

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

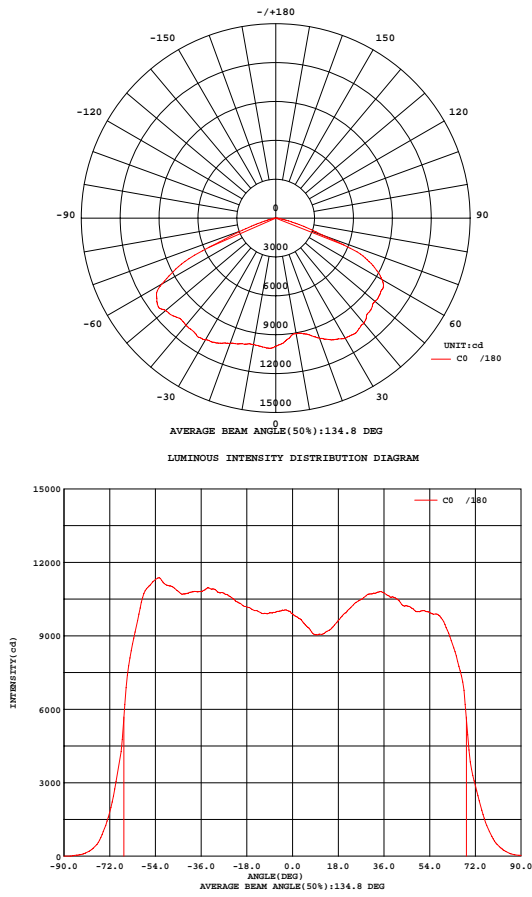


Fig. C0/C180

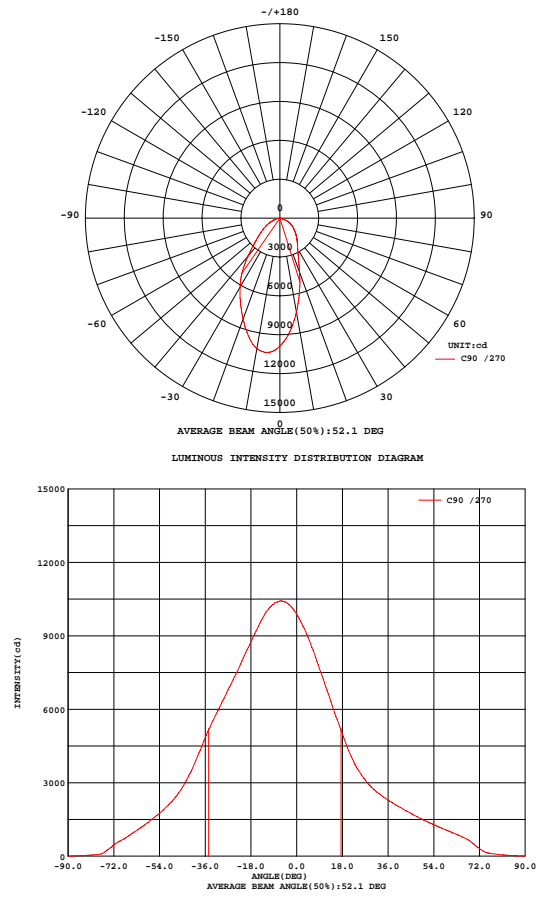


Fig. C90/C270

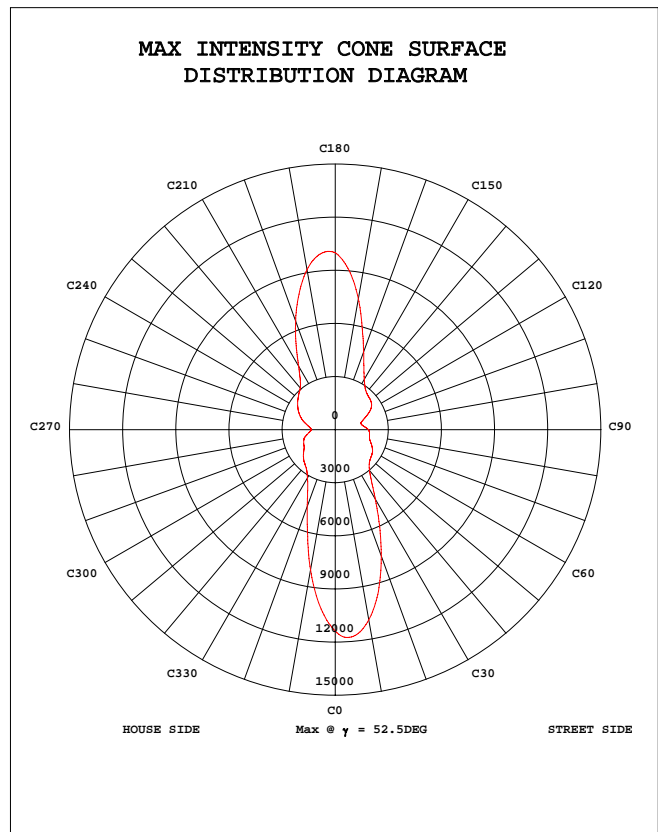
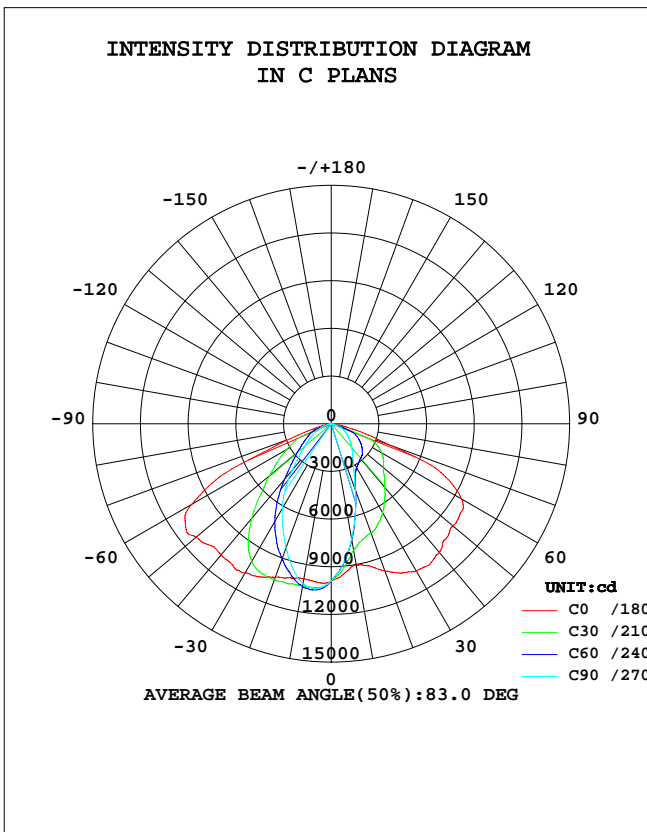
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.3DEG
Operators:wjfung
Test Date:2009-12-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R3000(2M3D) SYSTEM V1.0.136
Humidity:65.0%
Test Distance:16.000m [K=0.9113]
Remarks:

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.2V I:1.199A P:260.7W PF:0.987 Lamp Flux:26901x1 lm		
NAME: Street Light	TYPE:2D268	WEIGHT:
DIMENSION:	SPECIFICATION:250W	SERIAL No.:Y(2009)DJ-WT-L0485
MANUFACTURER:	SURFACE:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I _{max} (cd)	11369	η street_up(%)	0.0
NOMINAL POWER(W)	250	EFFICIENCY(%)	75.8	η street_down(%)	41.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	20378	η house_up(%)	0.0
NOMINAL FLUX(lm)	26901.0	MAXIMUM @(C,γ)	0,52.5	η house_down(%)	34.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220.1	η down(%)	75.8	SLI	

