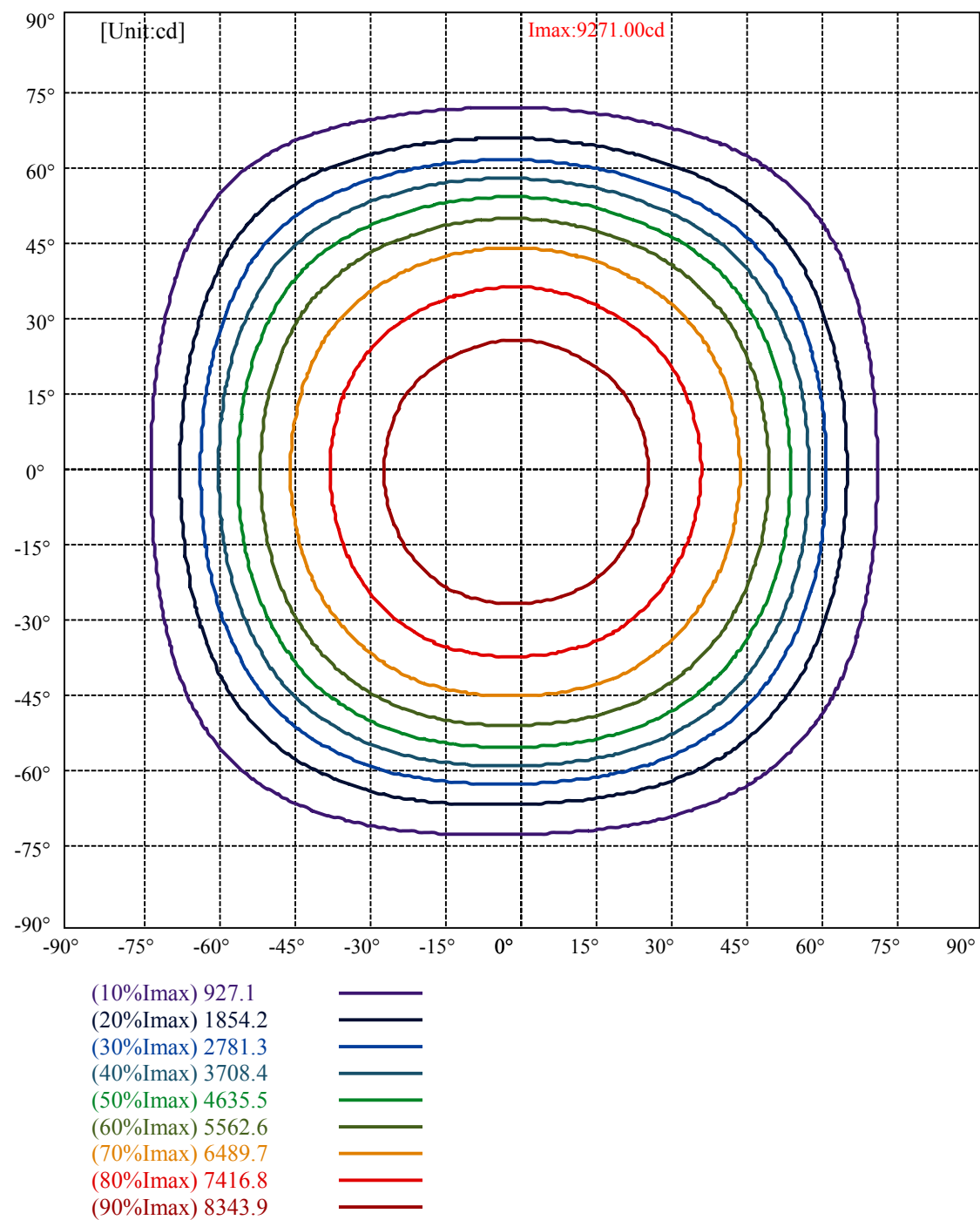
ZONAL LUMEN SUMMARY

0-10	878.31
10-20	2530.46
20-30	3876.71
30-40	4727.25
40-50	4888.19
50-60	3935.50
60-70	2002.00
70-80	611.44
80-90	49.05
90-100	0.17
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00





