



Light Output Ratio: 100.0%

Luminaire Power: 69.87 W

I80 = 4.8 cd per klm. I88 = 0.4 cd per klm.

I90 = 0.2 cd per klm. I80/I88 = 12.507

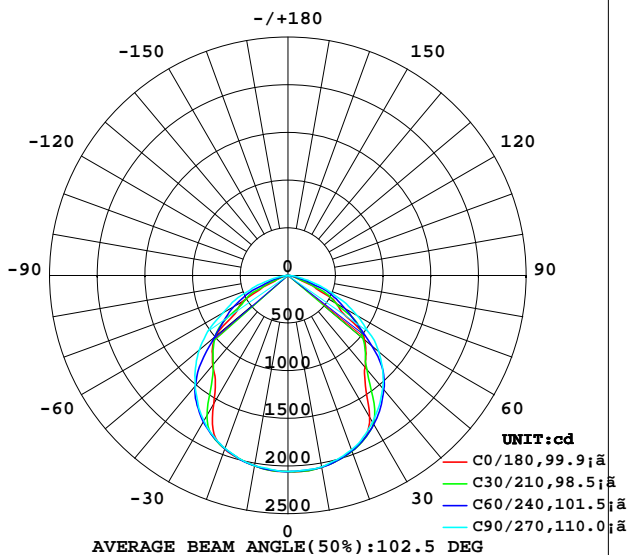
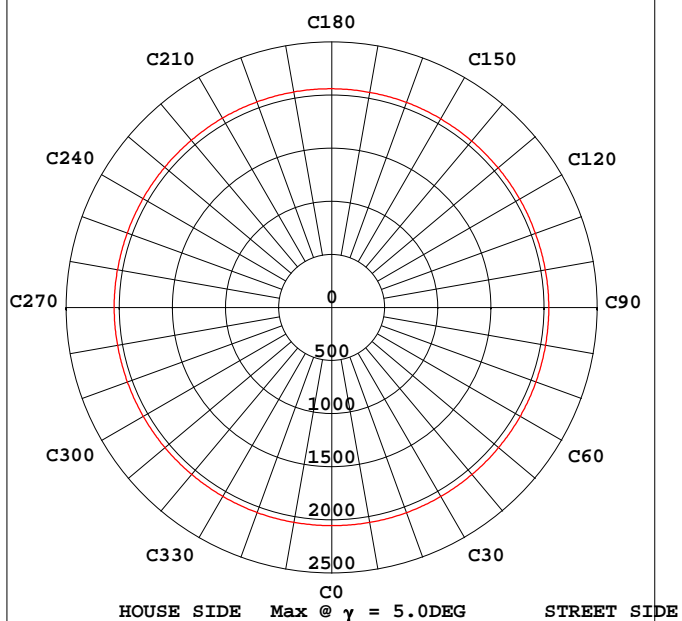
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.1V I:0.3174A P:69.87W PF:0.9891 Lamp Flux:7946.73x1 lm		
NAME: SVT-Str U-L-70-250	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: SSS	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.5 lm/W			
MODEL		Imax(cd)	2062	η street_up(%)	0.0
NOMINAL POWER(W)	70	LOR(%)	100.0	η street_down(%)	49.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7947	η house_up(%)	0.0
NOMINAL FLUX(lm)	7946.73	MAXIMUM @(C, γ)	190,5.0	η house_down(%)	50.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	