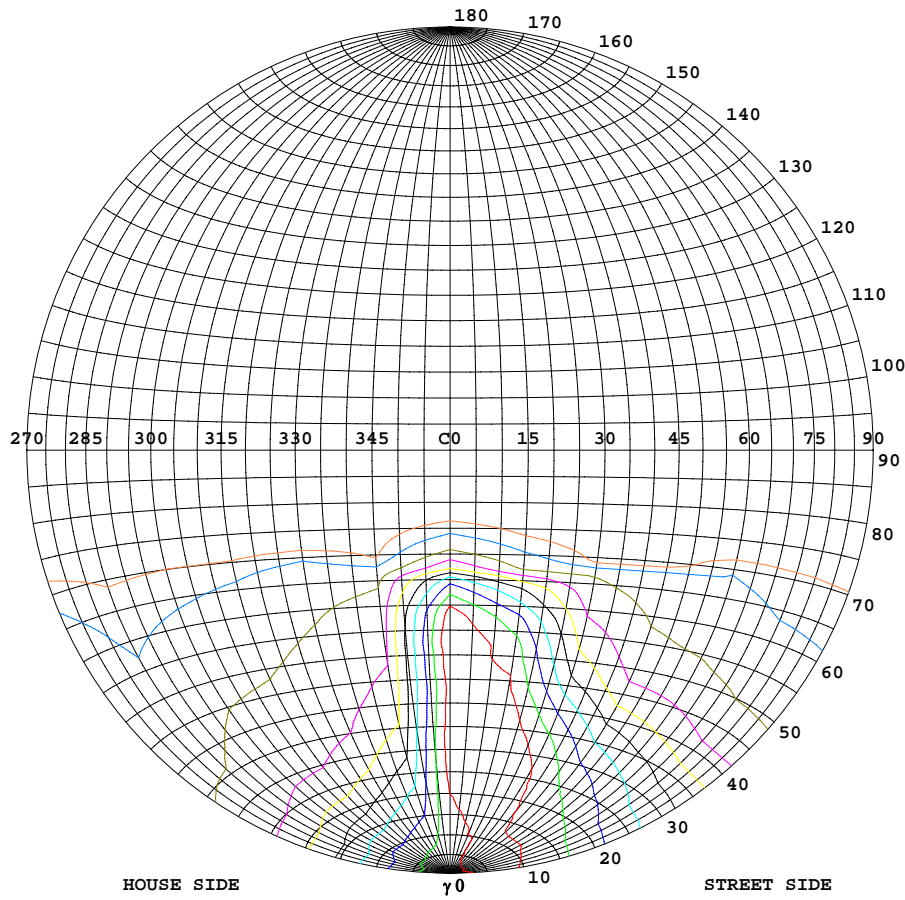


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Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

