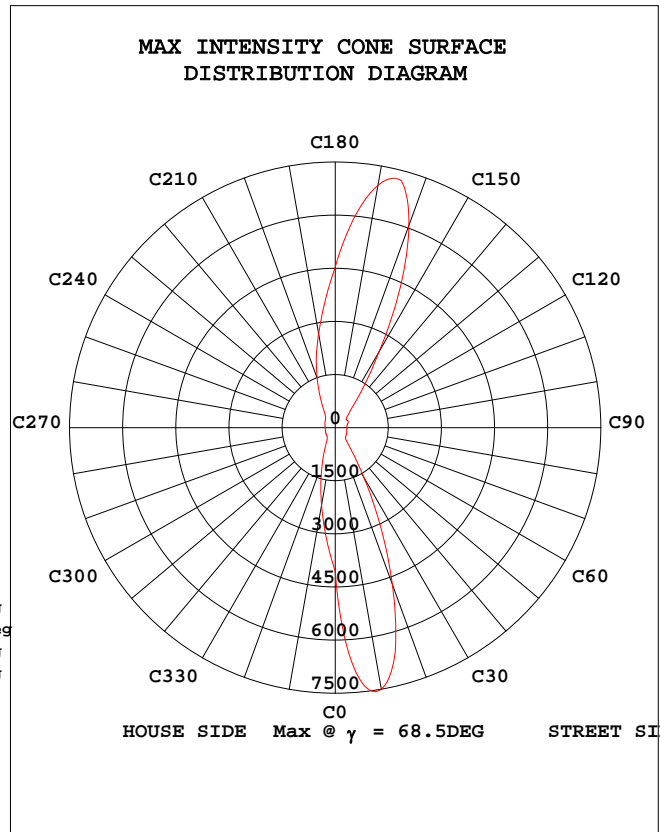
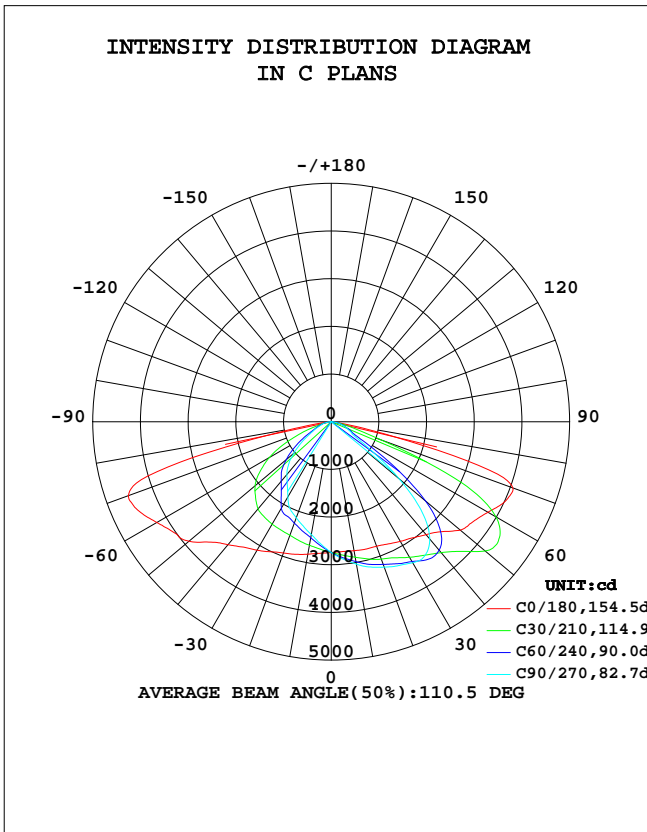


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: D-150MLED120-56	TYPE:Street Lighting	WEIGHT:11.8kg
SPEC.:14*4	DIM.: 825*360*150	SERIAL No.:60150

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	120W	Imax(cd)	7217	η street_up(%)	0.0
NOMINAL POWER(W)	120	LOR(%)	107.4	η street_down(%)	66.8
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	10739	η house_up(%)	0.0
NOMINAL FLUX(lm)	10000	MAXIMUM @(C, γ)	165,68.5	η house_down(%)	40.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.0	η down(%)	107.4	SLI	19.606



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:KB01
 Test Date:2015-02-07

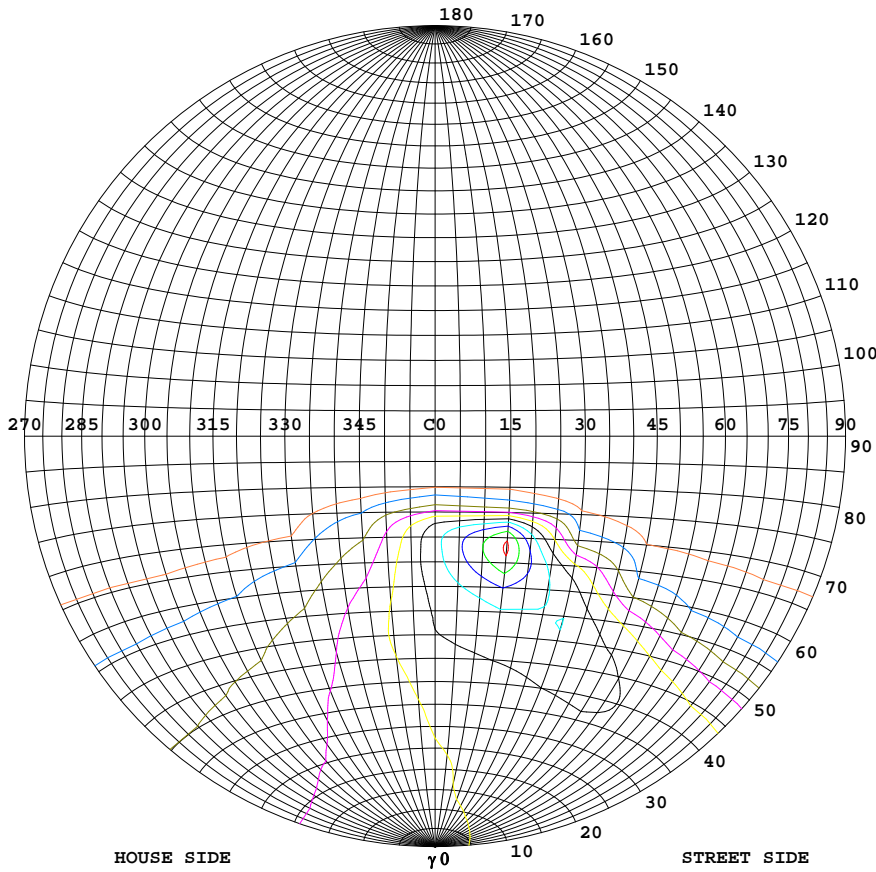
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.288
 Humidity:65.0%
 Test Distance:6.100m [K=1.0000]
 Remarks: 4DR5 HLG120-54

Note: SLI:Specific Luminaire Index

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT ISOCANDELA DIAGRAM

NAME: D-150MLED120-56	TYPE:Street Lighting	WEIGHT:11.8kg
SPEC.:14*4	DIM.: 825*360*150	SERIAL No.:60150



Classification:

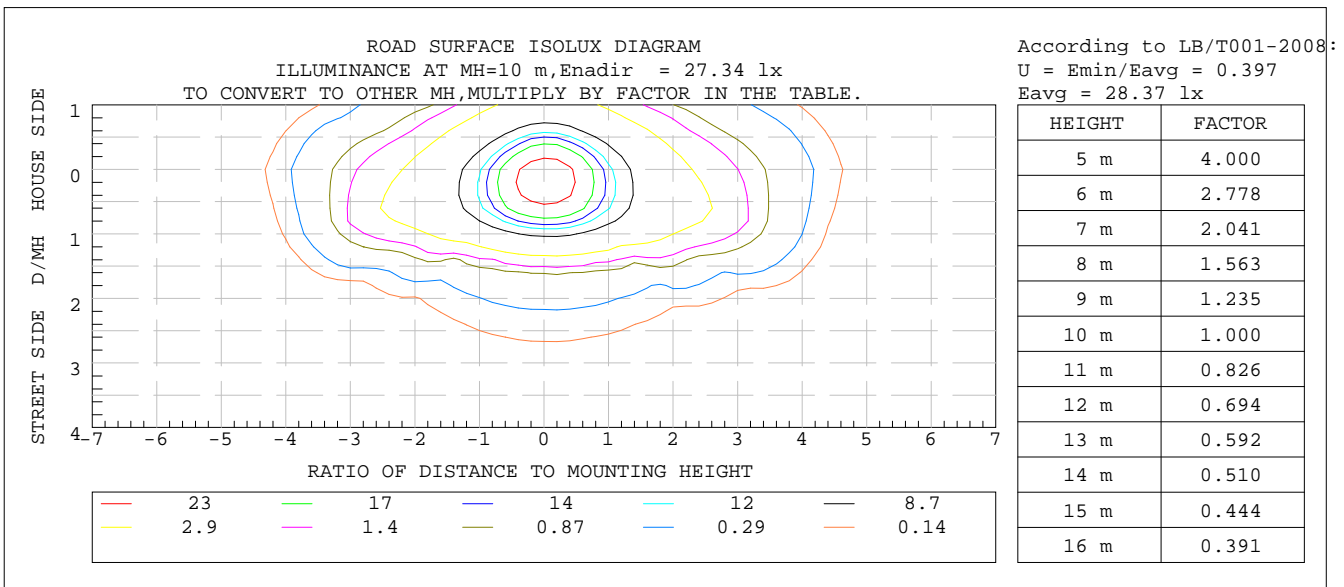
IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:62.24cd/klm
 Max.At90:2.210cd/klm
 Max.80-90:62.24cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7217
90%	6496
80%	5774
70%	5052
60%	4330
50%	3609
40%	2887
30%	2165
20%	1443
10%	722
5%	361

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:KB01
 Test Date:2015-02-07

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: 4DR5 HLG120-54

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: KB01
Test Date: 2015-02-07

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: 4DR5 HLG120-54

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

NAME: D-150MLED120-56	TYPE:Street Lighting	WEIGHT:11.8kg
SPEC.:14*4	DIM.: 825*360*150	SERIAL No.:60150

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	2734	2842	2893	2873	2770	2641	2571	2609	0- 5	65.56	65.56	0.61,0.66
10	2747	2933	3031	3000	2821	2544	2404	2486	5- 10	196.2	261.8	2.44,2.62
15	2769	3051	3154	3149	2879	2454	2269	2375	10- 15	327.0	588.7	5.48,5.89
20	2780	3154	3246	3288	2930	2383	2146	2285	15- 20	456.3	1045	9.73,10.5
25	2828	3248	3331	3409	3008	2295	2032	2186	20- 25	583.2	1628	15.2,16.3
30	2898	3400	3415	3576	3111	2195	1822	2073	25- 30	710.2	2338	21.8,23.4
35	2973	3531	3426	3732	3211	2088	1610	1949	30- 35	828.3	3167	29.5,31.7
40	3092	3716	3212	3936	3367	1917	1450	1771	35- 40	936.0	4103	38.2,41
45	3263	3756	2708	4017	3571	1713	1267	1559	40- 45	1023	5125	47.7,51.3
50	3537	3490	1860	3825	3898	1511	1025	1355	45- 50	1071	6197	57.7,62
55	3642	2782	926.7	3206	4040	1211	769.2	1053	50- 55	1045	7241	67.4,72.4
60	3794	1467	504.2	1889	4226	886.1	526.8	743.2	55- 60	950.8	8192	76.3,81.9
65	3999	580.8	397.4	754.2	4444	571.7	377.6	463.8	60- 65	877.2	9069	84.5,90.7
70	4052	362.5	310.7	468.8	4526	326.1	257.5	285.8	65- 70	795.0	9864	91.9,98.6
75	2314	221.4	217.9	295.7	3278	208.2	199.7	178.6	70- 75	587.0	10451	97.3,105
80	336.5	112.8	123.2	144.2	622.4	120.6	109.9	99.90	75- 80	220.7	10672	99.4,107
85	53.43	37.09	14.42	53.38	74.04	21.32	9.656	13.87	80- 85	55.97	10728	99.9,107
90	22.10	8.043	7.682	7.289	20.13	7.463	6.728	9.111	85- 90	11.11	10739	100,107
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:KB01
 Test Date:2015-02-07

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: 4DR5 HLG120-54

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

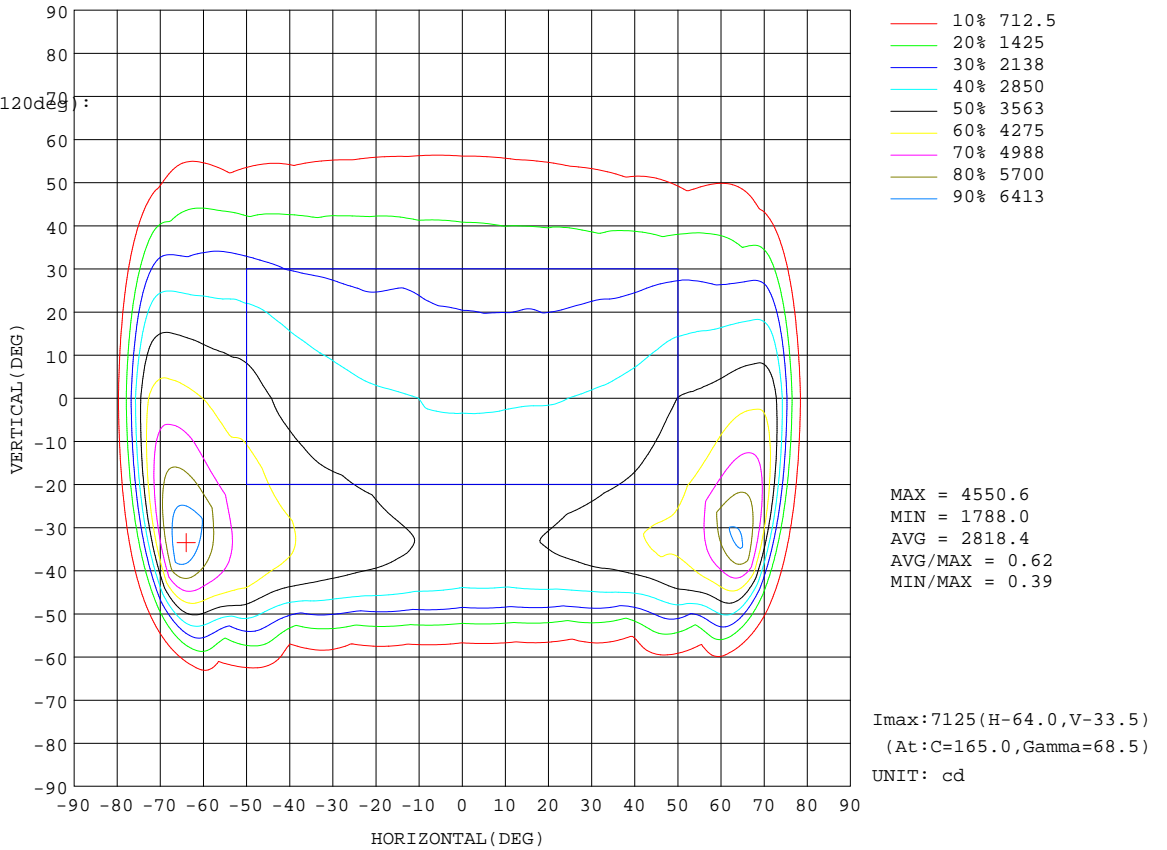
NAME: D-150MLED120-56	TYPE: Street Lighting	WEIGHT: 11.8kg
SPEC.: 14*4	DIM.: 825*360*150	SERIAL No.: 60150

Conical surface Flux(90deg):

5125.4 lm
 %lum = 47.7%
 %lamp = 51.3%

Conical surface Flux(120deg):

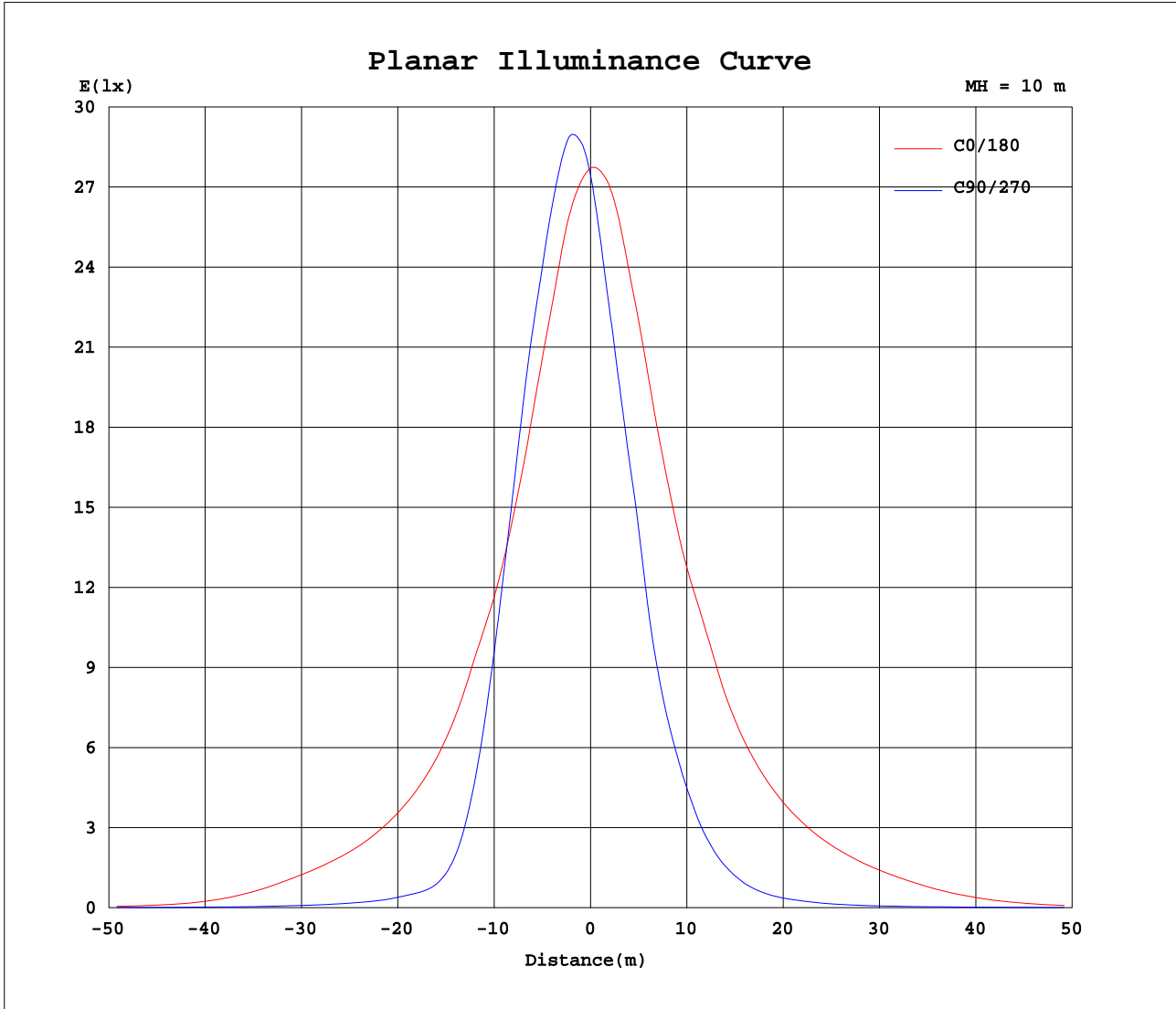
8192.2 lm
 %lum = 76.3%
 %lamp = 81.9%



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: KB01
 Test Date: 2015-02-07

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: 4DR5 HLG120-54

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: KB01
Test Date: 2015-02-07

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: 4DR5 HLG120-54

