

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

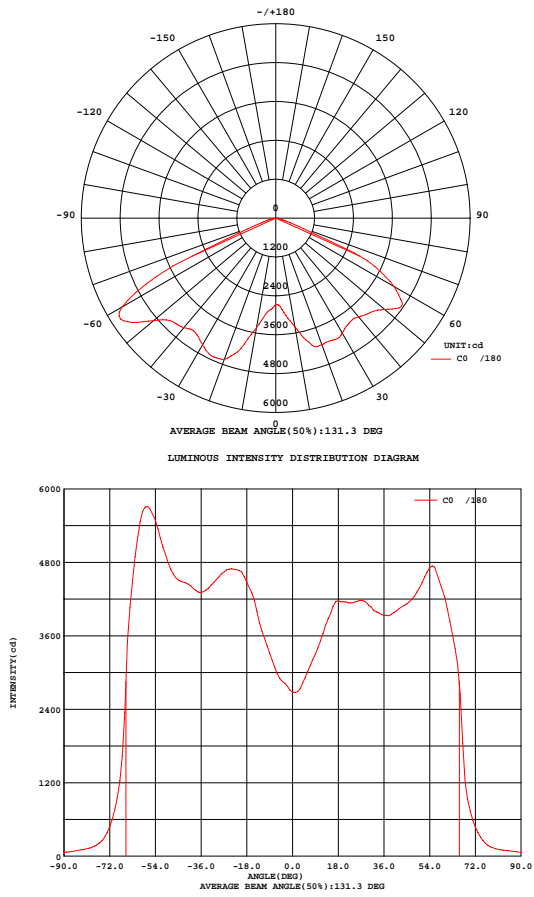


Fig. C0/C180

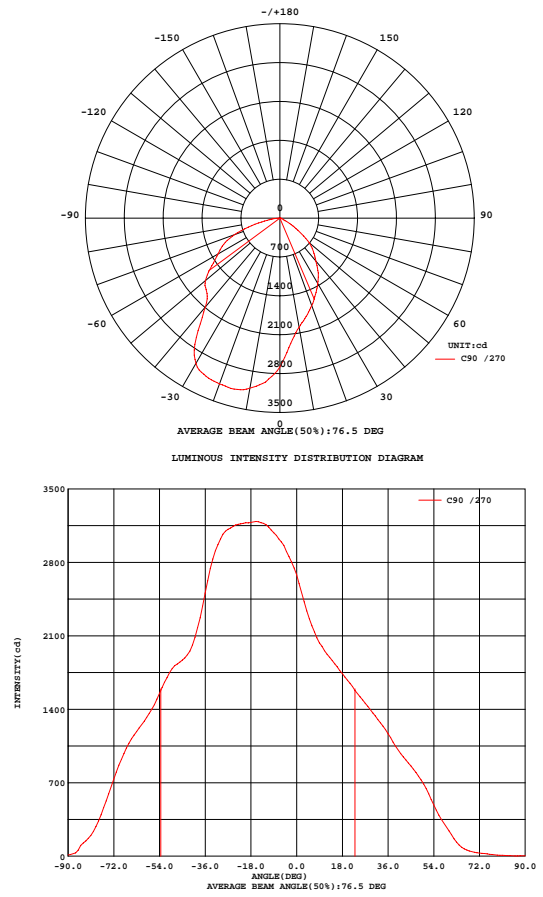


Fig. C90/C270

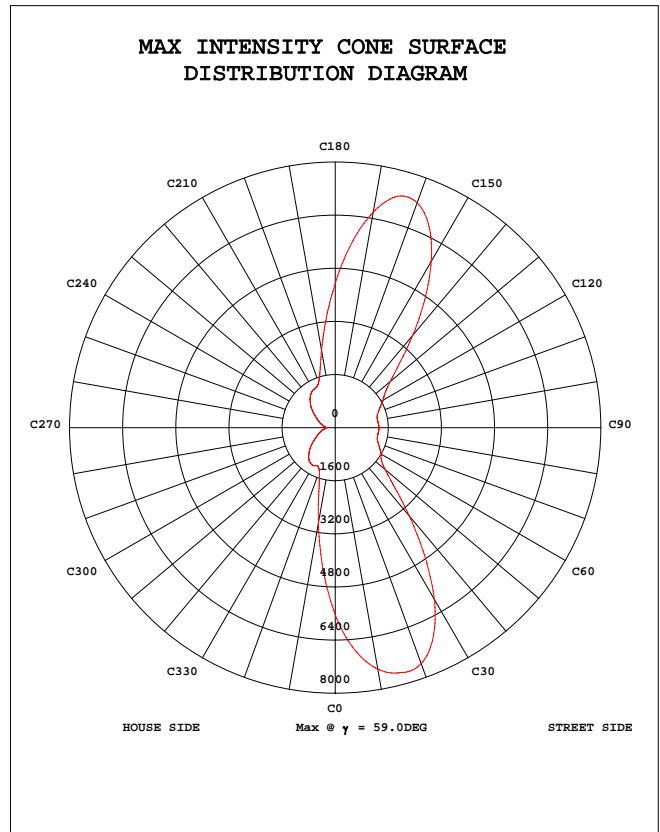
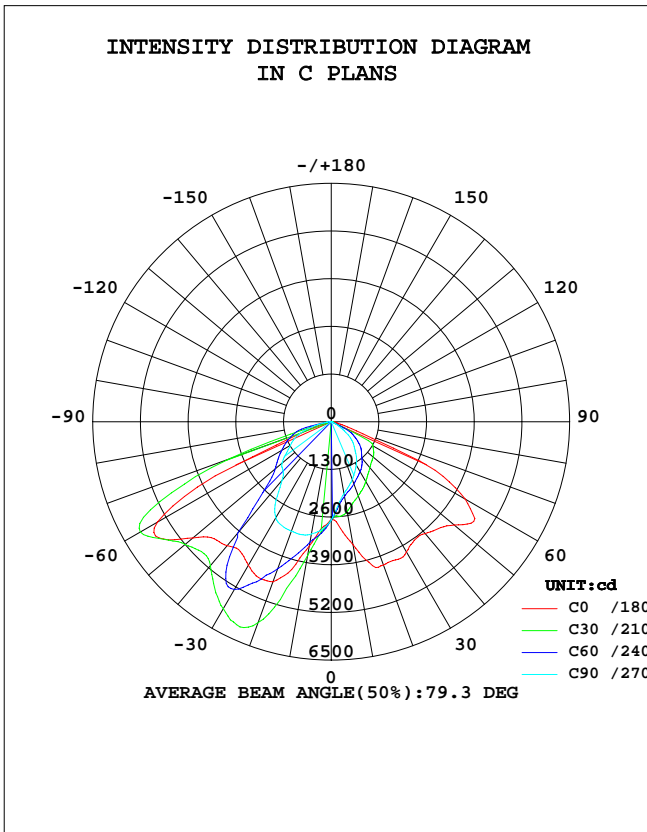
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.3DEG
Operators:wjfung
Test Date:2009-12-08

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
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:220.7V I:0.734A P:158.4W PF:0.979 Lamp Flux:15075x1 lm		
NAME: Street Light	TYPE:2D989B	WEIGHT:
DIMENSION:	SPECIFICATION:150W	SERIAL No.:Y(2009)DJ-WT-L0499
MANUFACTURER: Huadong Illumination	SURFACE:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I _{max} (cd)	7633	η street_up(%)	0.0
NOMINAL POWER(W)	150	EFFICIENCY(%)	75.3	η street_down(%)	54.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	11350	η house_up(%)	0.0
NOMINAL FLUX(lm)	15075.0	MAXIMUM @(C,γ)	15,59.0	η house_down(%)	20.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220.7	η down(%)	75.3	SLI	

