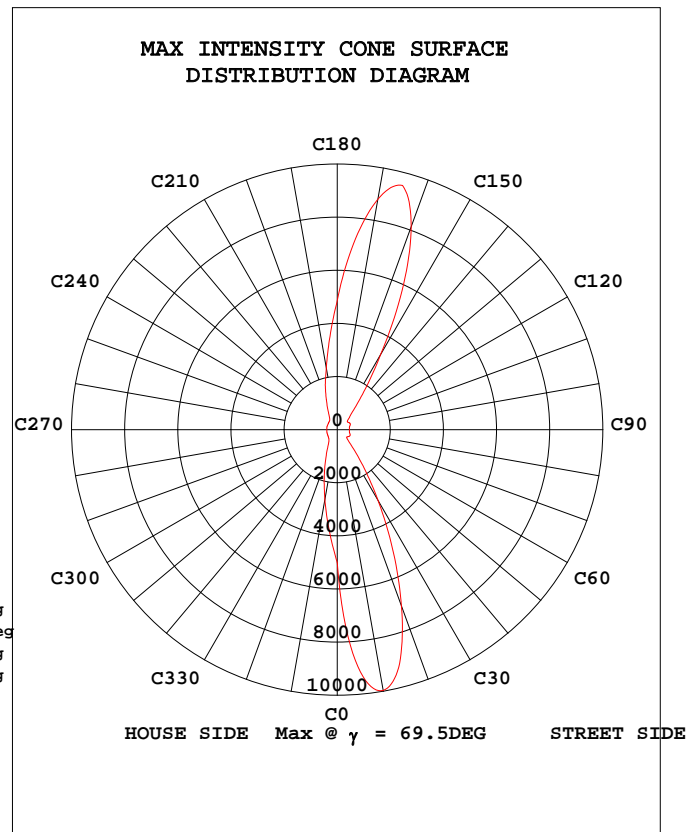
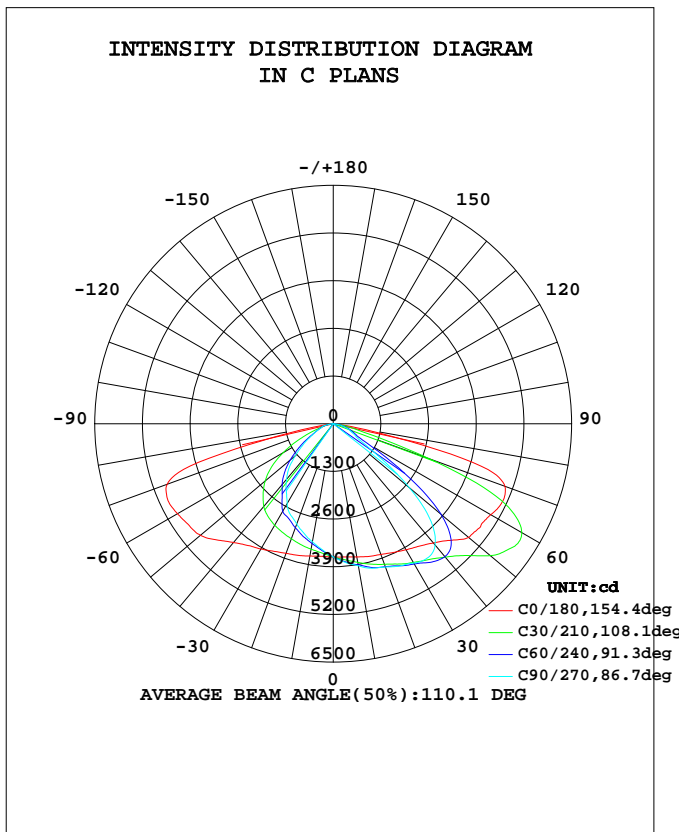


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: D-150MLED150-70	TYPE: Street Lighting	WEIGHT: 12kg
SPEC.: 14*5	DIM.: 825*360*150	Lens.: 60150
MFR.: KLED		

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 95.63 lm/W
MODEL	150W	I _{max} (cd)	9519	η street_up(%)	0.0	
NOMINAL POWER(W)	150	LOR(%)	94.4	η street_down(%)	59.9	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	14154	η house_up(%)	0.0	
NOMINAL FLUX(lm)	15000	MAXIMUM @(C,γ)	165,69.5	η house_down(%)	34.5	
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100	
TEST VOLTAGE(V)	220.0	η down(%)	94.4	SLI	20.809	



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2015-02-06

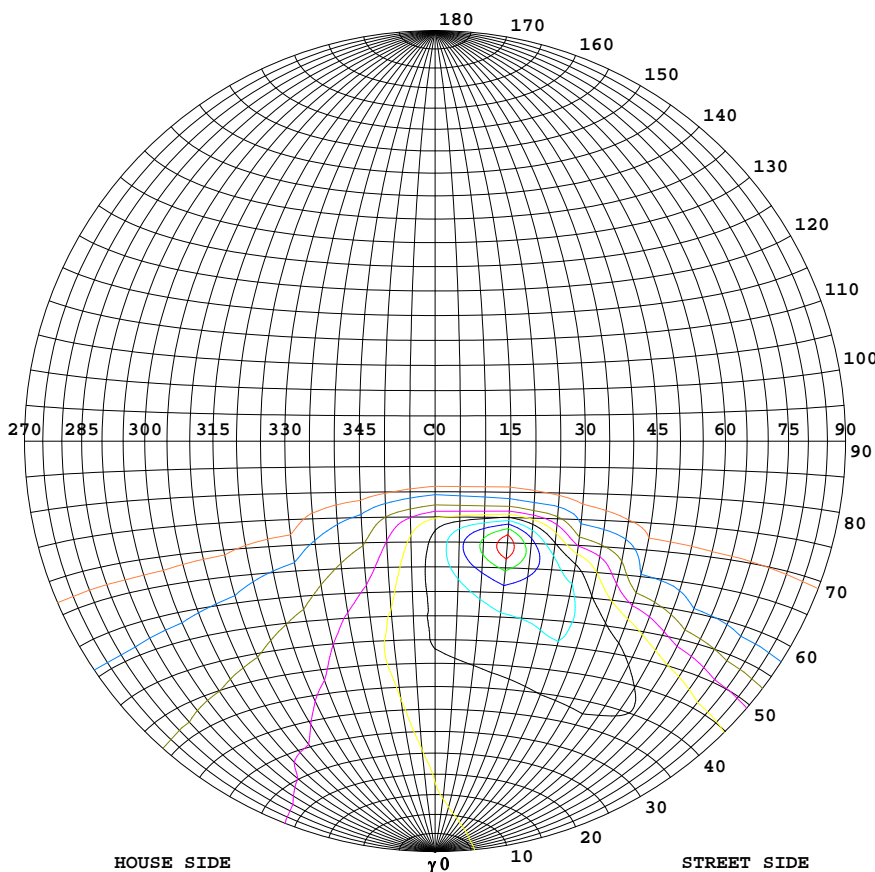
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.288
Humidity: 65.0%
Test Distance: 6.100m [K=1.0000]
Remarks: XTE4DR5 150

Note: SLI: Specific Luminaire Index

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT ISOCANDELA DIAGRAM

NAME: D-150MLED150-70	TYPE:Street Lighting	WEIGHT:12kg
SPEC.:14*5	DIM.: 825*360*150	Lens...:60150
MFR.: KLED		



Classification:

IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:49.22cd/klm
 Max.At90:2.054cd/klm
 Max.80-90:49.22cd/klm

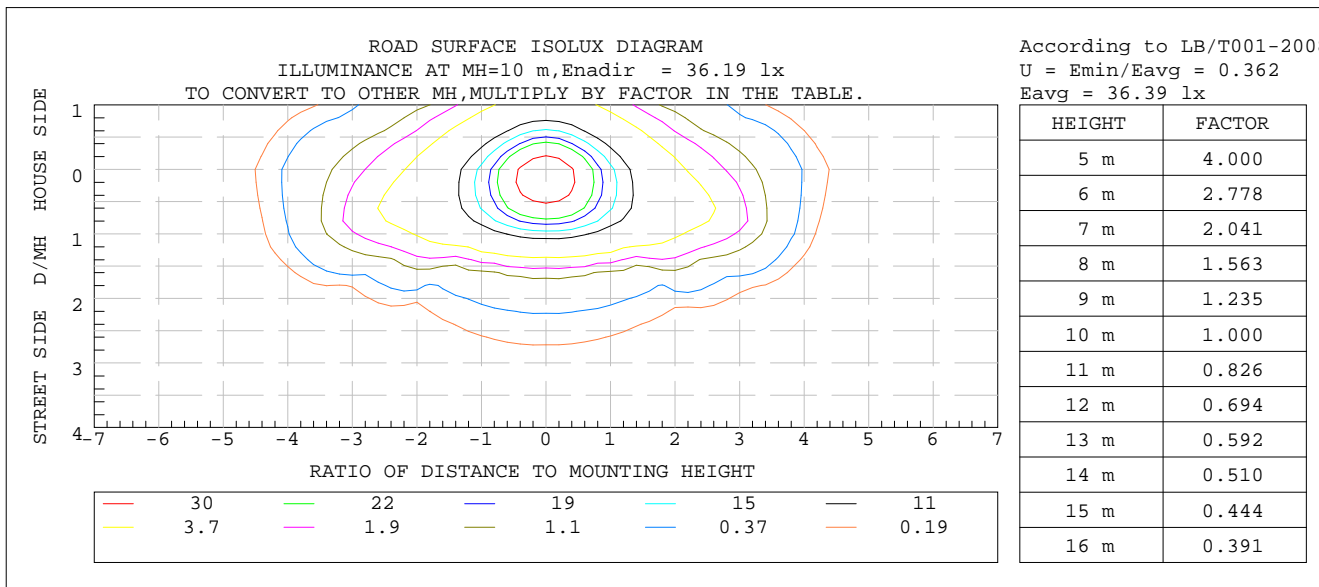
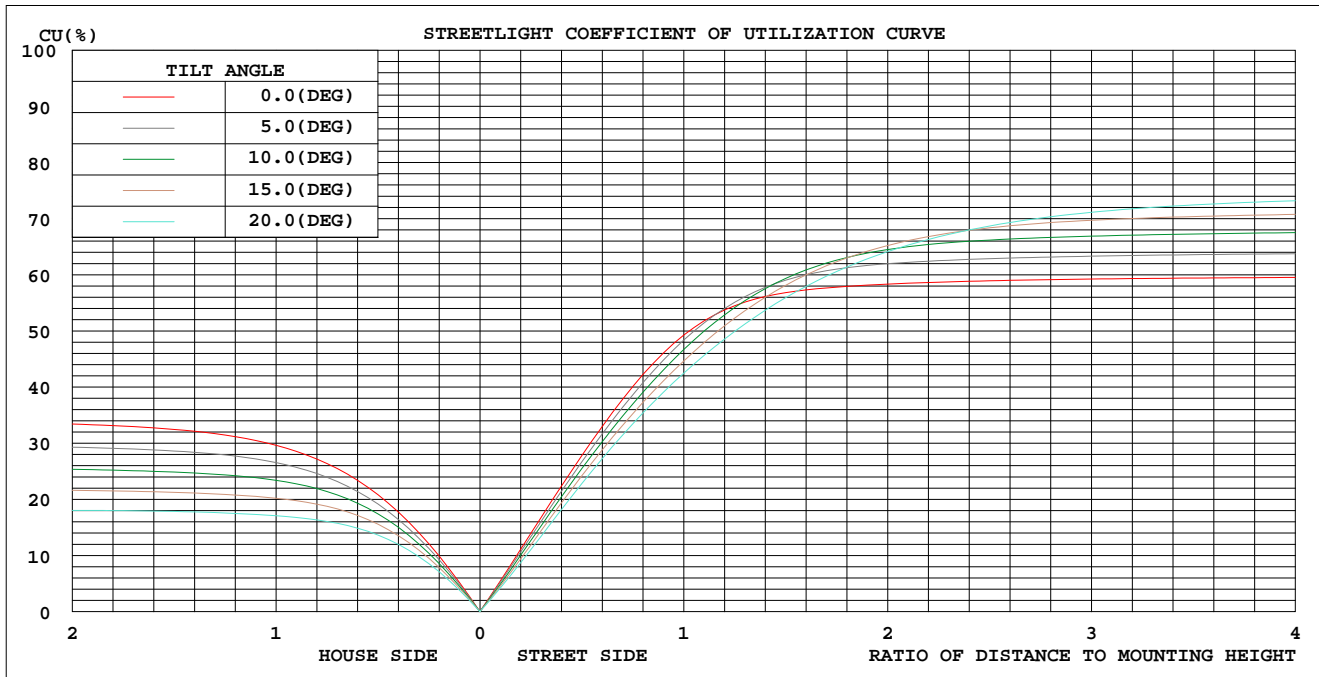
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9519
90%	8567
80%	7615
70%	6663
60%	5711
50%	4759
40%	3807
30%	2856
20%	1904
10%	952
5%	476

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-02-06

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.288
 Humidity:65.0%
 Test Distance:6.100m [K=1.0000]
 Remarks: XTE4DR5 150

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2015-02-06

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.288
Humidity: 65.0%
Test Distance: 6.100m [K=1.0000]
Remarks: XTE4DR5 150

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

NAME: D-150MLED150-70	TYPE:Street Lighting	WEIGHT:12kg
SPEC.:14*5	DIM.: 825*360*150	Lens.:60150
MFR.: KLED		

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	3647	3756	3794	3746	3630	3503	3450	3511	0- 5	86.79	86.79	0.61,0.58
10	3687	3883	3932	3869	3663	3384	3271	3395	5- 10	259.8	346.6	2.45,2.31
15	3746	4015	4079	4002	3715	3276	3092	3285	10- 15	432.6	779.2	5.5,5.19
20	3793	4156	4157	4159	3761	3165	2911	3180	15- 20	602.4	1382	9.76,9.21
25	3875	4271	4281	4290	3837	3018	2749	3038	20- 25	767.5	2149	15.2,14.3
30	3969	4465	4387	4484	3944	2860	2515	2888	25- 30	932.2	3081	21.8,20.5
35	4077	4637	4471	4678	4054	2680	2235	2710	30- 35	1087	4168	29.4,27.8
40	4243	4876	4320	4929	4227	2440	1984	2479	35- 40	1229	5397	38.1,36
45	4498	5090	3776	5185	4481	2157	1707	2188	40- 45	1350	6747	47.7,45
50	4819	4976	2699	5149	4727	1811	1351	1854	45- 50	1421	8167	57.7,54.4
55	4900	4263	1389	4486	4810	1402	1016	1451	50- 55	1378	9545	67.4,63.6
60	4962	2632	736.8	2738	4904	1019	722.6	1057	55- 60	1252	10797	76.3,72
65	5078	1027	561.3	1043	4968	645.2	537.2	688.1	60- 65	1134	11931	84.3,79.5
70	4981	568.1	455.3	629.5	4816	413.5	384.6	436.5	65- 70	1052	12983	91.7,86.6
75	3633	364.1	308.5	374.8	3124	287.6	319.0	296.2	70- 75	788.1	13771	97.3,91.8
80	738.3	183.2	160.4	168.1	546.5	155.6	133.6	169.1	75- 80	296.6	14068	99.4,93.8
85	95.68	57.63	16.32	43.40	68.46	21.52	15.48	29.25	80- 85	72.61	14140	99.9,94.3
90	30.81	10.98	9.253	7.526	24.31	11.30	8.566	12.49	85- 90	13.76	14154	100,94.4
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			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-02-06

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.288
 Humidity:65.0%
 Test Distance:6.100m [K=1.0000]
 Remarks: XTE4DR5 150

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

NAME: D-150MLED150-70	TYPE: Street Lighting	WEIGHT: 12kg
SPEC.: 14*5	DIM.: 825*360*150	Lens.: 60150
MFR.: KLED		

Conical surface Flux(90deg):

6746.7 lm

%lum = 47.7%

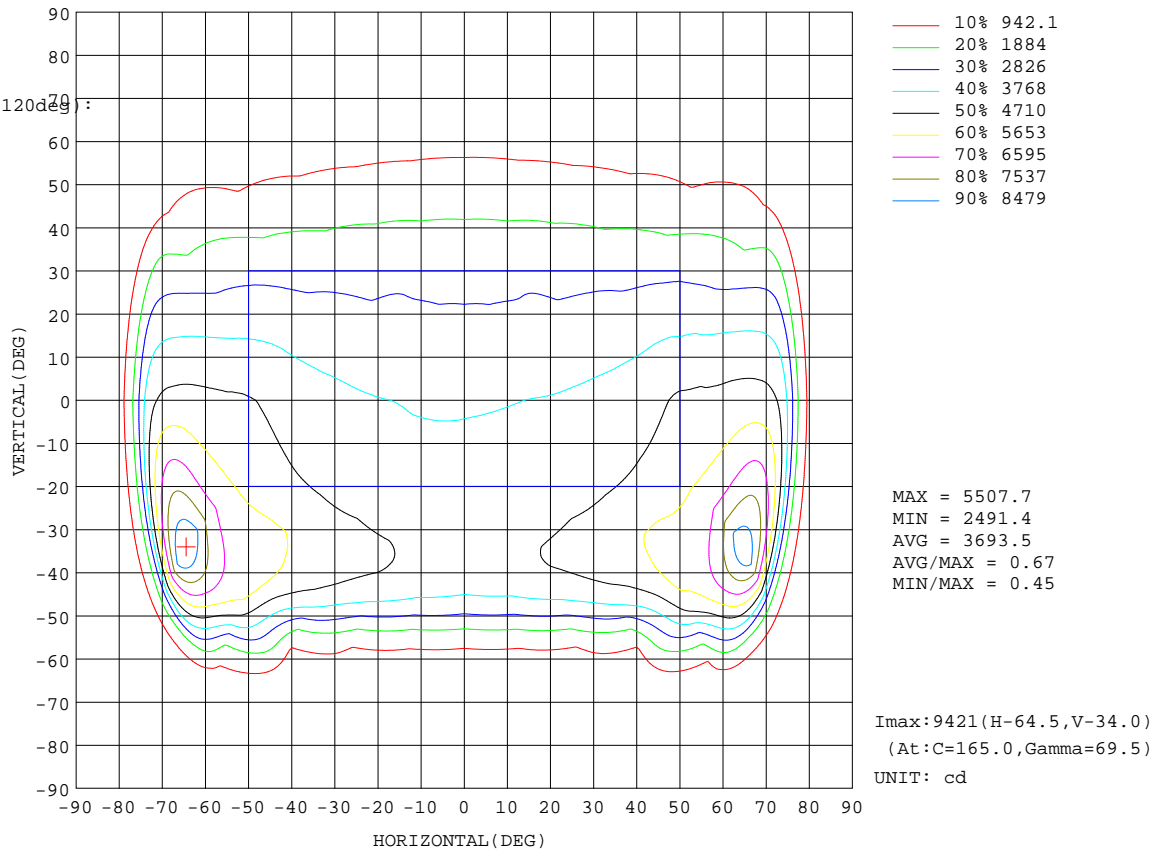
%lamp = 45.0%

Conical surface Flux(120deg):

10797 lm

%lum = 76.3%

%lamp = 72.0%

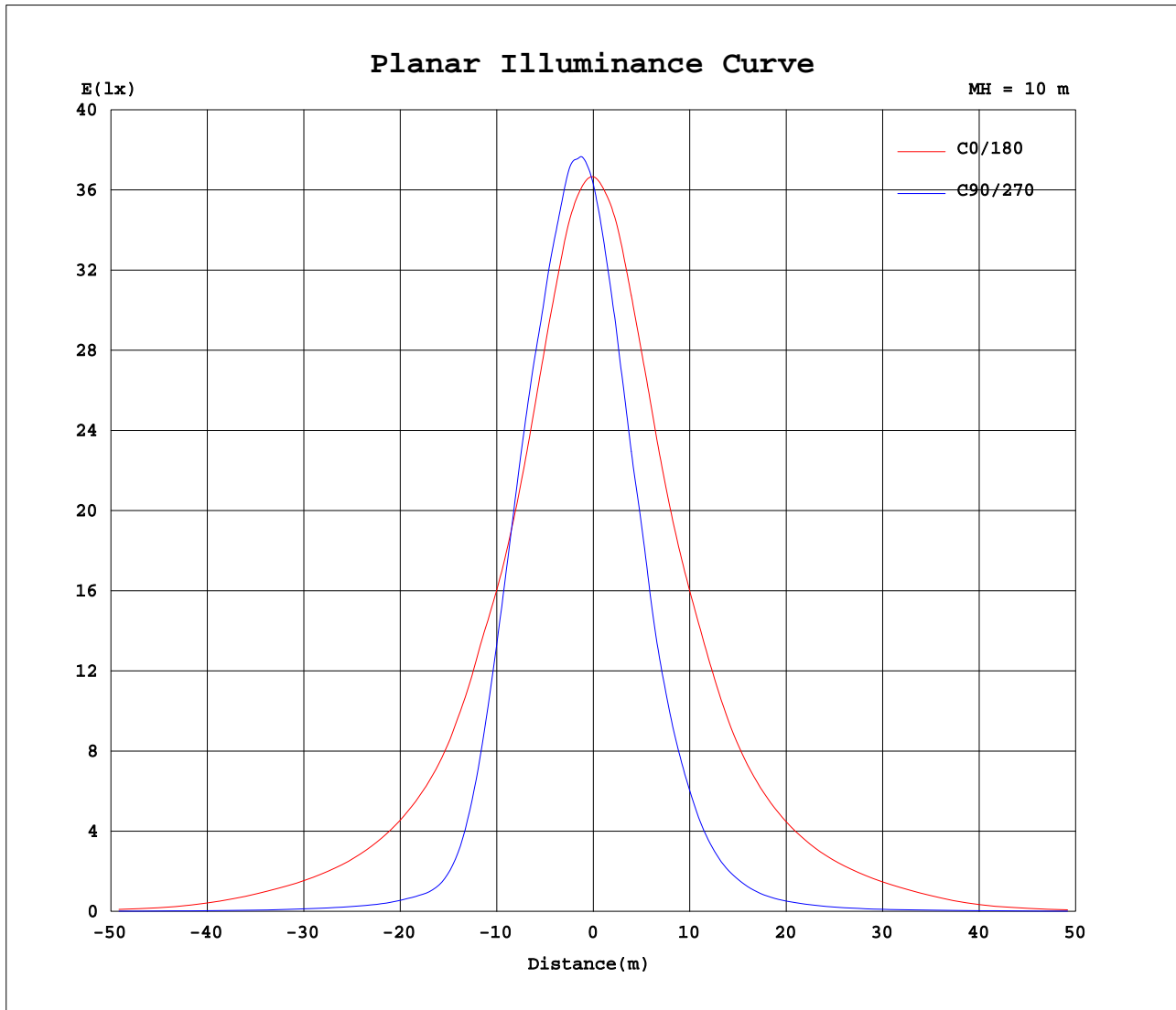


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2015-02-06

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.288
 Humidity: 65.0%
 Test Distance: 6.100m [K=1.0000]
 Remarks: XTE4DR5 150

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2015-02-06

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.288
Humidity: 65.0%
Test Distance: 6.100m [K=1.0000]
Remarks: XTE4DR5 150

