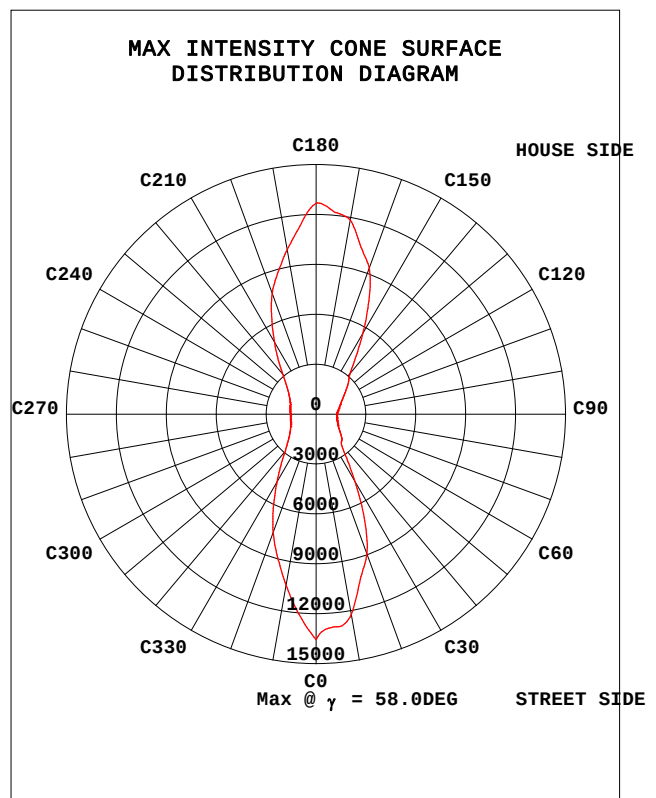
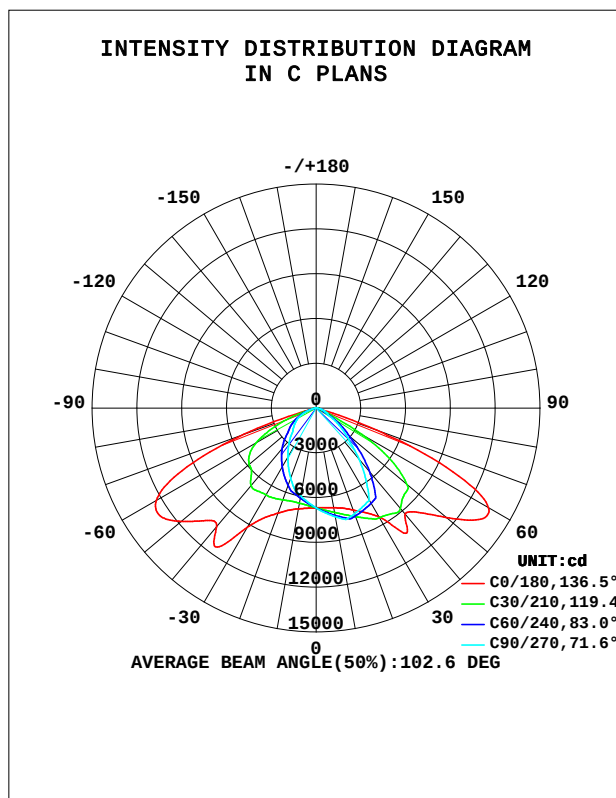


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:0 Lamp Flux:16335.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Jchen lux	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	JCS-01	I _{max} (cd)	13541	η street_up(%)	0.0
NOMINAL POWER(W)	0	LOR(%)	197.8	η street_down(%)	98.0
RATED VOLTAGE(V)	0	TOTAL FLUX(lm)	16420	η house_up(%)	0.0
NOMINAL FLUX(lm)	16335.1	MAXIMUM @(C,γ)	0,58.0	η house_down(%)	99.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	0.0	η down(%)	197.8	SLI	



