



Light Output Ratio: 100.0%

Luminaire Power: 64.32 W

I80 = 34.6 cd per klm. I88 = 16.6 cd per klm.

I90 = 10.0 cd per klm. I80/I88 = 2.087

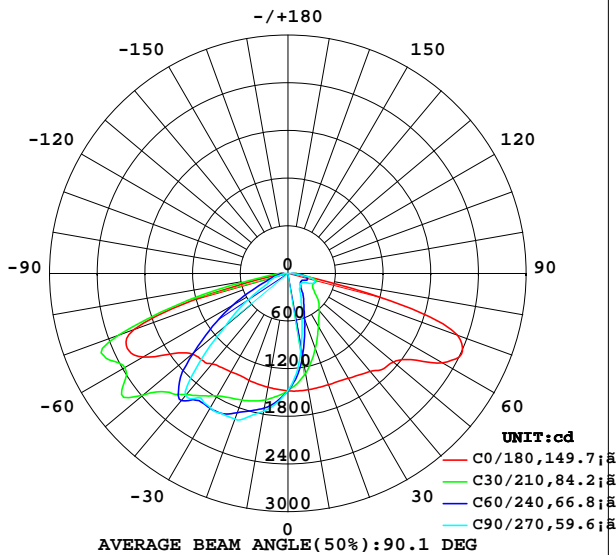
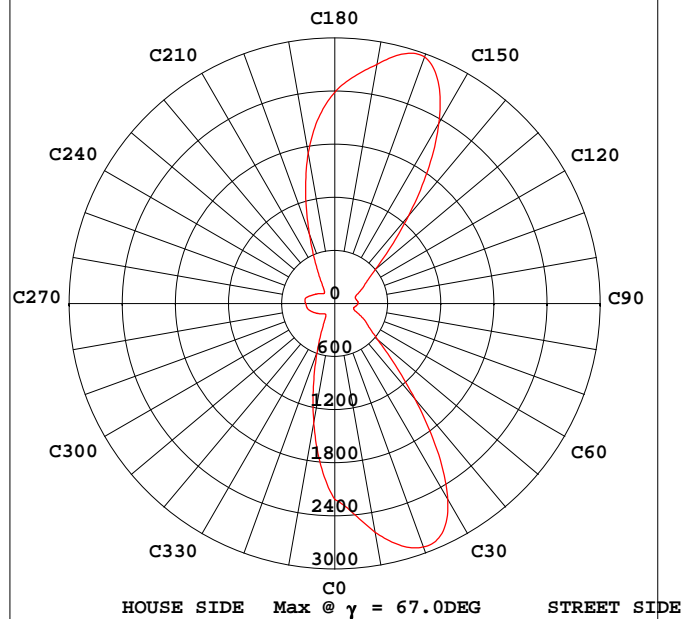
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-16

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:220.2V I:0.2508A P:64.32W PF:0.9837 Lamp Flux:7191.84x1 lm		
NAME: SVT-Str M-S-65-250	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: SSS	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.81 lm/W			
MODEL		Imax(cd)	2967	η street_up(%)	0.0
NOMINAL POWER(W)	64	LOR(%)	100.0	η street_down(%)	71.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7192	η house_up(%)	0.0
NOMINAL FLUX(lm)	7191.84	MAXIMUM @(C, γ)	160,67.0	η house_down(%)	28.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	