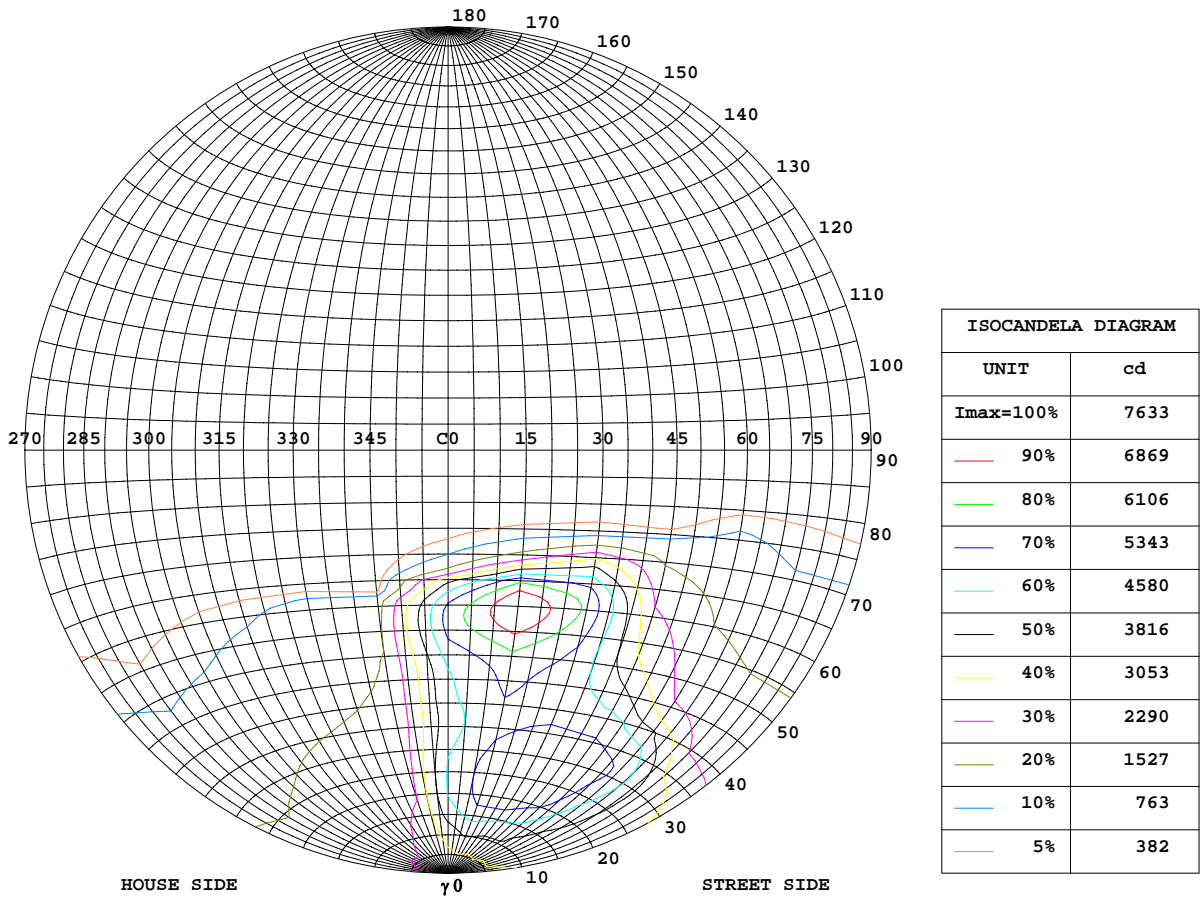


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 Remarks:

Note: SLI:Specific Luminaire Index

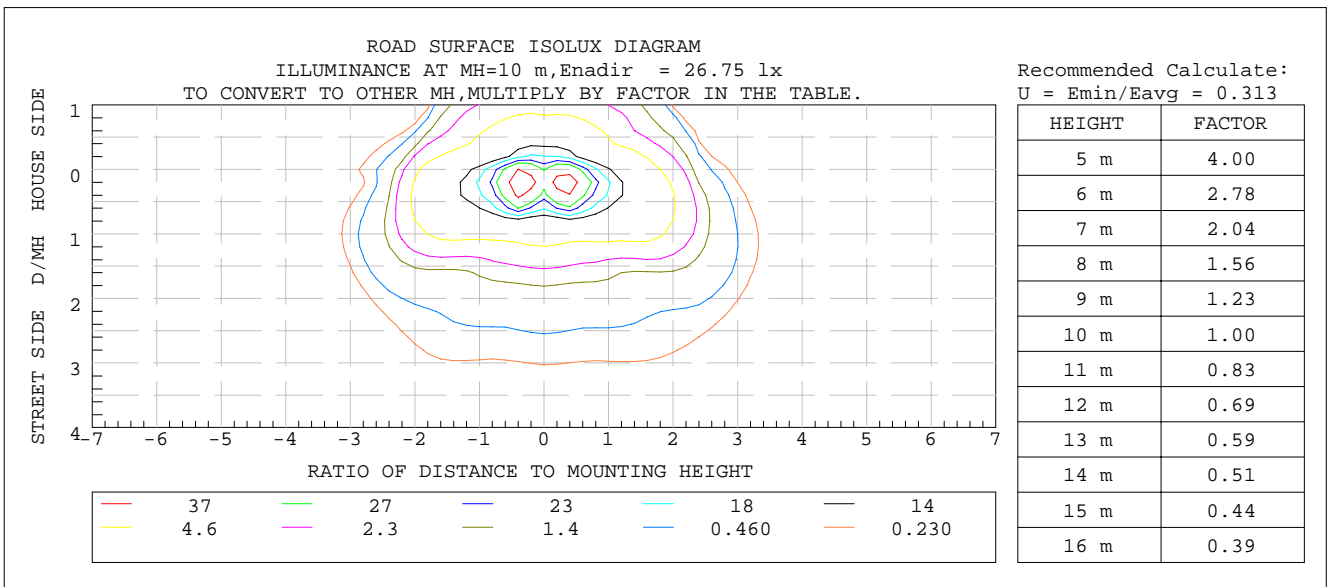
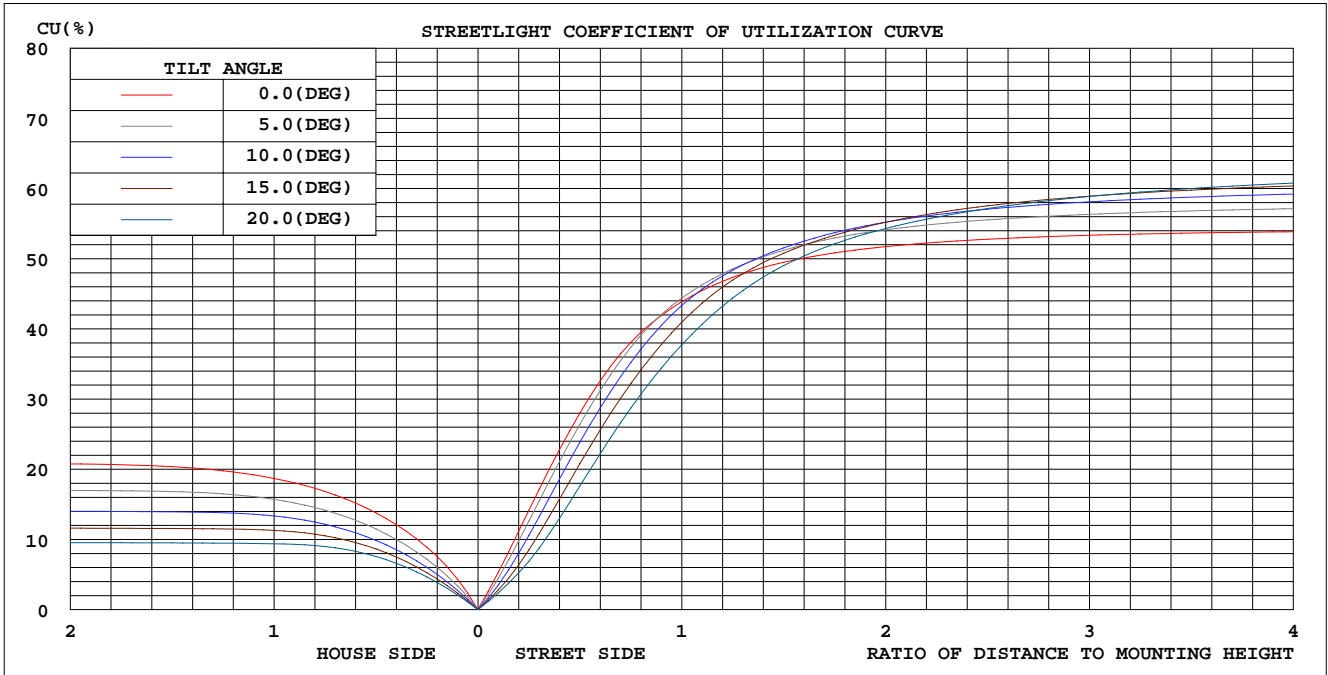
STREETLIGHT ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
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 Test Speed: HIGH
 Temperature: 24.3DEG
 Operators: wjfeng
 Test Date: 2009-12-08

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R3000(2M3D) SYSTEM V1.0.136
 Humidity: 65.0%
 Test Distance: 16.000m [K=0.9113]
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COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