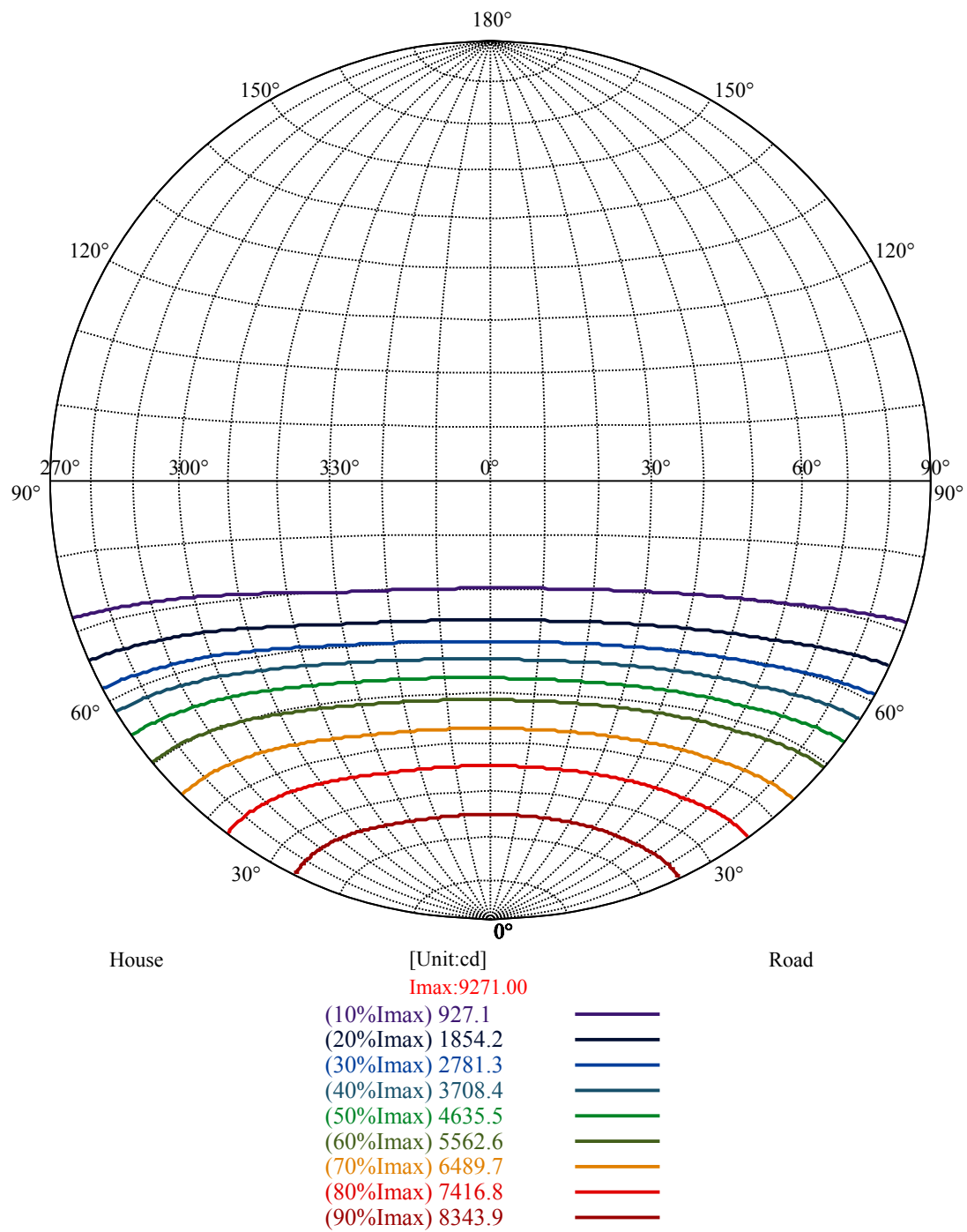
Max , Ave Beam angle of C0 plane 108.72

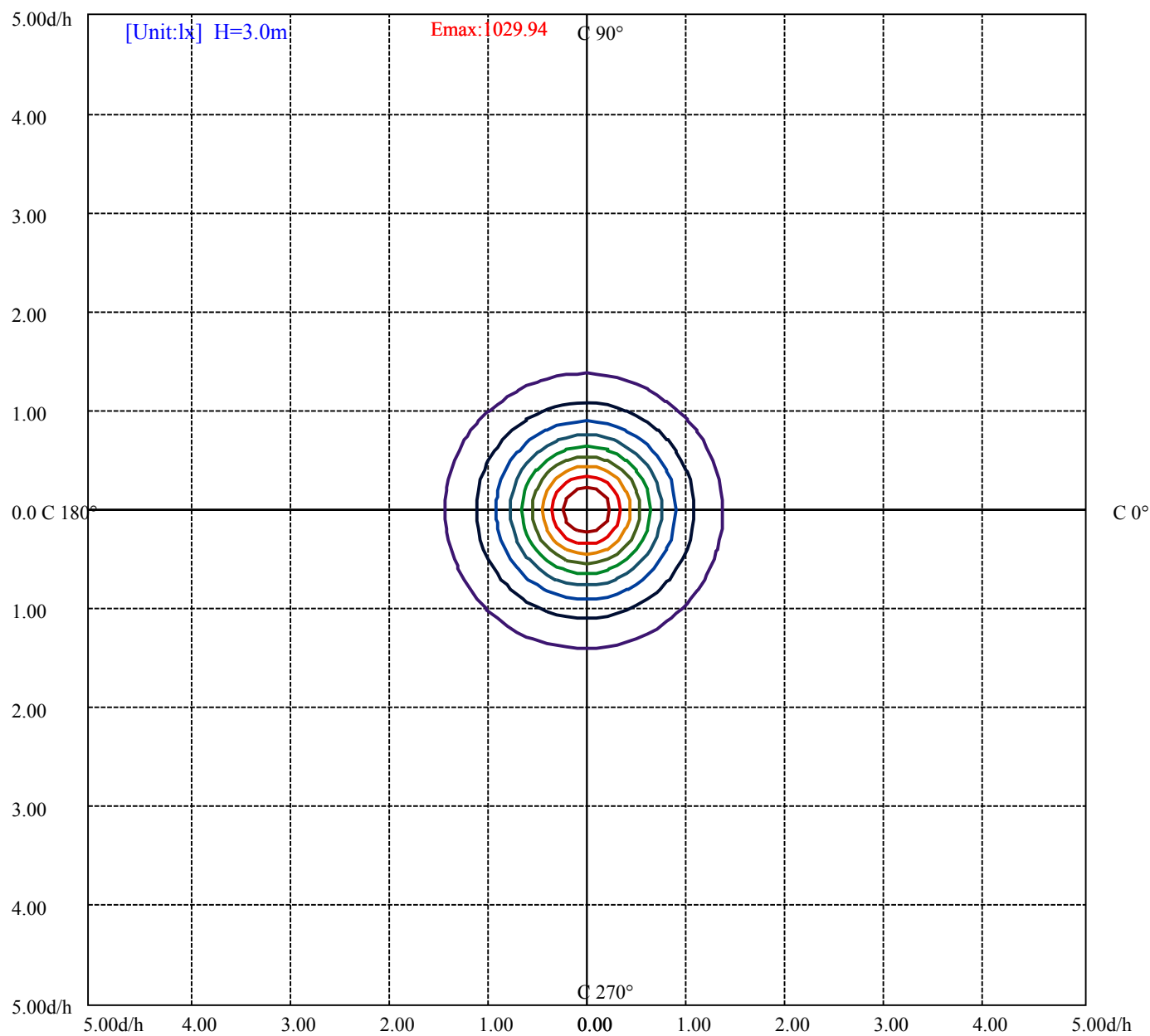


Equipment:
Temperature(°C): 24.9

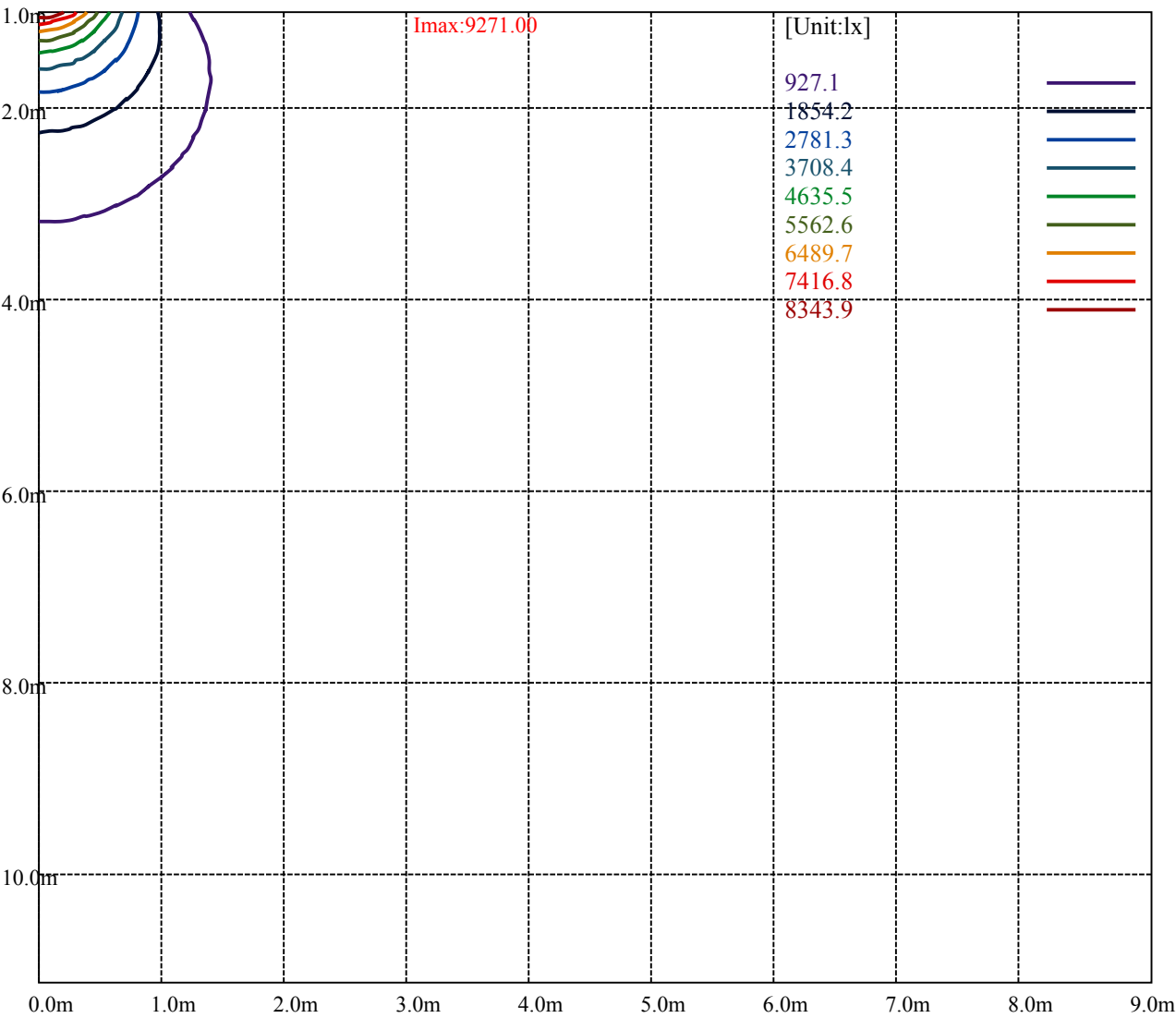
Date: 2021/12/22
Humidity(%): 45.0%

Operator: CWQ
Distance(m): 10.00





(10%Emax)	102.9944	
(20%Emax)	205.9889	
(30%Emax)	308.9833	
(40%Emax)	411.9778	
(50%Emax)	514.9722	
(60%Emax)	617.9667	
(70%Emax)	720.9611	
(80%Emax)	823.9556	
(90%Emax)	926.95	



C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	9271.00	9268.00	9262.00	9253.00	9241.00	9227.00	9210.00	9189.00	9168.00
30.0	9269.00	9265.00	9258.00	9249.00	9237.00	9220.00	9204.00	9182.00	9160.00
60.0	9270.00	9266.00	9258.00	9248.00	9236.00	9220.00	9201.00	9181.00	9156.00
90.0	9271.00	9268.00	9263.00	9254.00	9245.00	9231.00	9216.00	9195.00	9176.00
120.0	9270.00	9268.00	9263.00	9256.00	9247.00	9232.00	9216.00	9200.00	9179.00
150.0	9270.00	9270.00	9267.00	9262.00	9255.00	9244.00	9231.00	9215.00	9198.00
180.0	9271.00	9271.00	9268.00	9264.00	9255.00	9244.00	9232.00	9215.00	9201.00
210.0	9269.00	9268.00	9266.00	9261.00	9255.00	9244.00	9231.00	9215.00	9200.00
240.0	9270.00	9271.00	9269.00	9265.00	9259.00	9250.00	9237.00	9223.00	9206.00
270.0	9271.00	9270.00	9267.00	9261.00	9254.00	9242.00	9228.00	9210.00	9191.00
300.0	9270.00	9271.00	9266.00	9260.00	9252.00	9241.00	9226.00	9209.00	9188.00
330.0	9270.00	9267.00	9261.00	9253.00	9241.00	9226.00	9210.00	9192.00	9167.00
360.0	9271.00	9268.00	9262.00	9253.00	9241.00	9227.00	9210.00	9189.00	9168.00
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	9142.00	9112.00	9082.00	9045.00	9011.00	8967.00	8929.00	8881.00	8833.00
30.0	9132.00	9108.00	9072.00	9038.00	9000.00	8962.00	8920.00	8875.00	8824.00
60.0	9131.00	9102.00	9071.00	9037.00	8996.00	8959.00	8913.00	8871.00	8818.00
90.0	9150.00	9125.00	9093.00	9059.00	9024.00	8988.00	8946.00	8901.00	8855.00
120.0	9156.00	9130.00	9099.00	9067.00	9032.00	8996.00	8955.00	8912.00	8865.00
150.0	9178.00	9155.00	9129.00	9099.00	9064.00	9032.00	8993.00	8953.00	8910.00
180.0	9177.00	9156.00	9128.00	9099.00	9068.00	9033.00	8998.00	8959.00	8917.00
210.0	9179.00	9156.00	9130.00	9098.00	9071.00	9034.00	9002.00	8960.00	8919.00
240.0	9186.00	9160.00	9135.00	9106.00	9075.00	9042.00	9006.00	8968.00	8927.00
270.0	9168.00	9142.00	9112.00	9082.00	9050.00	9015.00	8972.00	8935.00	8888.00
300.0	9163.00	9137.00	9108.00	9077.00	9040.00	9004.00	8965.00	8924.00	8880.00
330.0	9144.00	9111.00	9082.00	9044.00	9007.00	8967.00	8925.00	8881.00	8834.00
360.0	9142.00	9112.00	9082.00	9045.00	9011.00	8967.00	8929.00	8881.00	8833.00
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	8782.00	8728.00	8673.00	8614.00	8551.00	8487.00	8418.00	8347.00	8272.00
30.0	8776.00	8727.00	8666.00	8606.00	8543.00	8478.00	8410.00	8336.00	8256.00
60.0	8766.00	8710.00	8653.00	8591.00	8527.00	8460.00	8391.00	8318.00	8244.00
90.0	8804.00	8752.00	8696.00	8637.00	8571.00	8512.00	8440.00	8377.00	8298.00
120.0	8815.00	8764.00	8710.00	8653.00	8592.00	8524.00	8465.00	8391.00	8327.00
150.0	8865.00	8816.00	8764.00	8710.00	8653.00	8594.00	8532.00	8466.00	8399.00
180.0	8871.00	8825.00	8774.00	8721.00	8664.00	8607.00	8545.00	8481.00	8414.00
210.0	8875.00	8828.00	8777.00	8725.00	8671.00	8612.00	8551.00	8488.00	8424.00
240.0	8884.00	8836.00	8786.00	8733.00	8678.00	8620.00	8560.00	8496.00	8430.00
270.0	8846.00	8791.00	8745.00	8687.00	8630.00	8570.00	8506.00	8439.00	8370.00
300.0	8831.00	8787.00	8728.00	8679.00	8615.00	8552.00	8487.00	8416.00	8344.00
330.0	8787.00	8734.00	8680.00	8622.00	8560.00	8488.00	8424.00	8345.00	8277.00
360.0	8782.00	8728.00	8673.00	8614.00	8551.00	8487.00	8418.00	8347.00	8272.00
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	8197.00	8118.00	8025.00	7946.00	7848.00	7763.00	7666.00	7556.00	7463.00
30.0	8187.00	8108.00	8023.00	7936.00	7837.00	7752.00	7647.00	7556.00	7442.00
60.0	8167.00	8086.00	8002.00	7914.00	7823.00	7729.00	7631.00	7531.00	7418.00
90.0	8230.00	8152.00	8063.00	7987.00	7891.00	7808.00	7704.00	7608.00	7507.00
120.0	8248.00	8173.00	8092.00	8008.00	7923.00	7835.00	7743.00	7648.00	7550.00
150.0	8328.00	8256.00	8182.00	8102.00	8021.00	7935.00	7839.00	7756.00	7654.00
180.0	8344.00	8272.00	8190.00	8120.00	8032.00	7955.00	7859.00	7768.00	7674.00
210.0	8355.00	8283.00	8202.00	8132.00	8043.00	7966.00	7878.00	7779.00	7693.00
240.0	8361.00	8284.00	8215.00	8132.00	8059.00	7967.00	7878.00	7794.00	7688.00
270.0	8297.00	8223.00	8144.00	8060.00	7975.00	7887.00	7797.00	7700.00	7602.00
300.0	8268.00	8191.00	8113.00	8029.00	7941.00	7852.00	7759.00	7663.00	7561.00
330.0	8194.00	8121.00	8038.00	7942.00	7861.00	7758.00	7669.00	7557.00	7454.00
360.0	8197.00	8118.00	8025.00	7946.00	7848.00	7763.00	7666.00	7556.00	7463.00

Intensity data(cd)

Appendix Page: 13 Total:14

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	7346.00	7246.00	7124.00	7005.00	6884.00	6758.00	6628.00	6493.00	6353.00
30.0	7337.00	7228.00	7114.00	6995.00	6872.00	6744.00	6614.00	6477.00	6333.00
60.0	7321.00	7202.00	7100.00	6972.00	6848.00	6720.00	6588.00	6450.00	6305.00
90.0	7404.00	7296.00	7186.00	7073.00	6955.00	6833.00	6704.00	6571.00	6432.00
120.0	7448.00	7345.00	7236.00	7126.00	7011.00	6892.00	6768.00	6639.00	6503.00
150.0	7565.00	7455.00	7351.00	7244.00	7133.00	7018.00	6901.00	6778.00	6651.00
180.0	7577.00	7485.00	7371.00	7263.00	7154.00	7039.00	6922.00	6802.00	6675.00
210.0	7585.00	7493.00	7380.00	7271.00	7160.00	7046.00	6928.00	6806.00	6680.00
240.0	7591.00	7488.00	7384.00	7274.00	7162.00	7047.00	6928.00	6807.00	6680.00
270.0	7502.00	7388.00	7289.00	7168.00	7065.00	6937.00	6818.00	6691.00	6560.00
300.0	7459.00	7353.00	7245.00	7136.00	7012.00	6904.00	6769.00	6652.00	6509.00
330.0	7345.00	7236.00	7124.00	7007.00	6886.00	6761.00	6633.00	6502.00	6367.00
360.0	7346.00	7246.00	7124.00	7005.00	6884.00	6758.00	6628.00	6493.00	6353.00

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	6206.00	6047.00	5877.00	5696.00	5505.00	5305.00	5077.00	4877.00	4623.00
30.0	6181.00	6016.00	5843.00	5658.00	5468.00	5266.00	5056.00	4834.00	4580.00
60.0	6151.00	5988.00	5813.00	5627.00	5430.00	5222.00	5004.00	4753.00	4534.00
90.0	6288.00	6137.00	5979.00	5808.00	5623.00	5427.00	5202.00	5006.00	4755.00
120.0	6346.00	6213.00	6043.00	5895.00	5704.00	5534.00	5319.00	5112.00	4893.00
150.0	6518.00	6379.00	6235.00	6087.00	5931.00	5766.00	5572.00	5400.00	5203.00
180.0	6544.00	6407.00	6266.00	6119.00	5965.00	5804.00	5615.00	5447.00	5233.00
210.0	6551.00	6413.00	6271.00	6123.00	5969.00	5808.00	5615.00	5446.00	5231.00
240.0	6550.00	6412.00	6269.00	6119.00	5962.00	5781.00	5618.00	5411.00	5227.00
270.0	6423.00	6278.00	6128.00	5968.00	5798.00	5616.00	5423.00	5221.00	5007.00
300.0	6372.00	6226.00	6072.00	5908.00	5733.00	5548.00	5355.00	5149.00	4932.00
330.0	6223.00	6072.00	5909.00	5738.00	5558.00	5368.00	5167.00	4935.00	4729.00
360.0	6206.00	6047.00	5877.00	5696.00	5505.00	5305.00	5077.00	4877.00	4623.00

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	4403.00	4128.00	3866.00	3597.00	3327.00	3060.00	2791.00	2531.00	2289.00
30.0	4359.00	4085.00	3849.00	3563.00	3299.00	3039.00	2778.00	2529.00	2292.00
60.0	4284.00	4028.00	3768.00	3484.00	3252.00	2973.00	2746.00	2488.00	2263.00
90.0	4537.00	4266.00	4013.00	3757.00	3501.00	3246.00	2991.00	2741.00	2502.00
120.0	4663.00	4423.00	4179.00	3929.00	3676.00	3421.00	3163.00	2907.00	2658.00
150.0	4995.00	4756.00	4548.00	4289.00	4068.00	3794.00	3560.00	3272.00	3005.00
180.0	5047.00	4810.00	4583.00	4346.00	4097.00	3844.00	3585.00	3325.00	3062.00
210.0	5041.00	4821.00	4568.00	4351.00	4080.00	3847.00	3566.00	3308.00	3047.00
240.0	4996.00	4773.00	4539.00	4296.00	4046.00	3790.00	3531.00	3272.00	3013.00
270.0	4780.00	4542.00	4294.00	4040.00	3780.00	3493.00	3255.00	2973.00	2738.00
300.0	4702.00	4459.00	4206.00	3945.00	3678.00	3410.00	3145.00	2883.00	2600.00
330.0	4468.00	4238.00	3952.00	3704.00	3403.00	3130.00	2857.00	2590.00	2336.00
360.0	4403.00	4128.00	3866.00	3597.00	3327.00	3060.00	2791.00	2531.00	2289.00

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	2068.00	1866.00	1680.00	1510.00	1351.00	1203.00	1063.00	935.00	816.00
30.0	2075.00	1876.00	1692.00	1524.00	1366.00	1219.00	1080.00	940.00	832.00
60.0	1986.30	1864.90	1683.50	1517.20	1361.80	1215.20	1076.20	945.40	822.00
90.0	2277.00	2068.00	1873.00	1692.00	1526.00	1355.00	1222.00	1068.00	950.00
120.0	2420.00	2199.00	1993.70	1801.90	1605.90	1453.20	1281.50	1146.60	996.50
150.0	2742.00	2486.00	2245.00	2022.00	1814.00	1623.00	1449.00	1288.00	1141.00
180.0	2800.00	2546.00	2303.00	1985.70	1875.30	1684.30	1508.30	1343.80	1188.50
210.0	2789.00	2539.00	2301.00	1986.30	1876.10	1684.80	1507.30	1343.70	1191.30
240.0	2756.00	2508.00	2271.00	2053.00	1854.00	1670.00	1498.00	1337.00	1182.00
270.0	2468.00	2257.00	1986.90	1824.20	1638.40	1465.70	1307.00	1160.40	1024.90
300.0	2375.00	2125.00	1934.00	1722.00	1544.00	1382.00	1229.00	1087.00	957.00
330.0	1978.70	1882.10	1684.50	1504.40	1338.80	1189.00	1049.40	921.10	803.20
360.0	2068.00	1866.00	1680.00	1510.00	1351.00	1203.00	1063.00	935.00	816.00

Equipment:
Temperature(°C): 24.9

Date: 2021/12/22
Humidity(%): 45.0%

Operator: CWQ
Distance(m): 10.00

Intensity data(cd)

Appendix Page: 14 Total:14

C/ γ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	694.00	602.00	511.00	428.90	349.40	283.60	230.90	174.30	130.20
30.0	708.00	616.00	516.00	434.80	362.50	289.20	237.70	177.50	121.80
60.0	713.30	614.90	526.50	445.00	366.30	297.80	198.50	170.40	124.00
90.0	811.00	702.00	615.00	517.00	440.10	355.00	289.20	220.00	156.90
120.0	877.00	743.40	635.20	536.80	449.70	364.20	297.90	197.60	170.10
150.0	1004.00	873.00	753.00	645.00	549.00	507.00	376.40	298.80	242.10
180.0	1044.20	894.70	772.30	670.90	564.80	461.10	376.60	304.00	198.80
210.0	1049.10	913.10	787.50	675.40	574.00	482.50	397.20	313.90	255.40
240.0	1026.00	902.00	763.00	663.00	553.00	511.00	380.10	309.20	252.30
270.0	896.40	777.40	669.20	574.80	486.70	405.50	333.50	273.50	195.20
300.0	833.00	715.00	612.00	519.00	436.90	361.20	293.70	239.20	187.80
330.0	691.80	595.00	499.40	428.80	349.10	287.40	198.50	180.80	126.50
360.0	694.00	602.00	511.00	428.90	349.40	283.60	230.90	174.30	130.20
C/ γ (°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	87.50	61.50	51.40	22.70	10.00	3.70	1.10	0.60	0.40
30.0	83.50	56.00	35.40	20.80	9.50	3.50	0.80	0.50	0.30
60.0	82.20	56.70	33.90	18.30	6.80	2.50	0.70	0.50	0.30
90.0	111.50	74.10	51.30	29.20	14.90	5.30	1.70	0.60	0.40
120.0	118.10	80.60	54.30	33.70	17.20	5.80	2.30	0.70	0.40
150.0	173.60	123.30	77.90	51.30	30.20	14.90	5.40	1.80	0.60
180.0	182.40	123.00	79.60	47.30	28.30	15.80	5.90	2.40	0.70
210.0	182.30	131.10	83.30	53.80	32.00	17.20	6.70	2.90	0.90
240.0	192.00	136.90	91.70	63.10	52.20	23.30	10.40	3.70	1.10
270.0	149.40	108.10	69.30	47.50	28.20	15.20	6.00	2.00	0.70
300.0	132.40	92.90	62.30	52.20	24.50	11.80	4.40	1.20	0.60
330.0	87.80	59.30	38.60	23.40	11.90	4.90	1.50	0.70	0.40
360.0	87.50	61.50	51.40	22.70	10.00	3.70	1.10	0.60	0.40
C/ γ (°)	90.0	91.0	92.0	93.0	94.0	95.0			
0.0	0.40	0.50	0.50	0.60	0.60	0.70			
30.0	0.30	0.30	0.30	0.40	0.40	0.40			
60.0	0.30	0.30	0.30	0.40	0.40	0.40			
90.0	0.30	0.30	0.30	0.30	0.40	0.40			
120.0	0.30	0.30	0.30	0.30	0.30	0.40			
150.0	0.40	0.30	0.30	0.30	0.30	0.30			
180.0	0.40	0.30	0.30	0.30	0.30	0.30			
210.0	0.60	0.40	0.40	0.40	0.50	0.50			
240.0	0.60	0.40	0.40	0.40	0.50	0.50			
270.0	0.50	0.40	0.40	0.50	0.50	0.60			
300.0	0.40	0.40	0.40	0.50	0.50	0.60			
330.0	0.40	0.40	0.50	0.50	0.60	0.70			
360.0	0.40	0.50	0.50	0.60	0.60	0.70			

Equipment:
Temperature(°C): 24.9

Date: 2021/12/22
Humidity(%): 45.0%

Operator: CWQ
Distance(m): 10.00