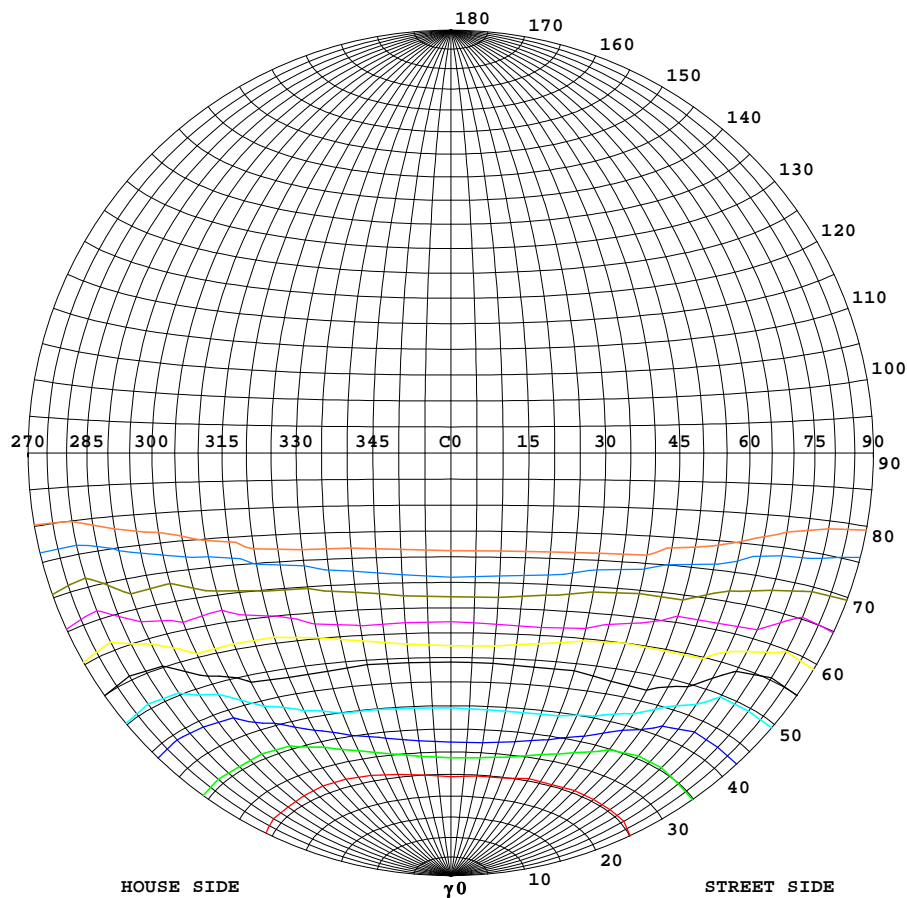
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Gapeeva
Test Date:2015-04-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity:%
Test Distance:17.220m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