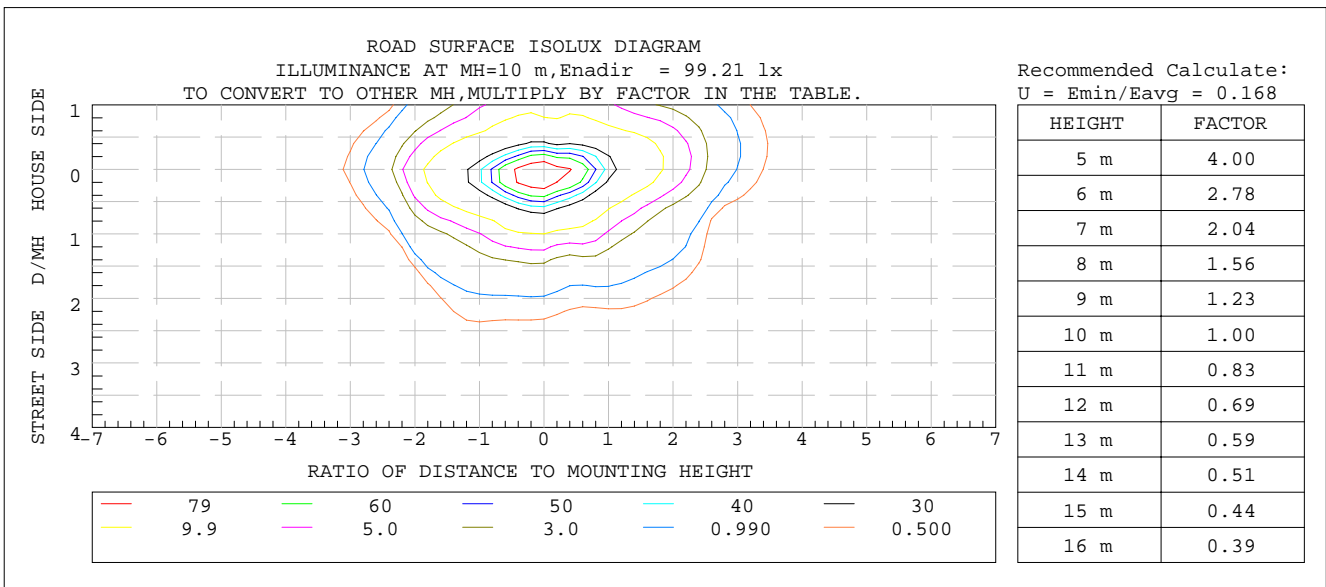
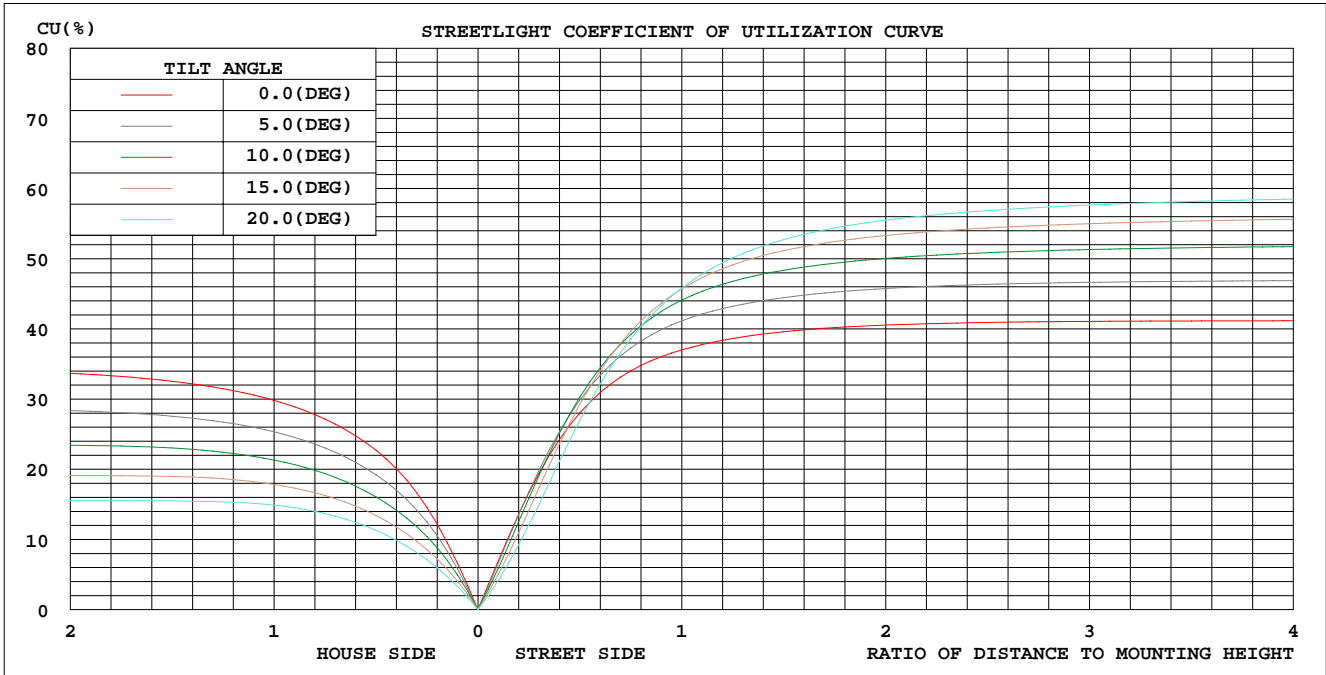


ISOCANDELA DIAGRAM	
UNIT	cd
I_{max}=100%	11369
— 90%	10232
— 80%	9095
— 70%	7958
— 60%	6821
— 50%	5685
— 40%	4548
— 30%	3411
— 20%	2274
— 10%	1137
— 5%	568

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 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



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Temperature: 24.3DEG
Operators: wjfung
Test Date: 2009-12-07