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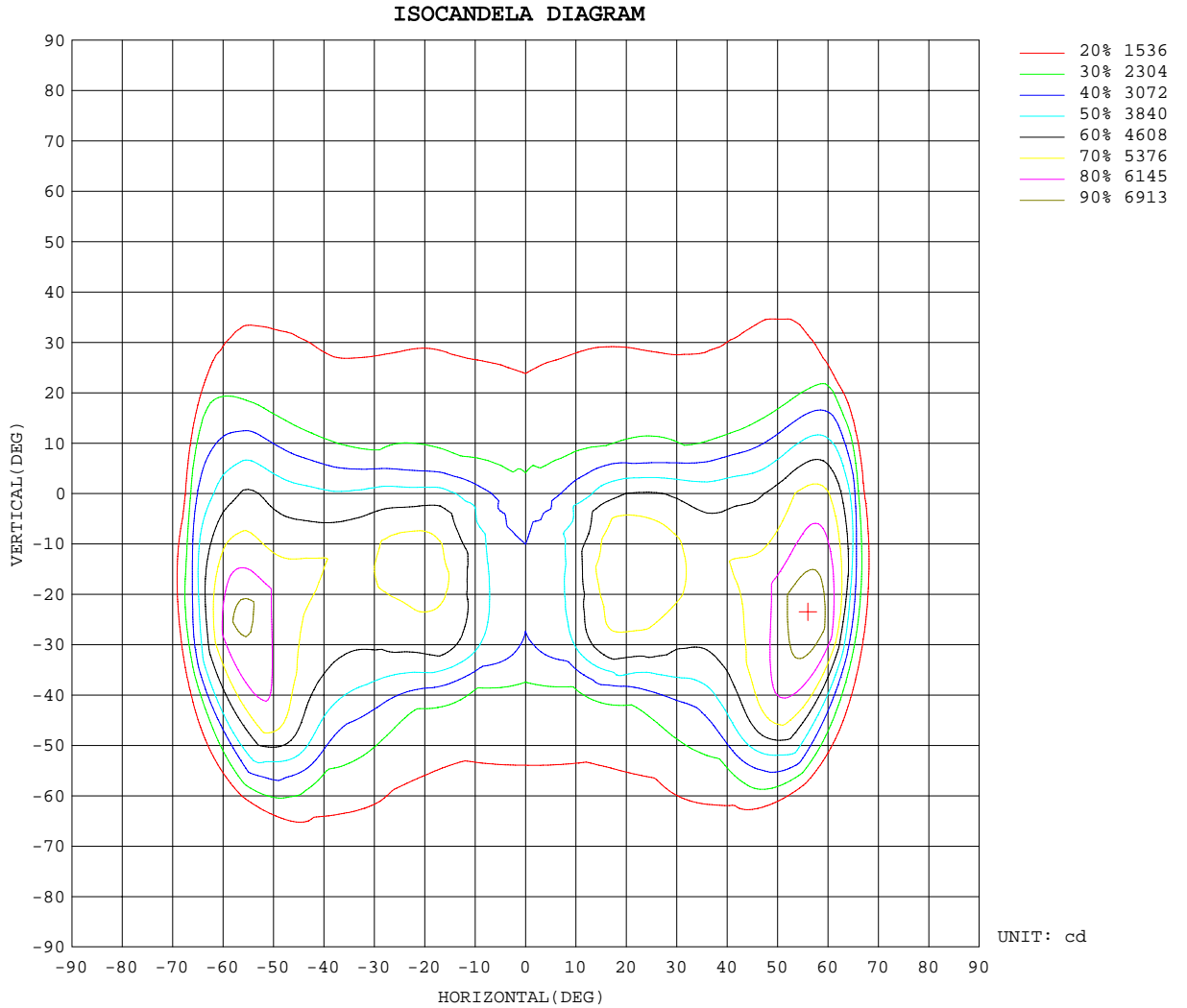
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5	2904	3027	2961	2974	2923	2415	2262	2484	0- 5	41.29	41.29
10	3436	3592	3107	3622	3400	2215	1999	2282	5- 10	150.5	191.8
15	4171	4424	3187	4384	3965	2027	1832	2117	10- 15	279.8	471.7
20	4645	5336	3177	5107	4157	1898	1677	1995	15- 20	429.1	900.8
25	4688	5938	3143	5657	4157	1828	1518	1906	20- 25	574.1	1475
30	4522	5835	3021	5459	4098	1746	1365	1769	25- 30	695.2	2170
35	4322	5391	2624	5088	3947	1598	1206	1595	30- 35	774.5	2945
40	4411	4867	2087	4727	3982	1432	1012	1442	35- 40	805.9	3751
45	4512	4047	1868	4123	4122	1309	858.7	1328	40- 45	811.9	4563
50	4928	3280	1750	3605	4383	1224	688.5	1273	45- 50	832.3	5395
55	5575	2840	1496	3104	4741	1165	438.4	1211	50- 55	880.5	6276
60	5469	2434	1286	2634	4220	1025	239.4	1076	55- 60	934.5	7210
65	3493	1929	1118	2122	3129	481.1	85.30	133.7	60- 65	879.4	8090
70	759.7	1452	866.6	1624	736.2	75.22	37.89	67.34	65- 70	544.4	8634
75	256.1	580.5	526.2	980.4	254.7	47.31	21.47	45.84	70- 75	272.5	8907
80	131.2	110.7	234.9	131.9	122.5	31.42	9.032	25.98	75- 80	110.3	9017
85	91.42	58.45	102.8	68.41	88.93	15.76	3.478	15.00	80- 85	39.11	9056
90	65.47	35.84	10.93	41.80	60.43	10.96	3.662	10.29	85- 90	18.42	9075
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:cd									UNIT:lm	

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