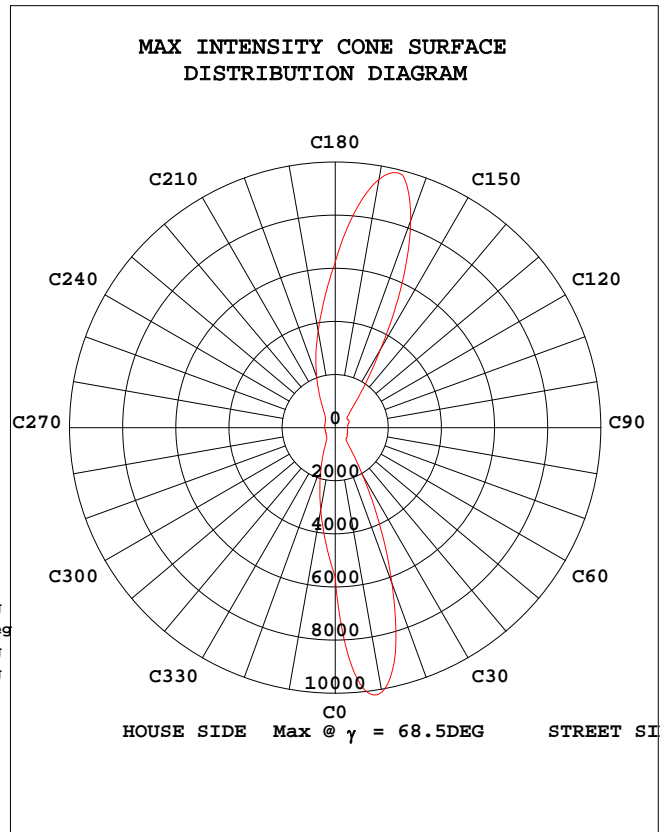
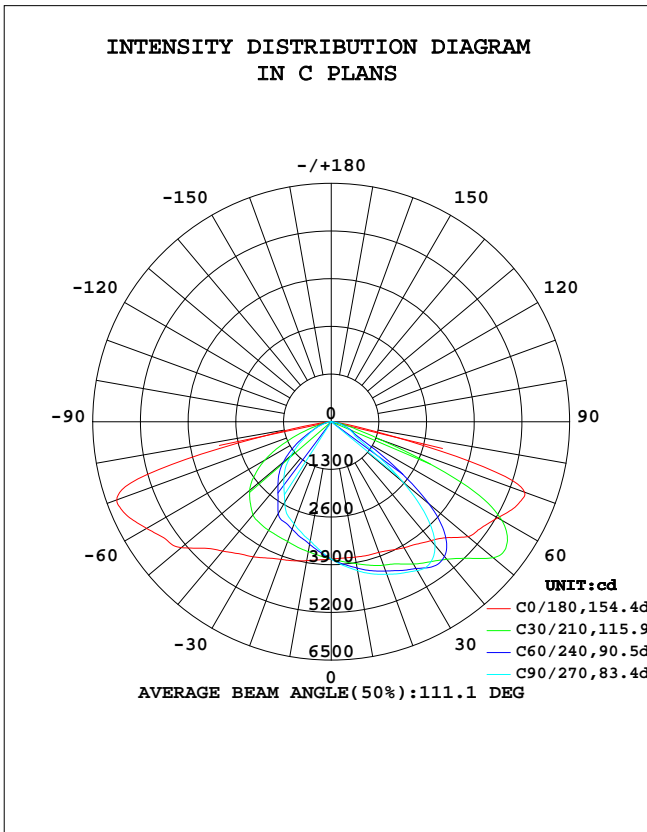


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: D-150MLED150-98	TYPE:Street Lighting	WEIGHT:12kg
SPEC.:14*7	DIM.: 825*360*150	SERIAL No.:60150

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.64 lm/W			
MODEL	150W	I _{max} (cd)	9839	η street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	98.0	η street_down(%)	60.6
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	14695	η house_up(%)	0.0
NOMINAL FLUX(lm)	15000	MAXIMUM @(C,γ)	165,68.5	η house_down(%)	37.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.0	η down(%)	98.0	SLI	20.100

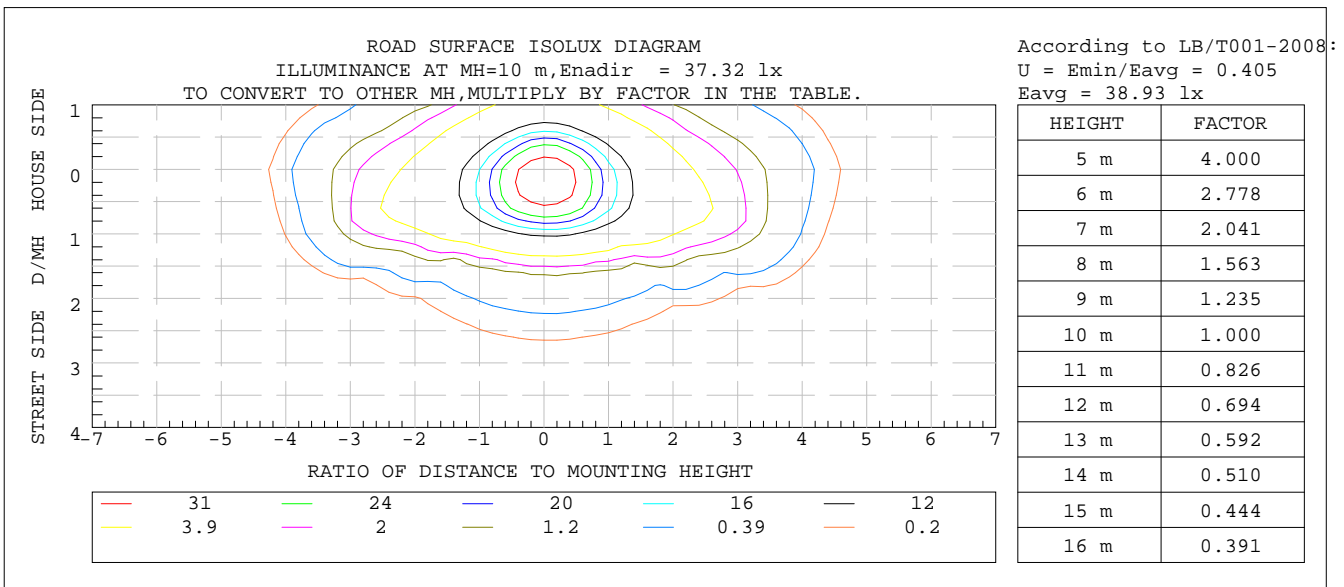


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KB01
Test Date:2015-02-06

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

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: 2015-02-06

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-150MLED150-98	TYPE:Street Lighting	WEIGHT:12kg
SPEC.:14*7	DIM.: 825*360*150	SERIAL No.:60150

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	3732	3870	3939	3913	3780	3612	3521	3570	0- 5	89.49	89.49	0.61,0.60
10	3749	3991	4122	4083	3847	3484	3301	3411	5- 10	267.9	357.4	2.43,2.38
15	3775	4141	4292	4276	3925	3366	3131	3267	10- 15	446.4	803.7	5.47,5.36
20	3792	4284	4426	4471	3996	3281	2967	3159	15- 20	623.5	1427	9.71,9.52
25	3862	4423	4558	4646	4101	3170	2816	3028	20- 25	797.9	2225	15.1,14.8
30	3967	4637	4685	4883	4254	3037	2535	2884	25- 30	973.4	3199	21.8,21.3
35	4074	4829	4701	5107	4392	2893	2247	2724	30- 35	1138	4336	29.5,28.9
40	4233	5088	4403	5403	4603	2662	2009	2483	35- 40	1286	5623	38.3,37.5
45	4471	5125	3701	5515	4879	2385	1765	2192	40- 45	1403	7026	47.8,46.8
50	4873	4733	2545	5245	5339	2088	1437	1886	45- 50	1470	8496	57.8,56.6
55	5021	3730	1285	4383	5545	1688	1095	1495	50- 55	1436	9931	67.6,66.2
60	5239	1957	735.8	2582	5817	1247	759.4	1068	55- 60	1313	11244	76.5,75
65	5523	812.1	591.6	1060	6111	779.7	538.8	655.2	60- 65	1211	12455	84.8,83
70	5608	515.1	426.6	654.4	6219	451.3	351.2	405.4	65- 70	1090	13545	92.2,90.3
75	3075	288.5	286.9	384.5	4507	267.4	207.4	220.6	70- 75	788.0	14333	97.5,95.6
80	470.8	136.5	153.6	172.0	873.4	103.4	103.3	77.94	75- 80	283.4	14617	99.5,97.4
85	72.62	40.05	17.16	54.23	108.6	22.77	11.35	16.84	80- 85	64.81	14681	99.9,97.9
90	29.75	10.44	9.726	9.138	28.07	9.105	8.432	11.84	85- 90	13.73	14695	100,98
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:2015-02-06

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

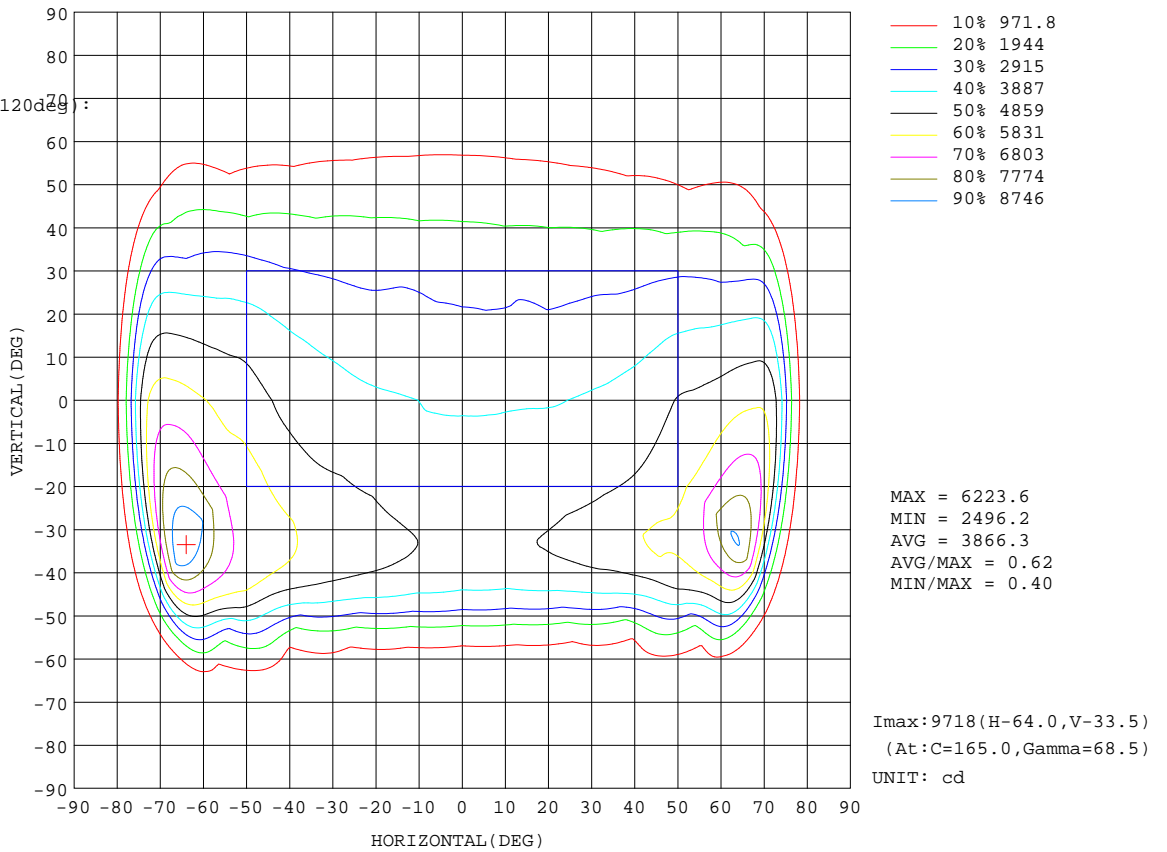
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

NAME: D-150MLED150-98	TYPE: Street Lighting	WEIGHT: 12kg
SPEC.: 14*7	DIM.: 825*360*150	SERIAL No.: 60150

Conical surface Flux(90deg):
 7025.9 lm
 %lum = 47.8%
 %lamp = 46.8%

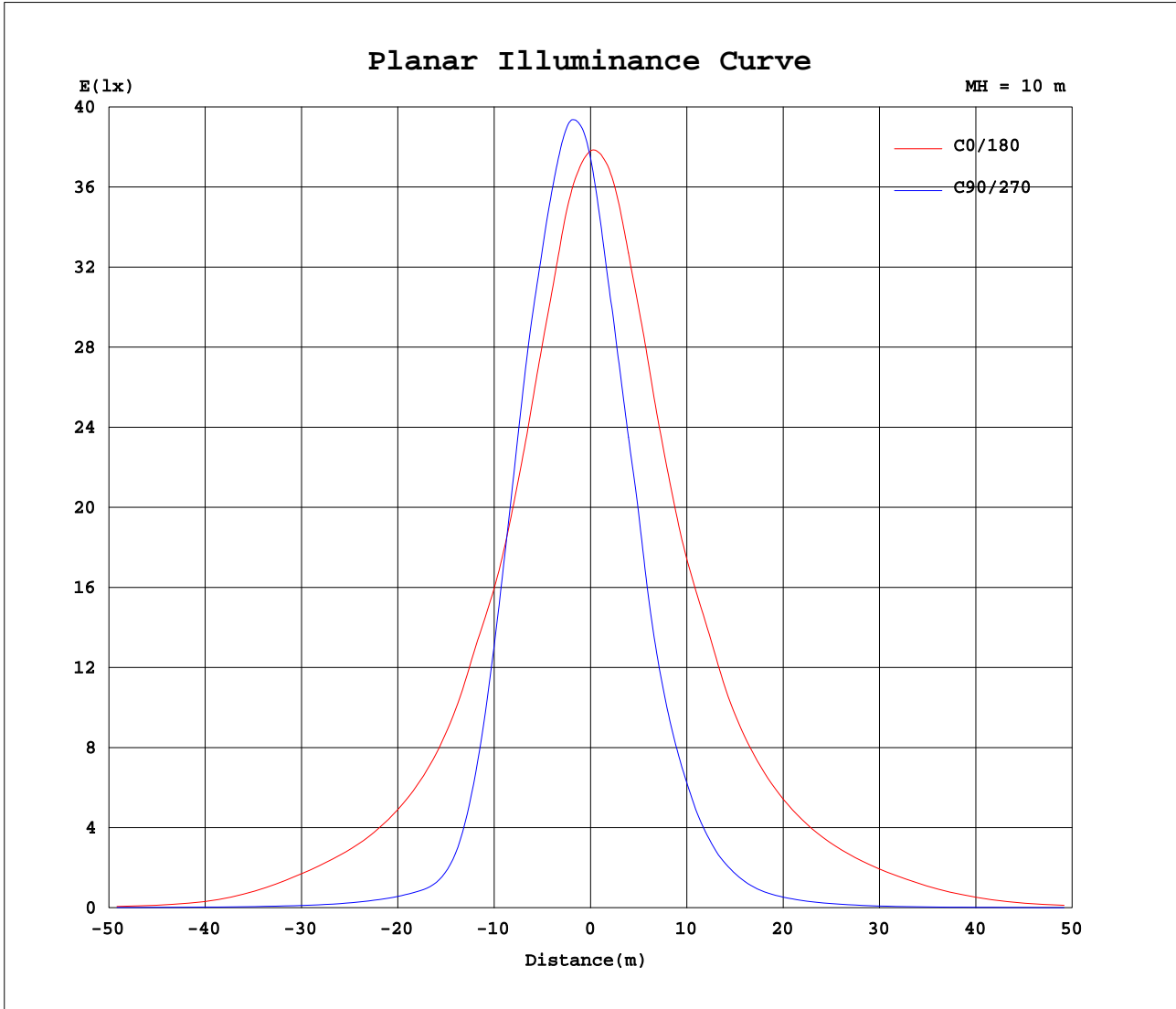
Conical surface Flux(120deg):
 11244 lm
 %lum = 76.5%
 %lamp = 75.0%



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

Planar Illuminance Curve



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