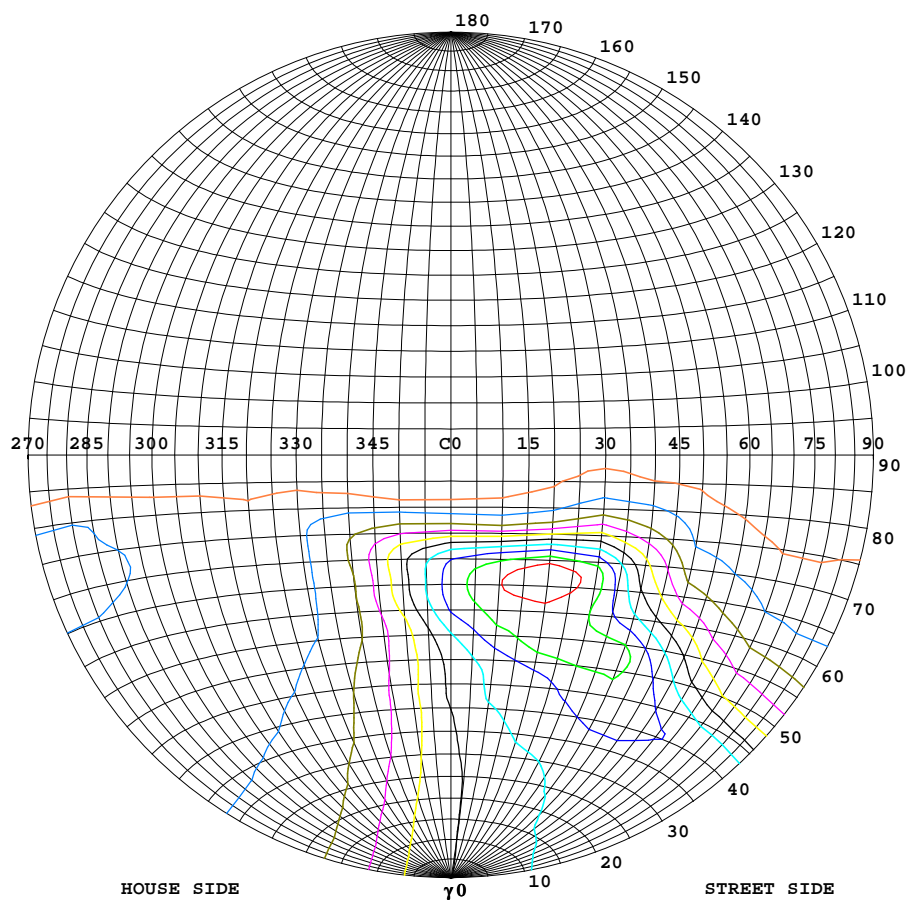
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:

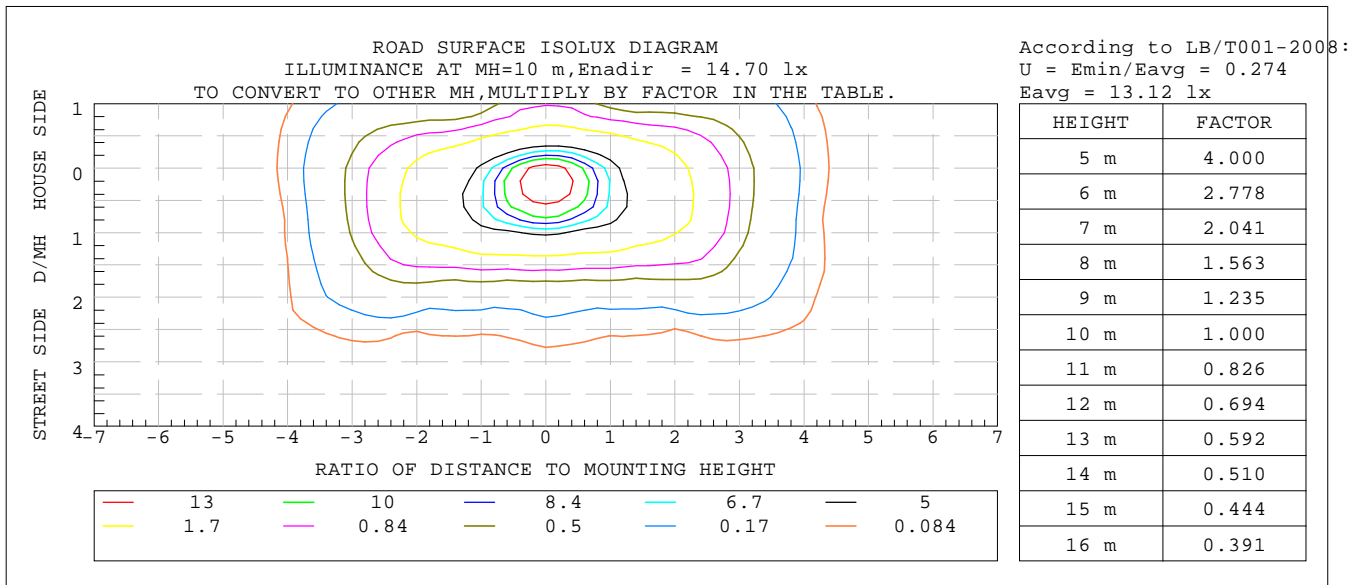
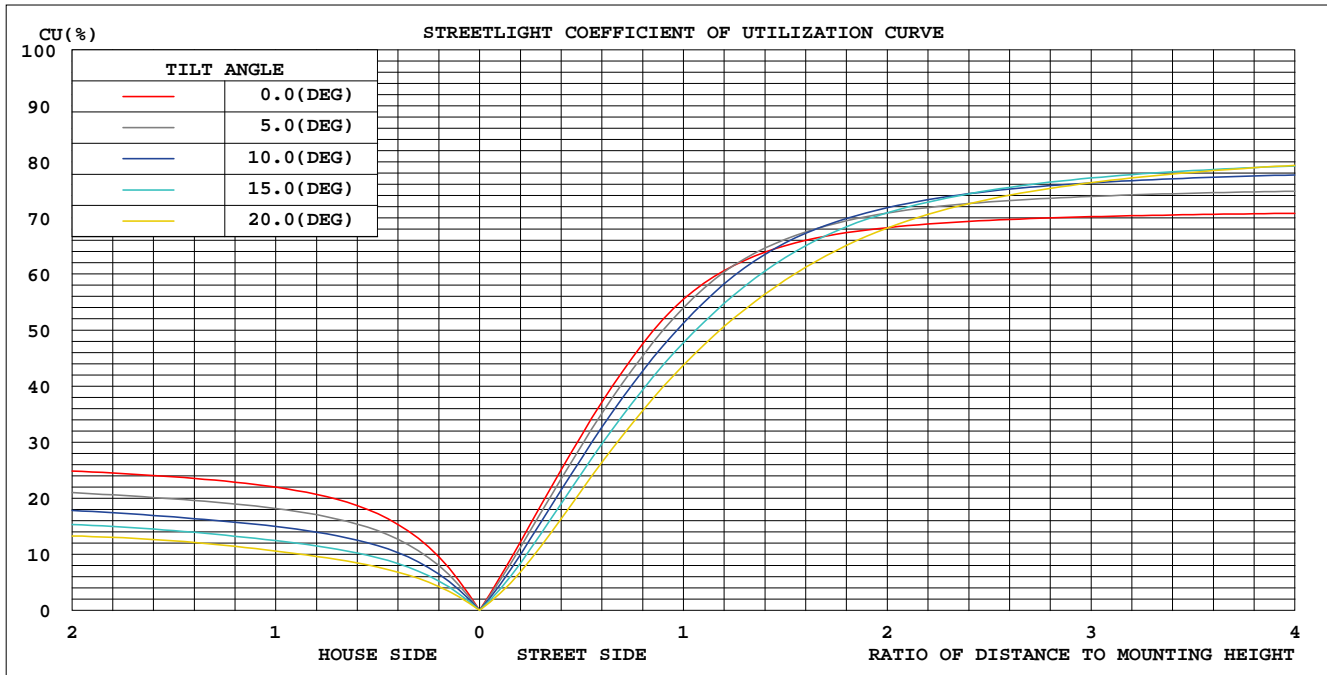
IES:Type III - Short
 CIE:Narrow - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:111.4cd/klm
 Max.At90:21.82cd/klm
 Max.80-90:111.4cd/klm
 NRB 5101:Semi limited[23.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2967
90%	2670
80%	2373
70%	2077
60%	1780
50%	1483
40%	1187
30%	890
20%	593
10%	297
5%	148

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

gamma Range: 0 - 90DEG
 gamma 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:

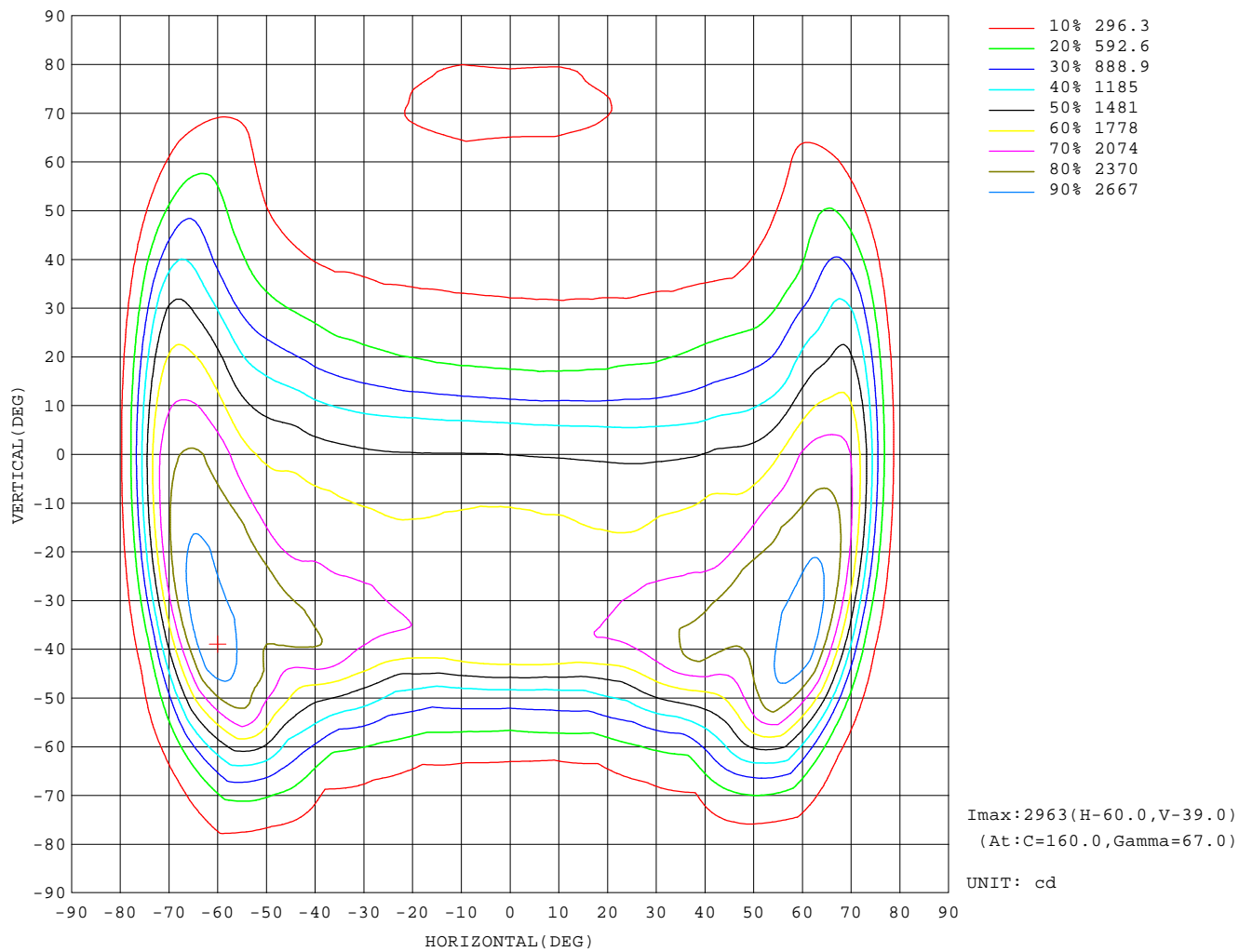
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1454	1676	1760	1699	1488	1164	961.5	1120	0- 10	137.8	137.82	51,2.51
20	1433	1785	1952	1815	1493	777.1	508.0	709.3	10- 20	383.3	521.29	49,9.49
30	1432	1905	1953	1928	1524	528.9	327.6	470.8	20- 30	591.4	1113	20.3,20.3
40	1489	2176	2007	2126	1614	382.1	237.3	328.0	30- 40	784.3	1897	34.5,34.5
50	1580	2252	1028	2117	1735	257.8	208.7	222.2	40- 50	936.0	2833	51.6,51.6
60	2106	1562	409.7	1445	2252	190.9	229.1	175.3	50- 60	966.0	3799	69.2,69.2
70	2061	864.0	217.0	764.1	2271	188.0	350.0	178.7	60- 70	958.2	4757	86.6,86.6
80	189.9	266.7	81.86	271.9	265.4	180.9	253.4	172.6	70- 80	591.2	5348	97.4,97.4
90	54.72	65.92	6.453	87.94	91.65	62.88	8.933	40.59	80- 90	143.6	5492	100,100
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
 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:

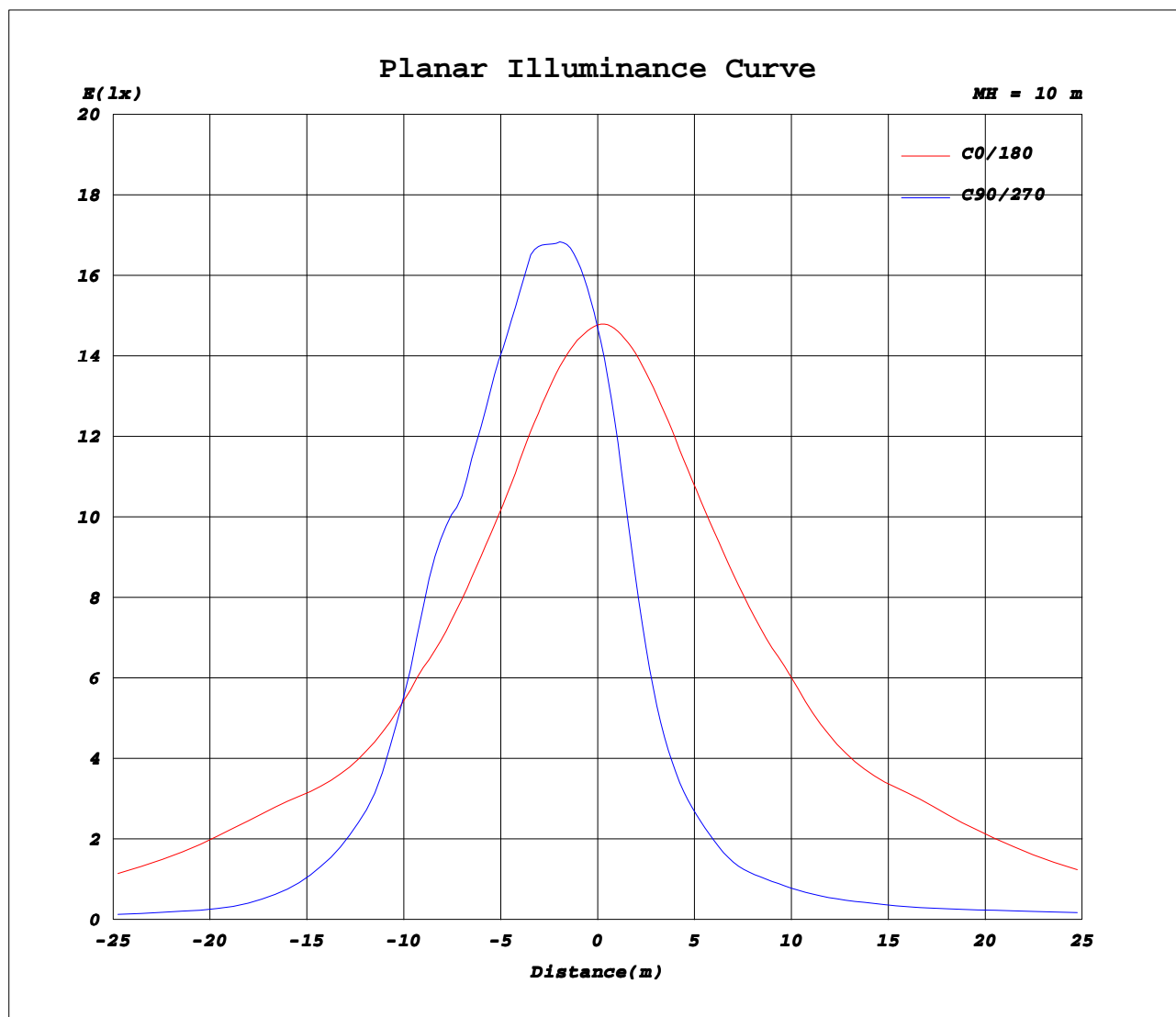
ISOCANDELA DIAGRAM



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

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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

```

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:

```