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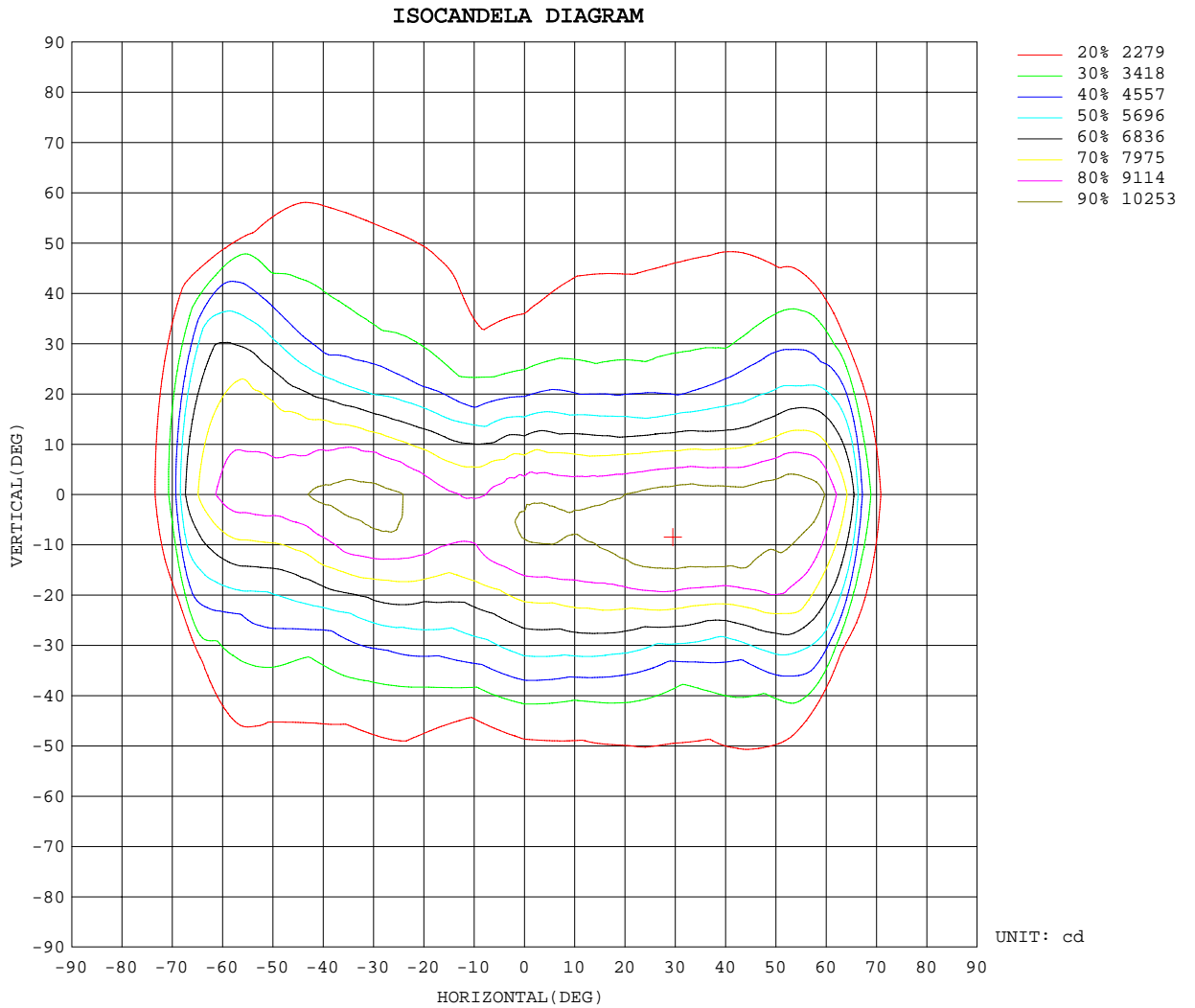
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5	1001	1037	1040	1002	944.9	901.5	881.1	933.2	0- 5	234.0	234.0
10	989.9	1031	1021	966.3	904.0	774.9	738.2	830.2	5- 10	669.0	903.1
15	1003	1003	939.8	894.8	926.1	663.6	583.6	721.9	10- 15	1035	1938
20	1028	964.8	832.2	820.0	986.6	574.6	442.7	603.3	15- 20	1333	3271
25	1063	897.5	720.5	746.2	1037	509.1	340.7	491.4	20- 25	1570	4841
30	1085	806.2	615.6	666.7	1070	441.6	276.8	403.0	25- 30	1750	6591
35	1085	679.2	507.9	573.1	1080	394.7	236.0	342.5	30- 35	1862	8453
40	1078	535.5	383.3	463.4	1056	356.9	203.8	306.3	35- 40	1884	10337
45	1081	394.4	281.2	368.9	1022	324.3	175.2	281.4	40- 45	1839	12176
50	1109	300.3	214.6	298.3	998.4	301.0	147.7	261.8	45- 50	1787	13963
55	1120	249.9	166.2	230.8	989.9	281.5	124.1	238.3	50- 55	1742	15704
60	1013	213.5	126.4	185.3	945.9	259.3	101.7	210.7	55- 60	1654	17358
65	739.4	179.5	91.20	154.3	794.7	231.8	79.51	176.0	60- 65	1449	18807
70	273.9	26.32	59.26	104.0	384.8	181.6	46.97	96.92	65- 70	996.7	19803
75	87.86	12.18	21.42	15.15	169.4	36.35	13.71	20.68	70- 75	383.1	20187
80	20.57	5.851	5.130	8.536	54.57	17.56	6.213	8.719	75- 80	133.4	20320
85	4.047	2.058	1.947	3.611	13.96	6.374	2.350	2.715	80- 85	46.55	20367
90	0.436	0.349	0.257	0.729	2.812	1.498	0.302	0.328	85- 90	11.68	20378
95									90- 95		
100									95-100		
105									100-105		
110									105-110		
115									110-115		
120									115-120		
125									120-125		
130									125-130		
135									130-135		
140									135-140		
145									140-145		
150									145-150		
155									150-155		
160									155-160		
165									160-165		
170									165-170		
175									170-175		
180									175-180		
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT:lm	