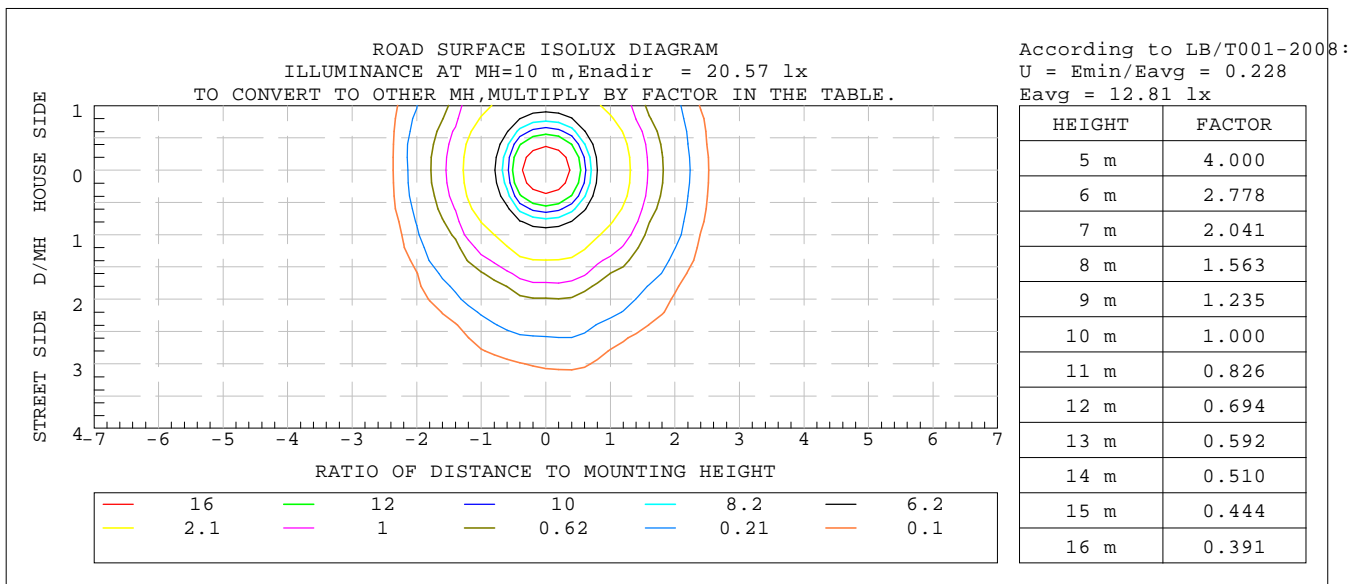
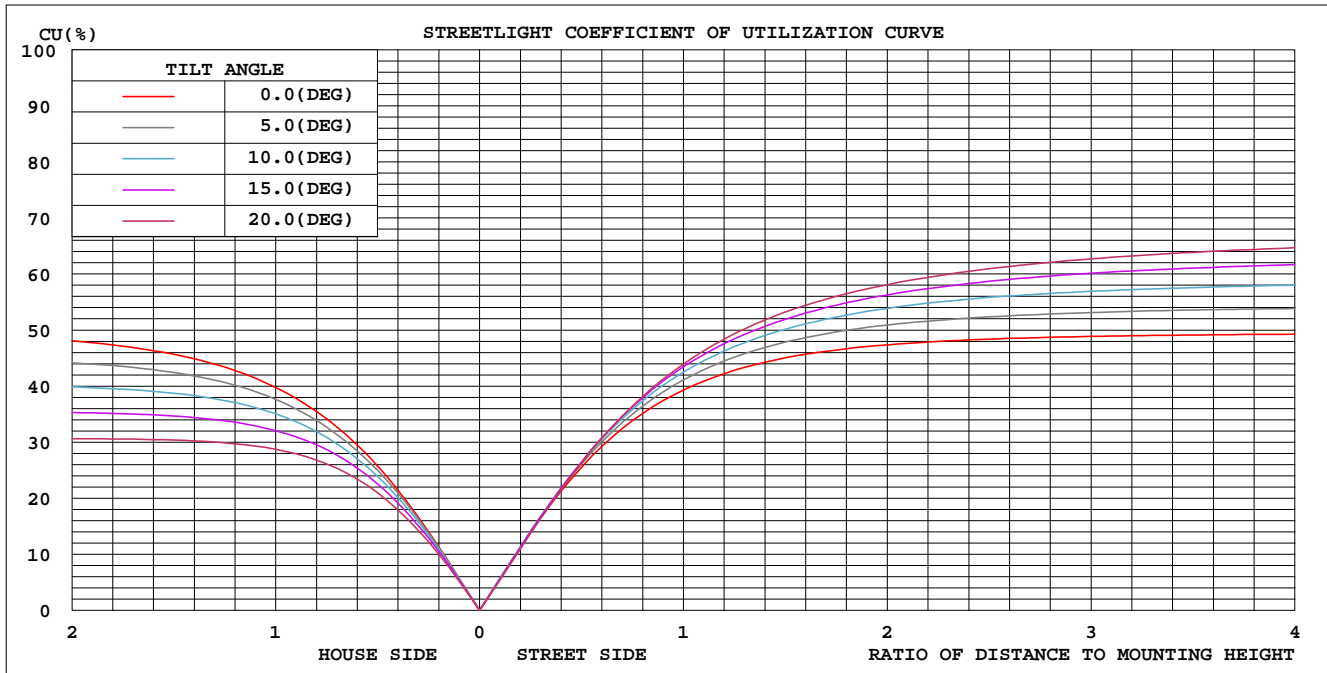
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:21.61cd/klm
 Max.At90:0.8152cd/klm
 Max.80-90:21.61cd/klm
 NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2062
90%	1855
80%	1649
70%	1443
60%	1237
50%	1031
40%	825
30%	618
20%	412
10%	206
5%	103

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

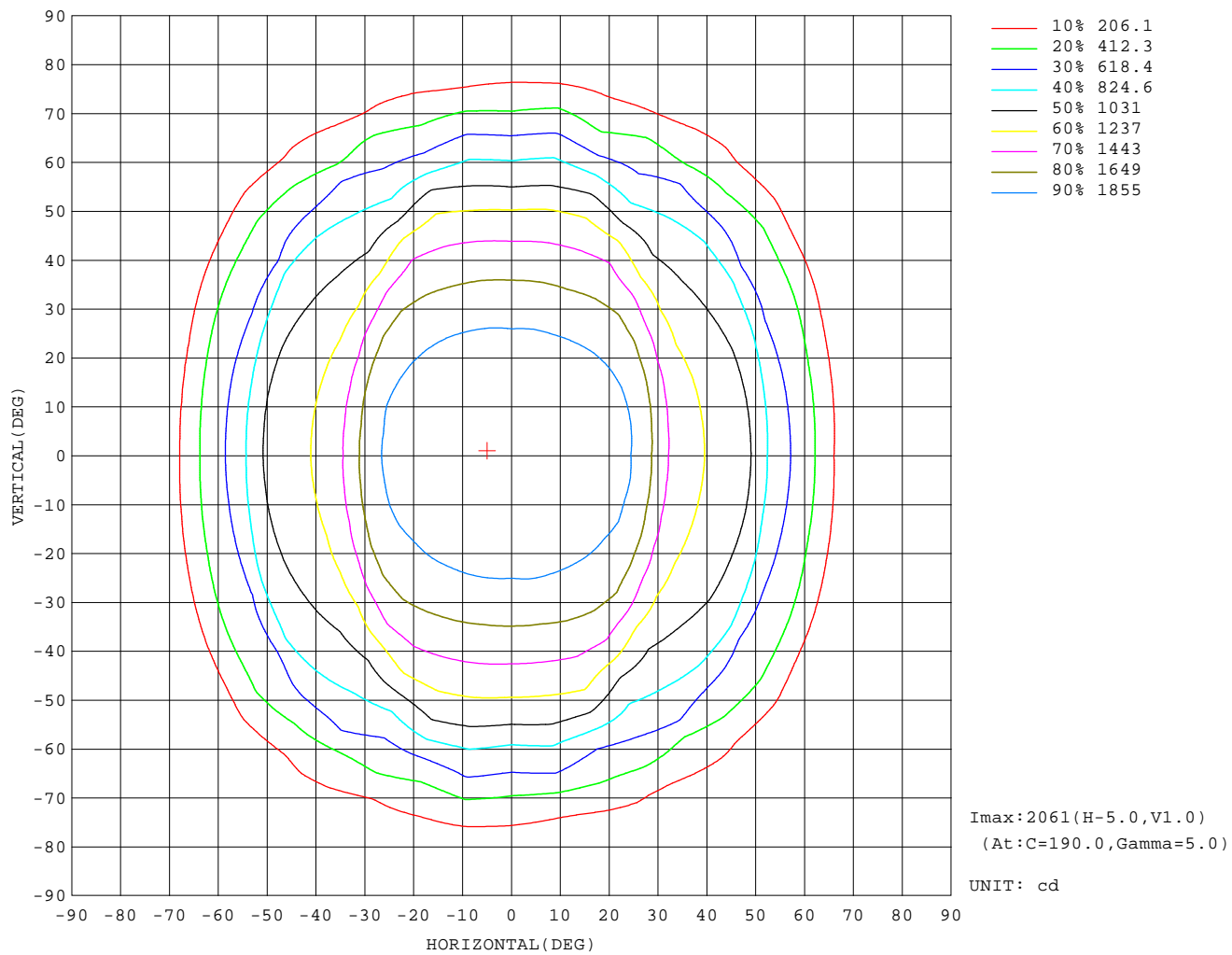
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2026	2029	2026	2034	2041	2044	2041	2042	0- 10	195.3	195.33	95,3.95
20	1939	1934	1932	1949	1958	1960	1949	1952	10- 20	564.4	759.71	5.4,15.4
30	1559	1762	1764	1791	1717	1808	1778	1786	20- 30	860.7	1620.32	8.8,32.8
40	1228	1315	1514	1465	1259	1440	1547	1384	30- 40	980.8	2601.52	6.6,52.6
50	996.8	957.3	1218	1006	1050	1008	1244	991.4	40- 50	956.5	3558.71	9.9,71.9
60	549.4	595.4	792.9	715.4	587.7	712.2	836.5	669.5	50- 60	783.2	4341.87	8.8,87.8
70	121.1	208.4	400.0	261.6	144.3	255.7	426.9	245.8	60- 70	449.8	4791.96	8.8,96.8
80	23.53	25.25	92.24	38.76	27.97	36.37	106.9	34.26	70- 80	137.1	4928.99	6.6,99.6
90	0.8121	1.299	0.6940	2.938	1.521	2.938	2.554	3.426	80- 90	18.84	4947.100	0.8,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
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 Operators:Gapeeva
 Test Date:2015-04-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity:%
 Test Distance:17.220m [K=1.0000]
 Remarks:

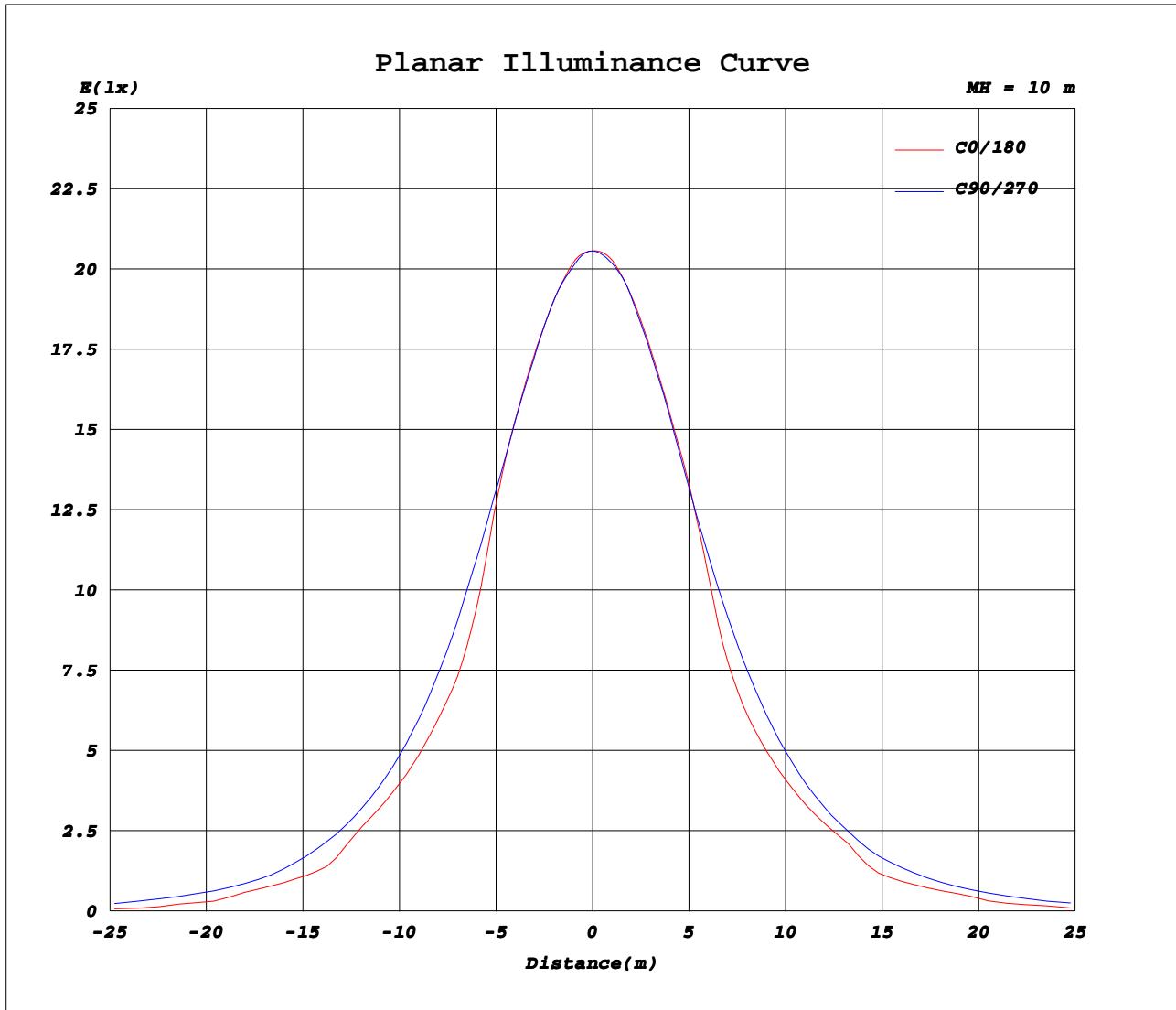
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-16

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity:%
Test Distance:17.220m [K=1.0000]
Remarks:

```


LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-16

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity:%
Test Distance:17.220m [K=1.0000]
Remarks:

```