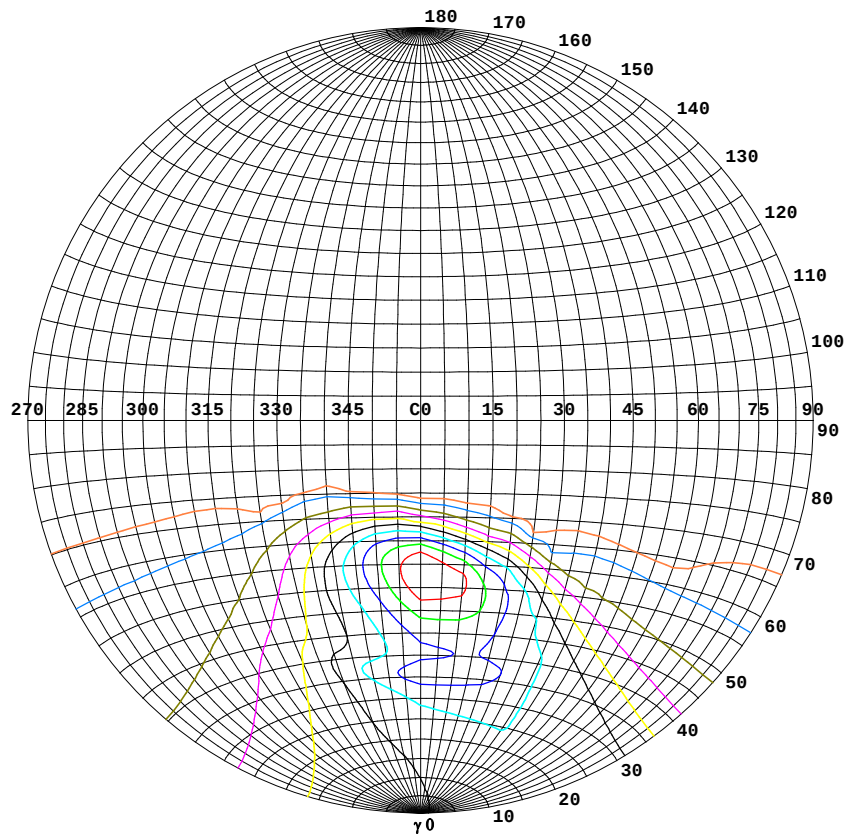
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:rong
Test Date:2025-07-17

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G01900_V2(N) SYSTEM V2.0.269
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:0V I:0A P:0W PF:0 Lamp Flux:16335.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Jchen lux	SUR.:	PROTECTION ANGLE:



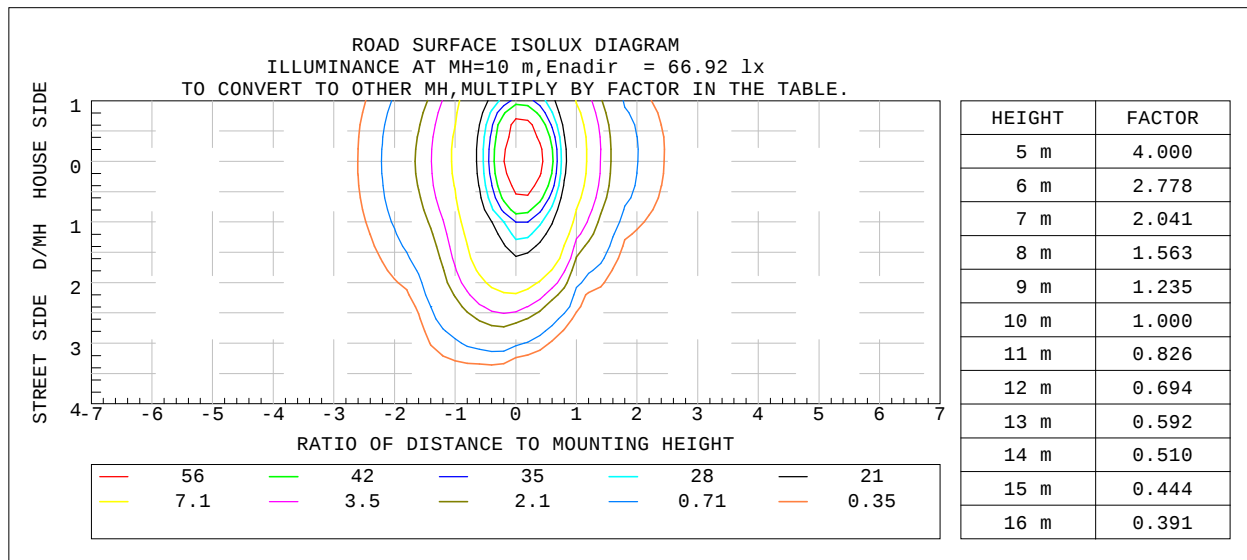
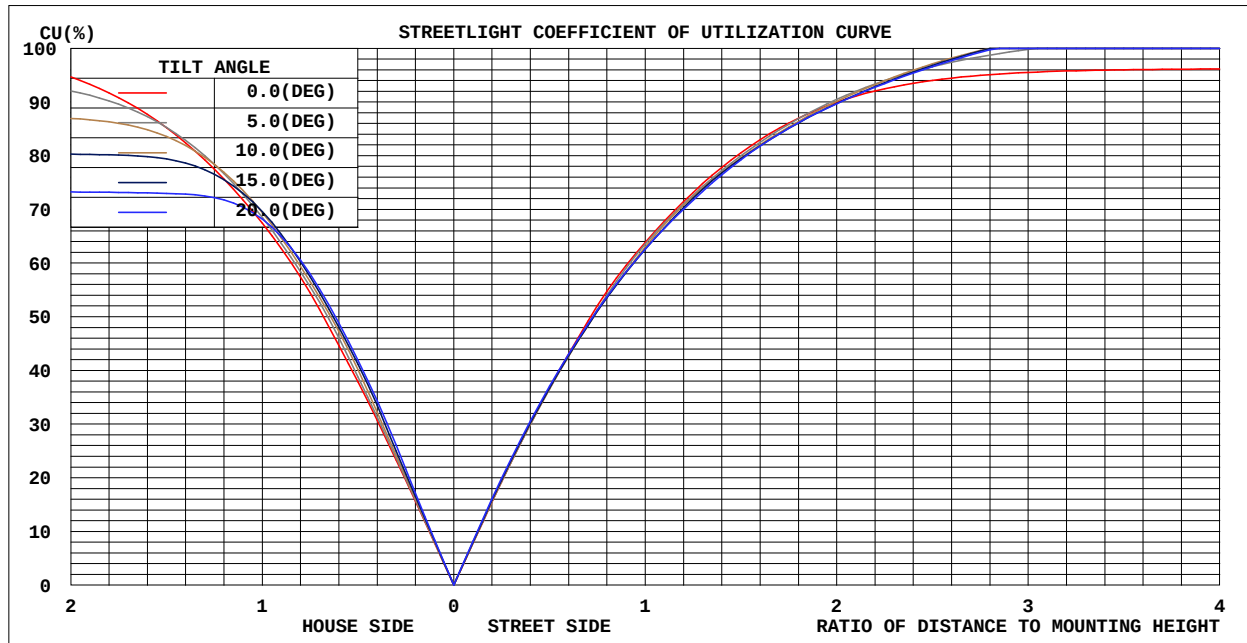
Classification:

IES:Type III - Short
CIE:Broad - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:19.57cd/klm
Max.At90:0.1407cd/klm
Max.80-90:19.57cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	13541
90%	12187
80%	10833
70%	9478
60%	8124
50%	6770
40%	5416
30%	4062
20%	2708
10%	1354
5%	677

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:rong
Test Date:2025-07-17

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G01900_V2(N) SYSTEM V2.0.269
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: rong
Test Date: 2025-07-17

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G01900_V2(N) SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 12.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:0V I:0A P:0W PF:0 Lamp Flux:16335.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Jchen lux	SUR.:	PROTECTION ANGLE:

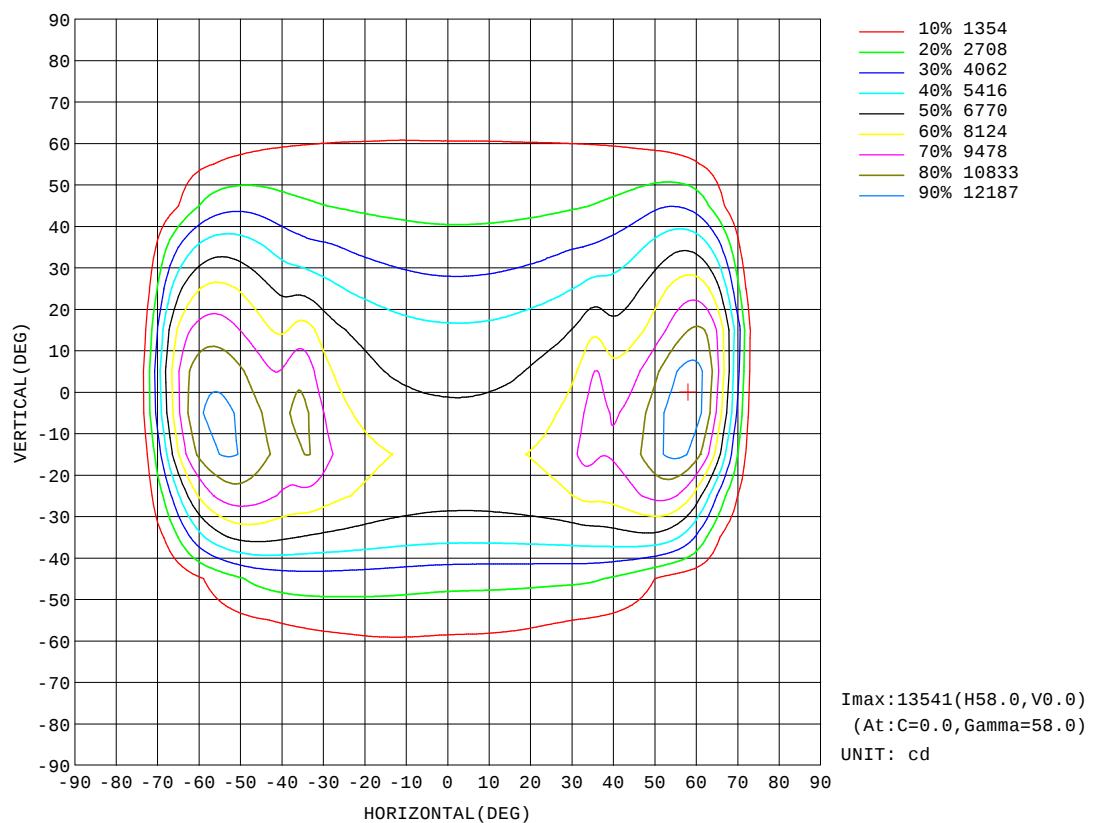
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum,lamp
5	669.0	693.3	704.0	697.2	673.7	647.1	633.7	643.5	0- 5	160.0	160.0	9.71,1.41
10	677.8	721.1	738.8	729.9	685.8	628.5	598.3	621.2	5- 10	481.1	641.2	2.86,5.66
15	694.2	753.1	773.6	768.1	708.4	614.9	562.8	601.4	10- 15	806.4	1448	6.46,12.8
20	727.1	788.7	753.2	810.6	748.5	605.9	501.1	584.2	15- 20	1131	2579	11.5,22.8
25	772.4	787.8	732.8	815.8	808.6	581.3	439.5	554.1	20- 25	1439	5018	17.9,35.4
30	841.5	779.0	712.4	813.2	922.7	548.2	377.9	518.7	25- 30	1735	7753	25.7,50.8
35	1021	766.3	580.6	807.4	1134	513.4	326.4	483.1	30- 35	2037	8791	34.7,68.7
40	928.0	728.6	448.7	773.3	1038	476.3	274.9	443.2	35- 40	2237	9027	44.7,88.5
45	992.4	596.3	316.9	645.6	1068	420.7	223.4	394.2	40- 45	2229	10256	54.7,108
50	1141	446.3	242.8	503.7	1182	356.1	197.3	334.4	45- 50	2256	11512	64.7,128
55	1307	277.5	168.7	343.2	1268	290.1	171.3	271.9	50- 55	2277	12789	74.9,148
60	1333	182.2	94.64	231.5	1236	230.9	145.2	221.6	55- 60	2152	13941	84.5,167
65	1010	88.19	75.01	113.4	989.0	152.8	106.9	155.8	60- 65	1755	14696	92.3,183
70	433.4	34.13	55.37	40.74	513.4	83.28	68.54	93.01	65- 70	1106	15802	97.2,192
75	36.80	26.34	35.74	30.28	58.53	47.95	30.18	52.59	70- 75	449.4	16252	99.3,196
80	14.28	16.23	0	17.98	16.19	16.43	0	16.04	75- 80	131.2	16383	99.8,197
85	4.829	0	0	0	6.377	0	0	0	80- 85	33.20	16416	100,198
90	0	0	0	0	0.1595	0	0	0	85- 90	3.611	16420	100,198
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:×10cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:rong
 Test Date:2025-07-17

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G01900_V2(N) SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:12.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

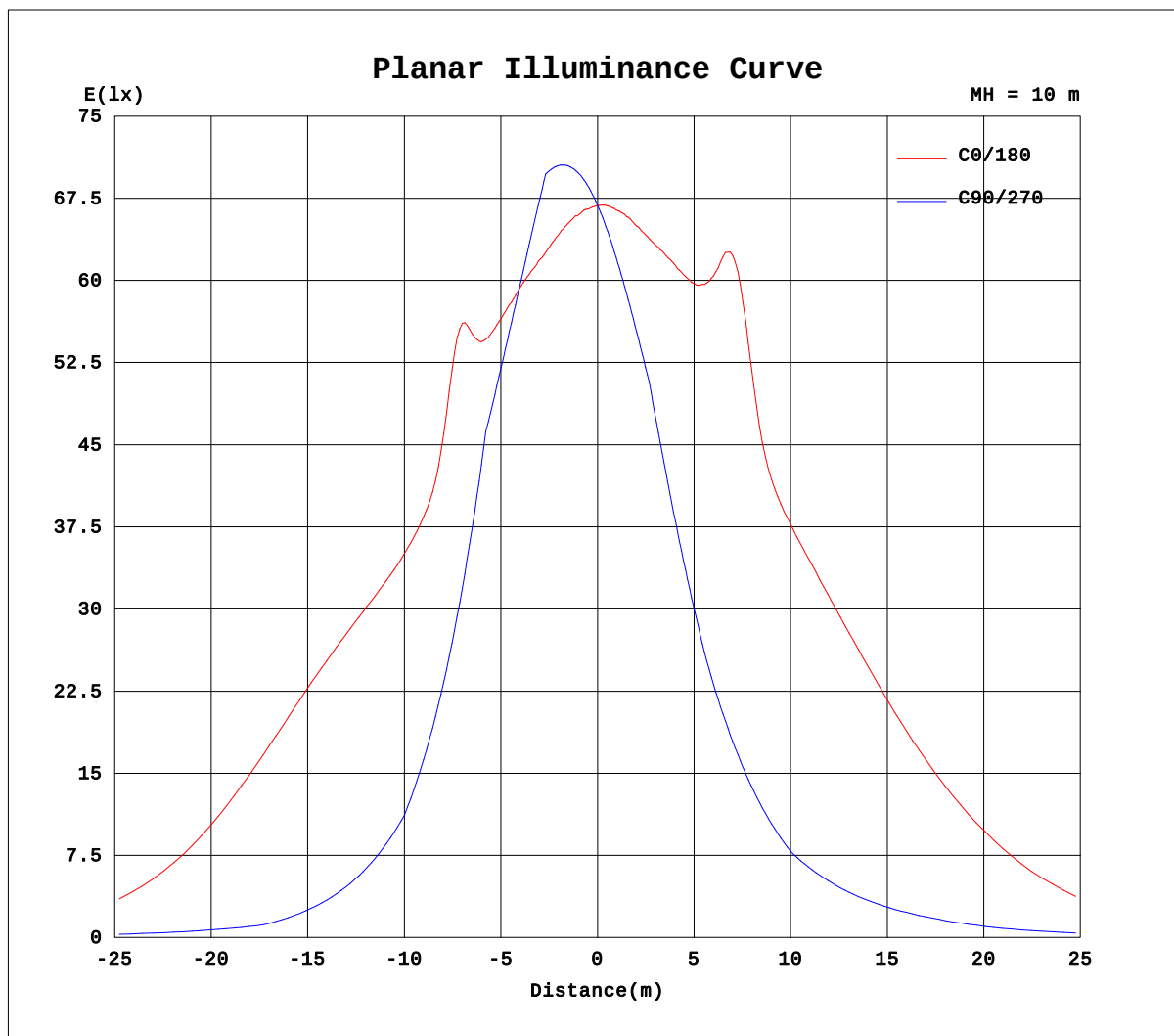
Test:U:0V I:0A P:0W PF:0 Lamp Flux:16335.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Jchen lux	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:rong
Test Date:2025-07-17

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G01900_V2(N) SYSTEM V2.0.269
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: rong
Test Date: 2025-07-17

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G01900_V2(N) SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 12.000m [K=1.0000]
Remarks:

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Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

```

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Test System:EVERFINE G01900_V2(N) SYSTEM V2.0.269
Humidity:65.0%
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Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G01900_V2(N) SYSTEM V2.0.269
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