C Range: 0 - 360DEG
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Test Date:2009-12-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R3000(2M3D) SYSTEM V1.0.136
Humidity:65.0%
Test Distance:16.000m [K=0.9113]
Remarks:

ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.3DEG
Operators: wjfeng
Test Date: 2009-12-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R3000(2M3D) SYSTEM V1.0.136
Humidity: 65.0%
Test Distance: 16.000m [K=0.9113]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989
5	1001	1012	1036	1037	1049	1040	1040	1023	1017	1002	992	970	945	925	908	902	884	883	881
10	990	1016	1036	1031	1040	1021	1021	989	994	966	958	932	904	855	808	775	744	746	738
15	1003	1041	1042	1003	982	944	940	904	905	895	931	950	926	847	756	664	586	592	584
20	1028	1070	1043	965	904	845	832	783	792	820	920	990	987	873	733	575	451	442	443
25	1063	1110	1039	898	816	739	721	666	670	746	898	1022	1037	894	696	509	359	323	341
30	1085	1133	1000	806	710	631	616	560	569	667	828	1016	1070	898	646	442	320	252	277
35	1085	1112	912	679	589	515	508	446	474	573	728	956	1080	888	583	395	300	220	236
40	1078	1078	780	536	459	382	383	325	383	463	599	857	1056	846	526	357	287	208	204
45	1081	1024	625	394	351	287	281	231	305	369	472	738	1022	805	474	324	276	204	175
50	1109	970	505	300	279	225	215	173	253	298	369	635	998	786	432	301	254	194	148
55	1120	885	410	250	221	178	166	131	211	231	302	546	990	793	402	282	231	178	124
60	1013	714	323	214	176	135	126	99.1	158	185	255	446	946	781	367	259	204	159	102
65	739	438	245	180	145	103	91.2	72.3	117	154	219	342	795	698	319	232	172	130	79.5
70	274	127	41.8	26.3	102	70.4	59.2	47.7	84.0	104	150	109	385	421	154	182	113	84.3	46.9
75	87.8	40.9	19.6	12.1	11.8	9.87	21.4	18.2	19.8	15.1	24.0	47.6	169	179	57.3	36.3	24.9	20.2	13.7
80	20.5	11.9	8.31	5.85	5.86	4.67	5.13	5.26	7.09	8.53	12.9	21.0	54.5	60.7	25.0	17.5	11.1	8.38	6.21
85	4.04	2.97	2.72	2.05	2.11	1.78	1.94	2.04	3.03	3.61	5.29	7.30	13.9	15.3	7.98	6.37	4.06	3.21	2.35
90	0.44	0.45	0.39	0.35	0.36	0.33	0.26	0.36	0.54	0.73	1.51	1.95	2.81	2.72	1.87	1.49	0.84	0.46	0.30

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
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Temperature:24.3DEG	Humidity:65.0%
Operators:wjfeng	Test Distance:16.000m [K=0.9113]
Test Date:2009-12-07	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	989	989	989	989	989														
5	899	907	933	946	974														
10	770	785	830	878	933														
15	623	653	722	799	900														
20	490	522	603	721	872														
25	386	406	491	631	843														
30	317	336	403	544	804														
35	278	294	343	467	756														
40	251	266	306	404	693														
45	224	243	281	364	645														
50	195	217	262	331	620														
55	166	189	238	301	592														
60	134	159	211	266	514														
65	100	126	176	207	369														
70	56.8	60.7	96.9	49.1	127														
75	14.3	14.1	20.6	23.2	48.5														
80	6.29	6.01	8.71	8.94	14.2														
85	2.42	2.21	2.71	2.69	3.37														
90	0.33	0.27	0.33	0.37	0.44														

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 Humidity:65.0%
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 Remarks: