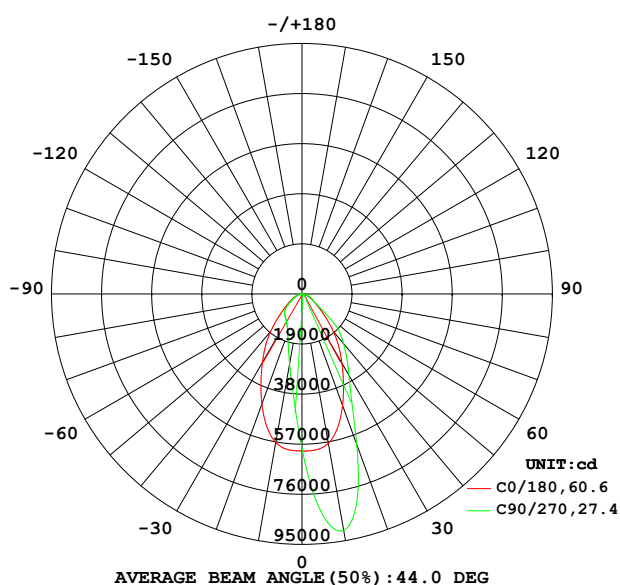
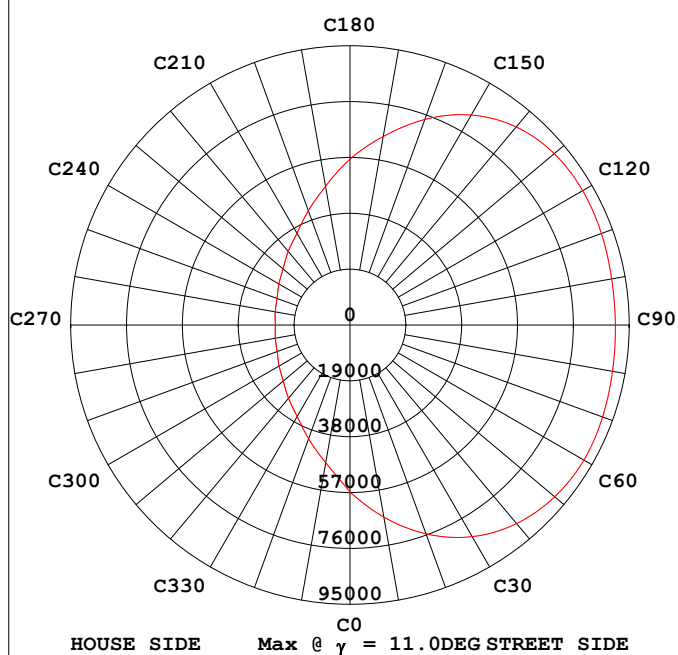


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.2V I:2.2053A P:495.92W PF:0.9812 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76428.6x1 lm		
NAME: FL23-500-5070-F12203	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

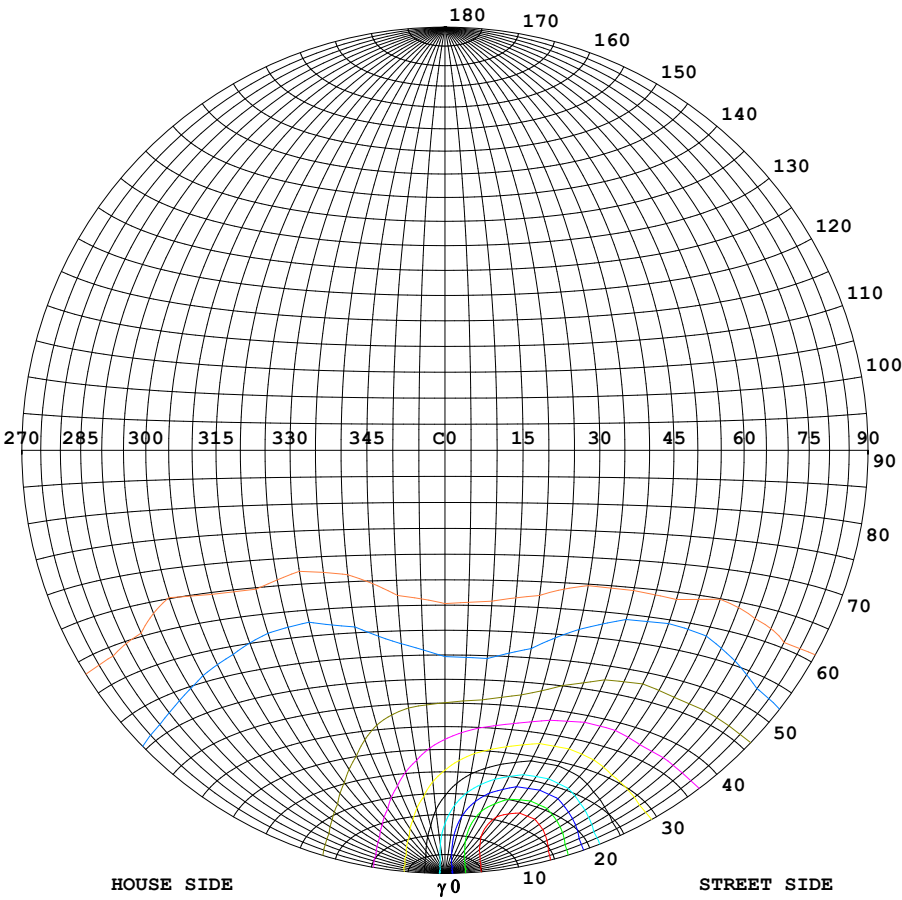
DATA OF LAMP		PHOTOMETRIC DATA Eff: 154.11 lm/W			
MODEL	/	I _{max} (cd)	91885	η street_up(%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η street_down(%)	65.3
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	76429	η house_up(%)	0.0
NOMINAL FLUX(lm)	76428.6	MAXIMUM @ (C,γ)	60,11.0	η house_down(%)	34.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	/	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:25.3℃
Operators:LYJ
Test Date:2022-10-26

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

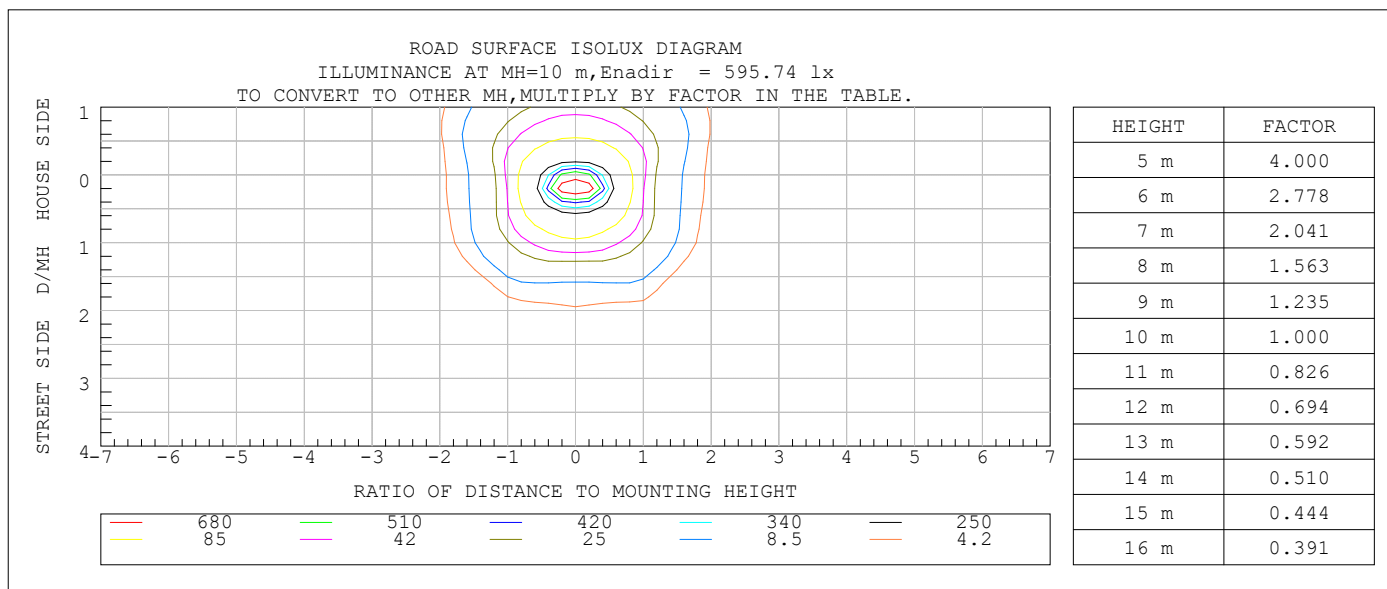
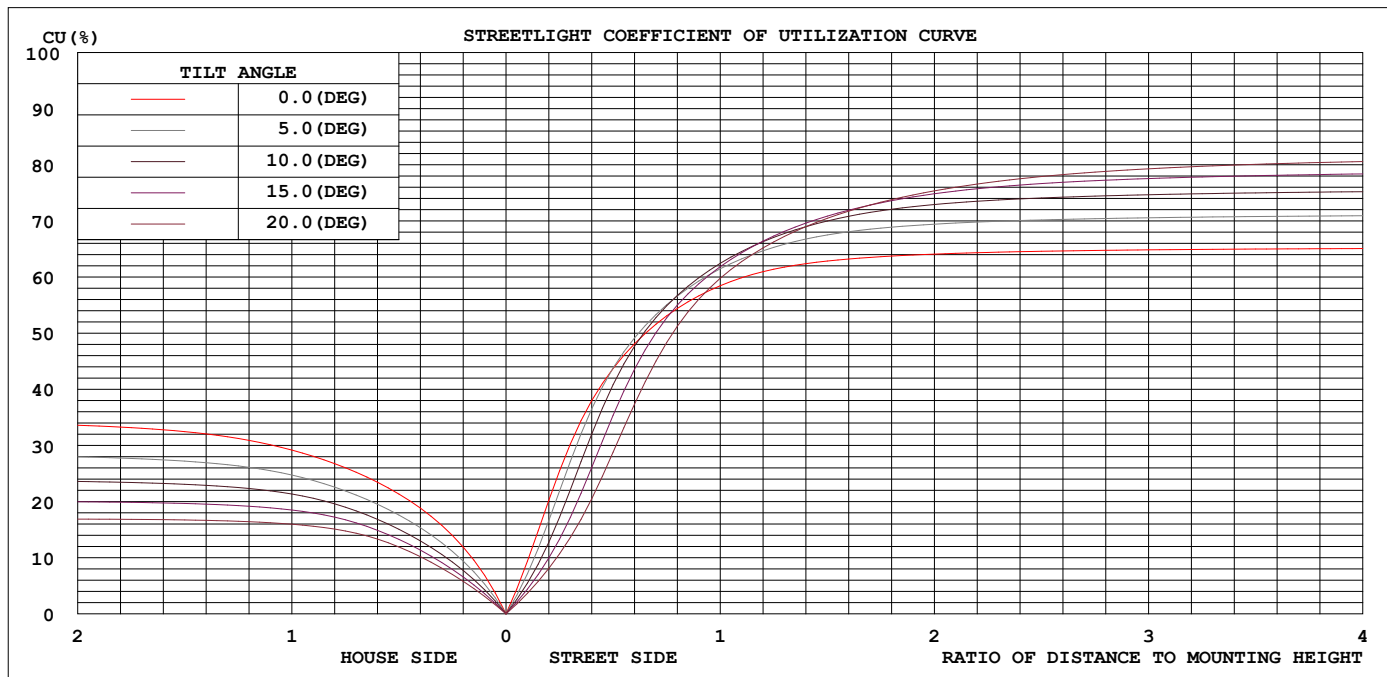


Classification:
IES:Type I - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:14.16cd/klm
Max.At90:0.0562cd/klm
Max.80-90:14.16cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		91885
—	90%	82696
—	80%	73508
—	70%	64319
—	60%	55131
—	50%	45942
—	40%	36754
—	30%	27565
—	20%	18377
—	10%	9188
—	5%	4594

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2022-10-26

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-10-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4548]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

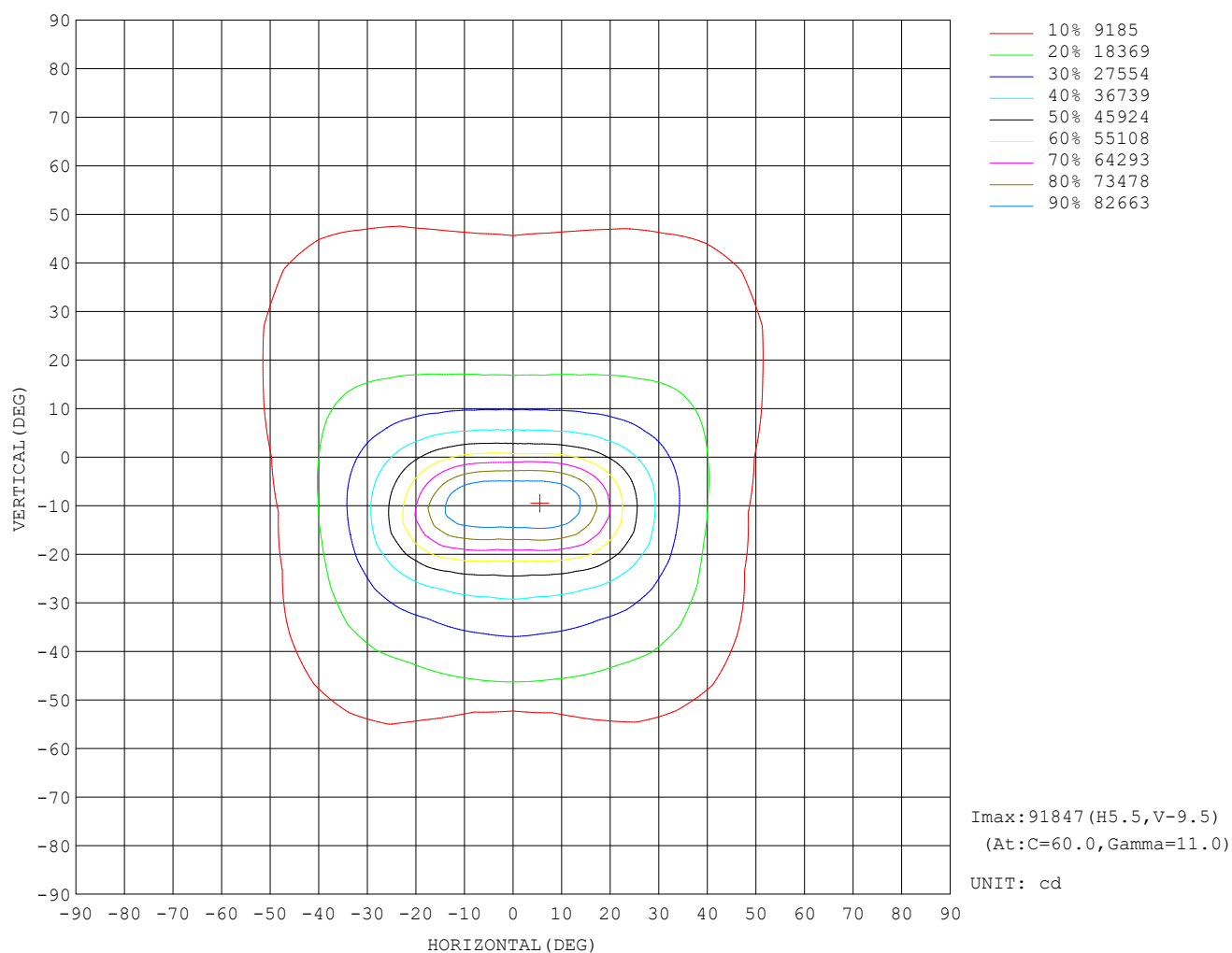
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5752	8846	9106	8835	5722	3290	2705	3277	0- 10	5711	5711	7.47,7.47
20	4502	7553	6066	7700	4445	2089	1581	2081	10- 20	14955	20666	27,27
30	3032	4242	3565	4290	2998	1507	1188	1500	20- 30	16287	36953	48.4,48.4
40	1848	2586	2455	2562	1831	1224	1017	1221	30- 40	14161	51114	66.9,66.9
50	896.9	1627	1226	1589	900.2	1040	759.8	1030	40- 50	11471	62585	81.9,81.9
60	467.7	843.6	480.2	865.5	469.5	789.7	408.9	766.4	50- 60	7862	70448	92.2,92.2
70	232.9	216.5	289.1	220.6	232.0	228.8	214.6	228.3	60- 70	4170	74618	97.6,97.6
80	76.19	66.18	108.2	65.62	75.43	64.41	69.94	62.70	70- 80	1547	76165	99.7,99.7
90	0.3132	0.3764	0.4298	0.3878	0.3422	0.3403	0.3959	0.3407	80- 90	263.9	76429	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:X10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-10-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4548]
 Remarks:

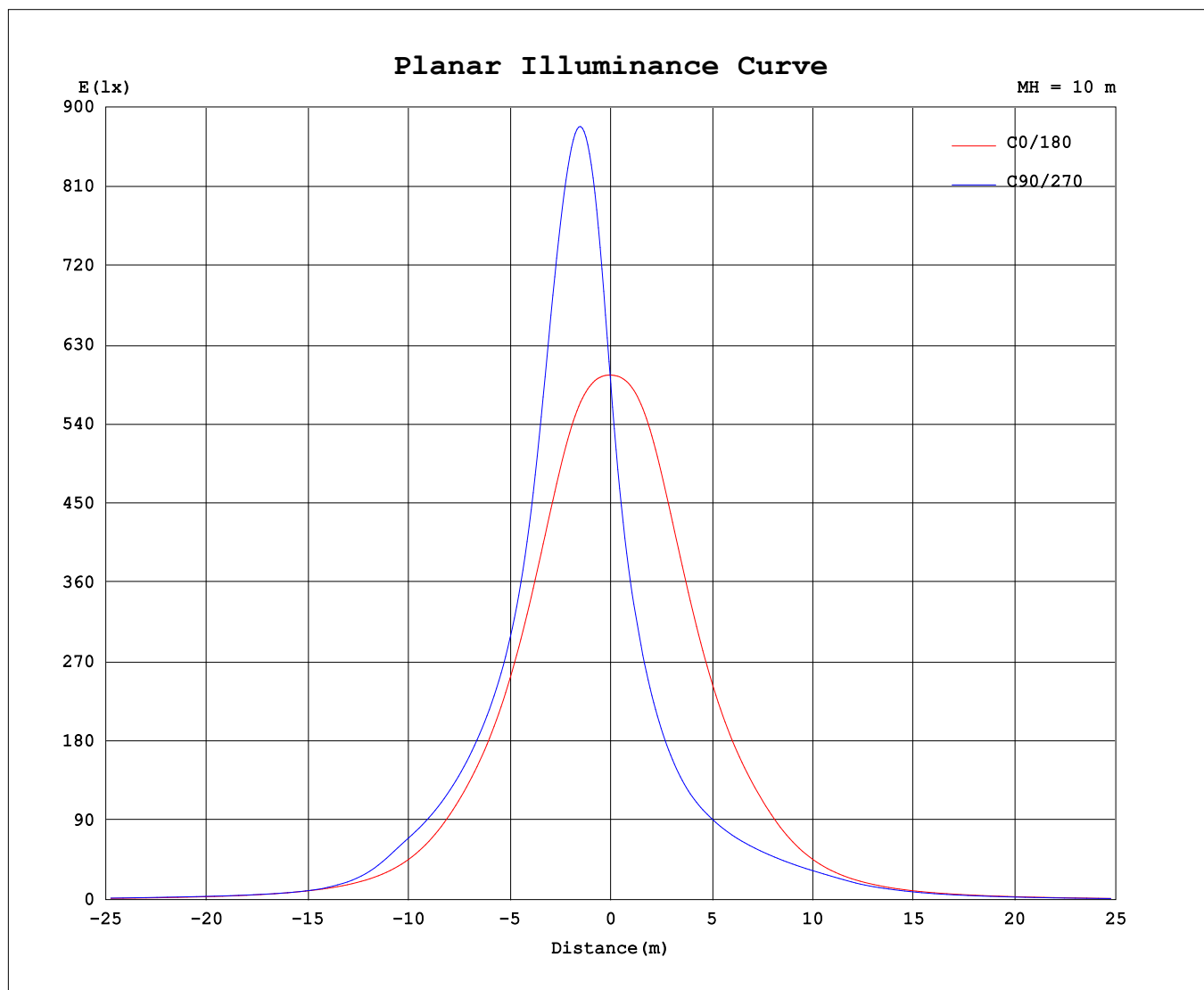
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-10-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4548]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-10-26

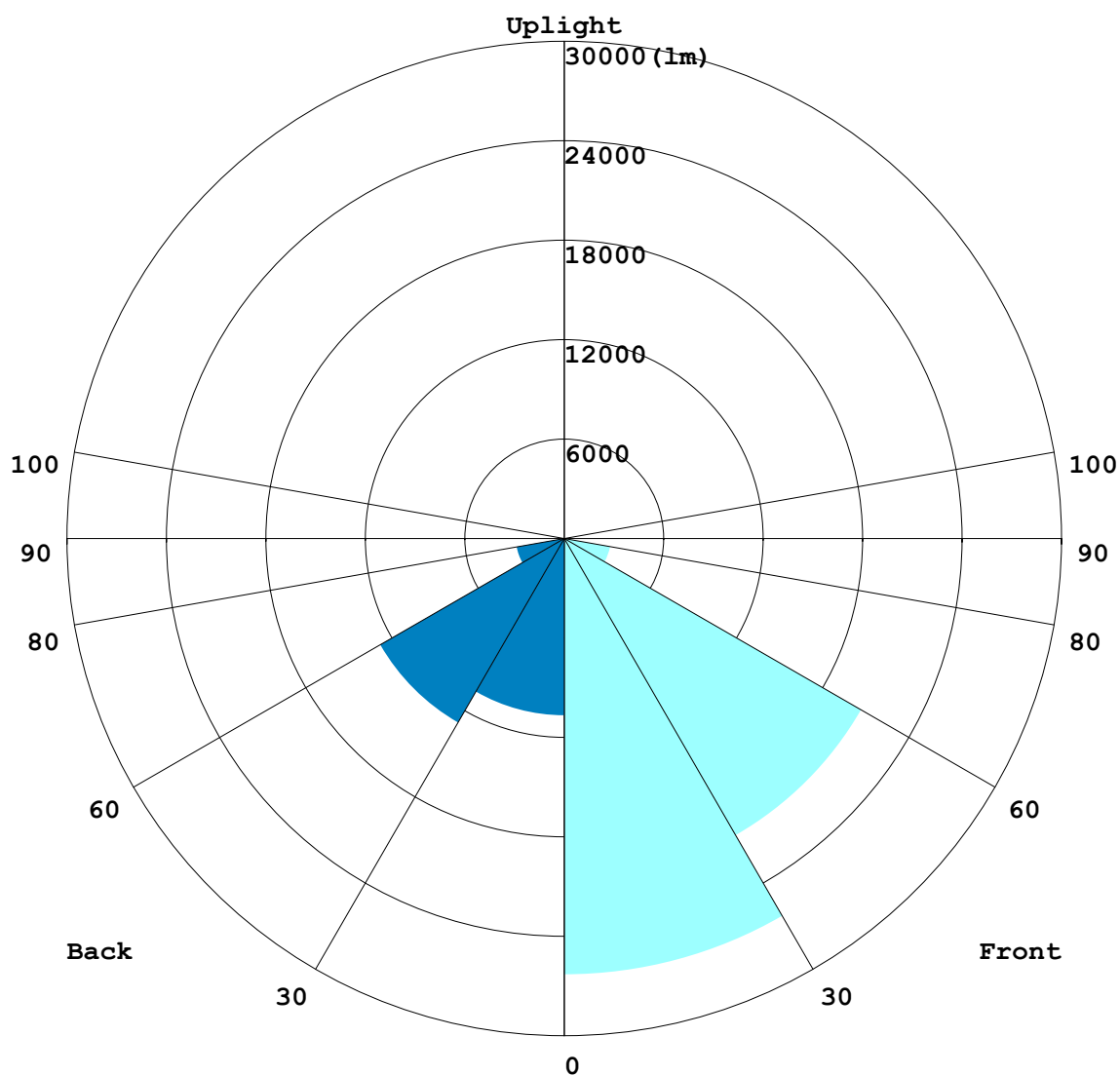
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4548]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.2V I:2.2053A P:495.92W PF:0.9812 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76428.6x1 lm		
NAME: FL23-500-5070-F12203	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-10-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4548]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:229.2V I:2.2053A P:495.92W PF:0.9812 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76428.6x1 lm		
NAME: FL23-500-5070-F12203	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	26291	34.4
FM - Front-Medium(30-60)	20675	27.1
FH - Front-High(60-80)	2804.3	3.7
FVH - Front-Very High(80-90)	139.45	0.2
Total Forward Light	49909	65.3

BL - Back-Low(0-30)	10663	14.0
BM - Back-Medium(30-60)	12819	16.8
BH - Back-High(60-80)	2912.6	3.8
BVH - Back-Very High(80-90)	124.47	0.2
Total Back Light	26519	34.7

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B5-U0-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	26519	0	26519
Street Side	49909	0	49909

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2022-10-26

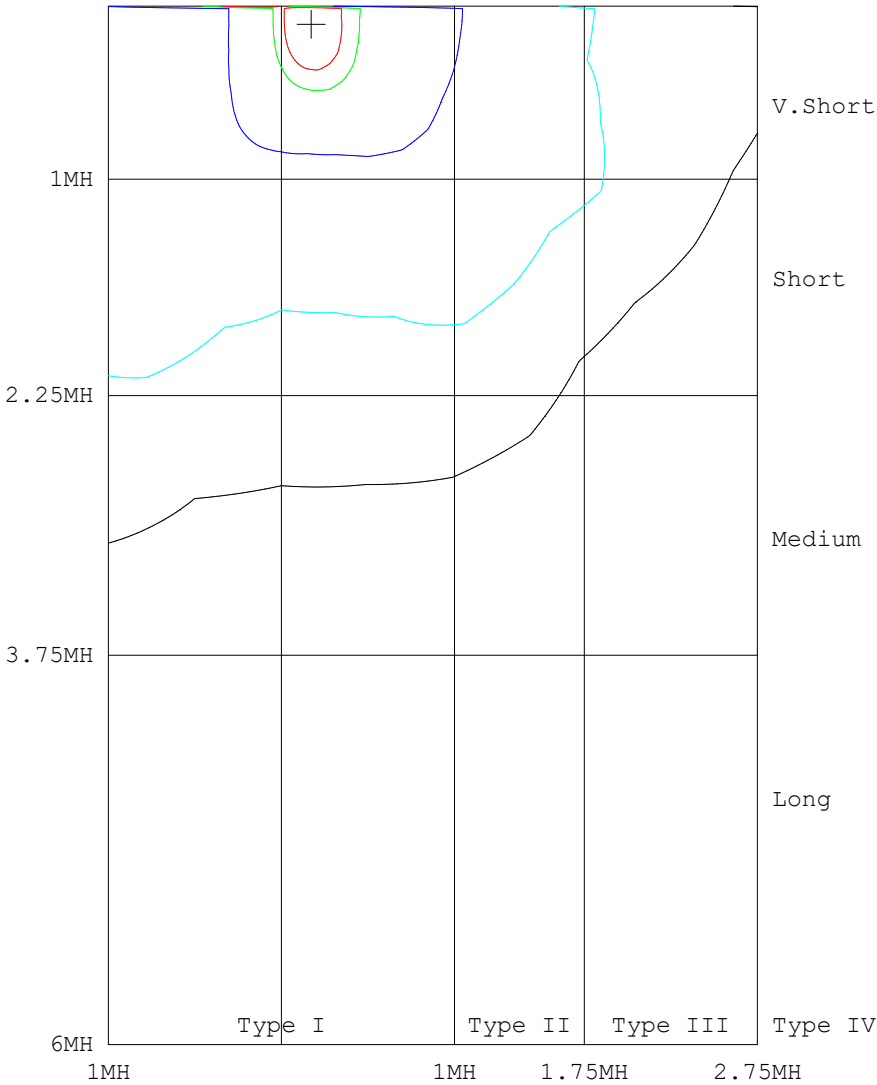
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:229.2V I:2.2053A P:495.92W PF:0.9812 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76428.6x1 lm		
NAME: FL23-500-5070-F12203	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2022-10-26

Pavement

Road

70% 64249 50% 46892 5% 4589.2

Y Range: 18057 - 90DEG
Y Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2022-10-26