```

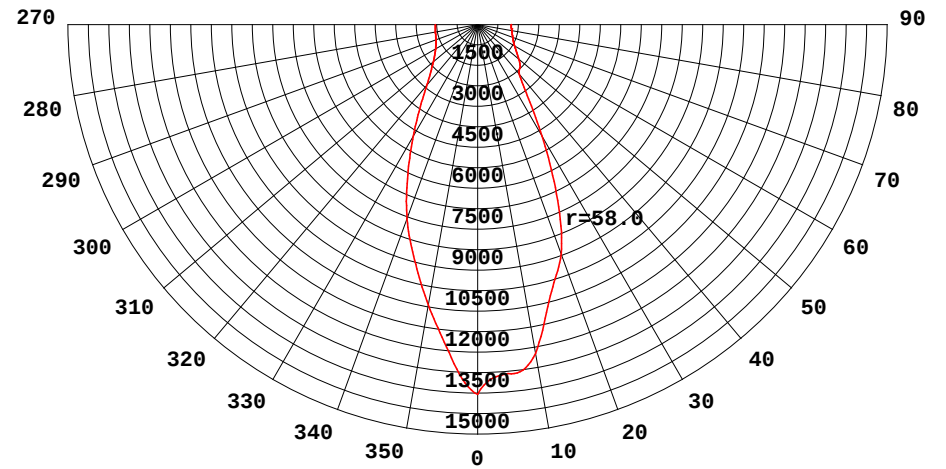
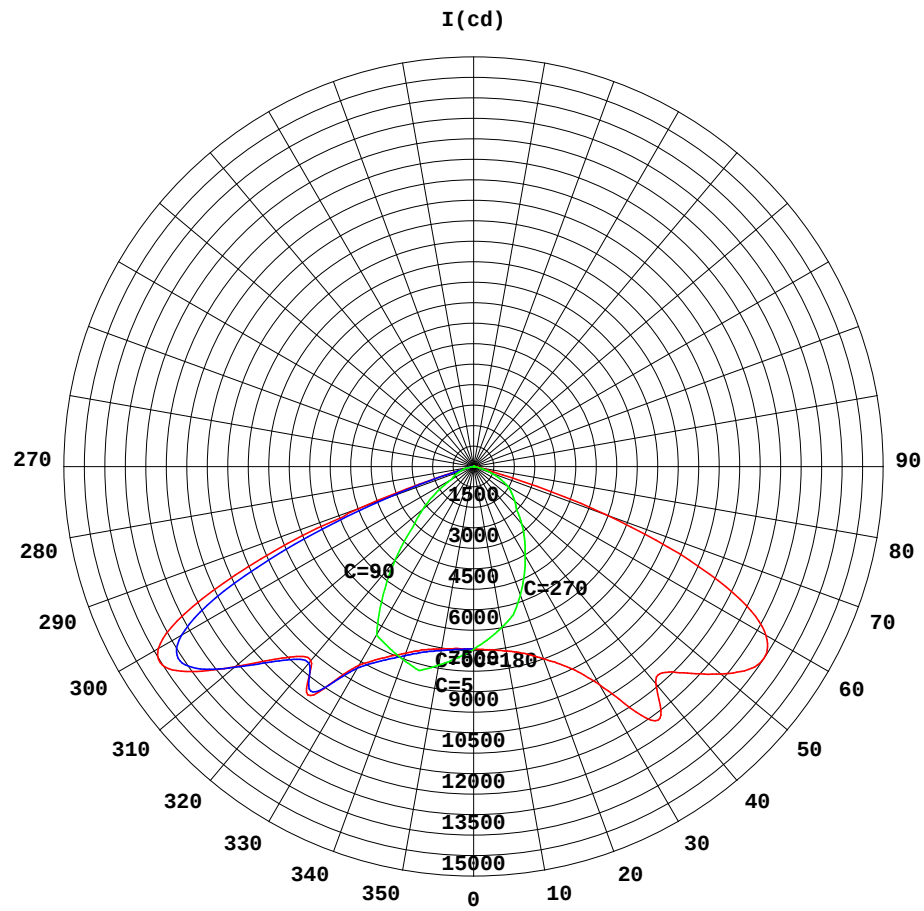
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Range: 0 - 90DEG
Interval: 0.5DEG
Test System:EVERFINE G01900_V2(N) SYSTEM V2.0.269
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

```

FLUX DATA:

LOR:	197.8 %
STREET DOWN:	11112 lm
STREET UP:	0 lm
HOUSE DOWN:	11307 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 13541 \text{ cd}$

