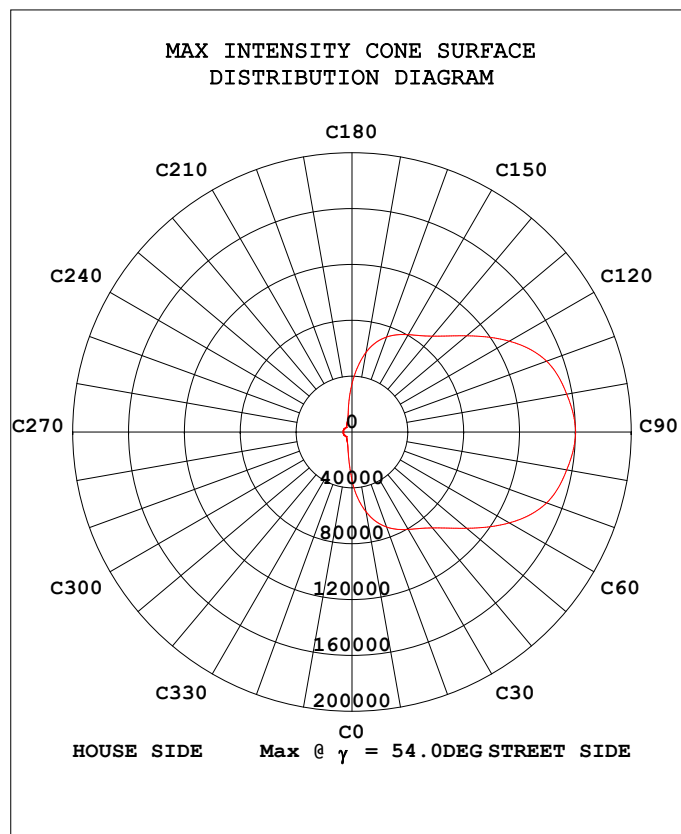
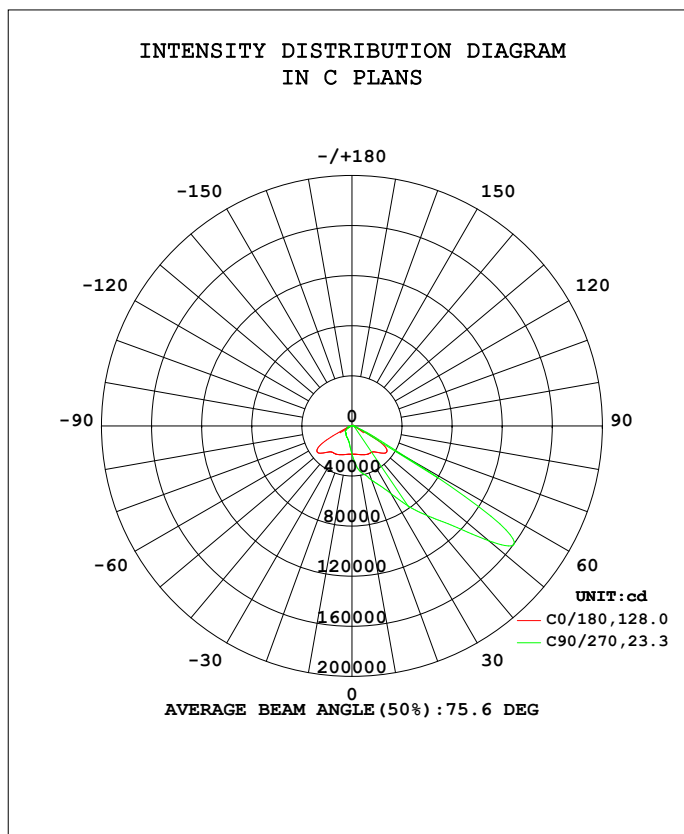


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.5V I:5.267A P:1193.9W PF:0.996 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:147484x1 lm		
NAME: SP04-1K2-5770-F04014-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

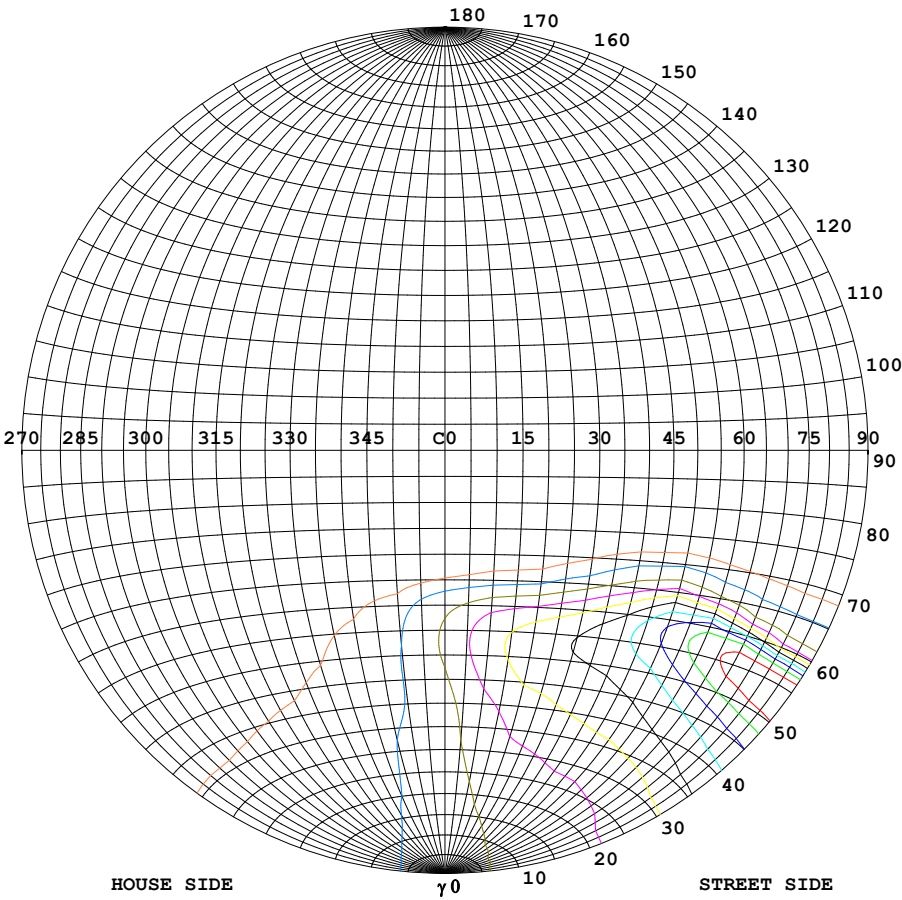
DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.53 lm/W			
MODEL	/	I _{max} (cd)	160163	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	86.1
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	147484	η house_up (%)	0.0
NOMINAL FLUX (lm)	147484	MAXIMUM @ (C, γ)	90,54.0	η house_down (%)	13.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-28

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=0.4556]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



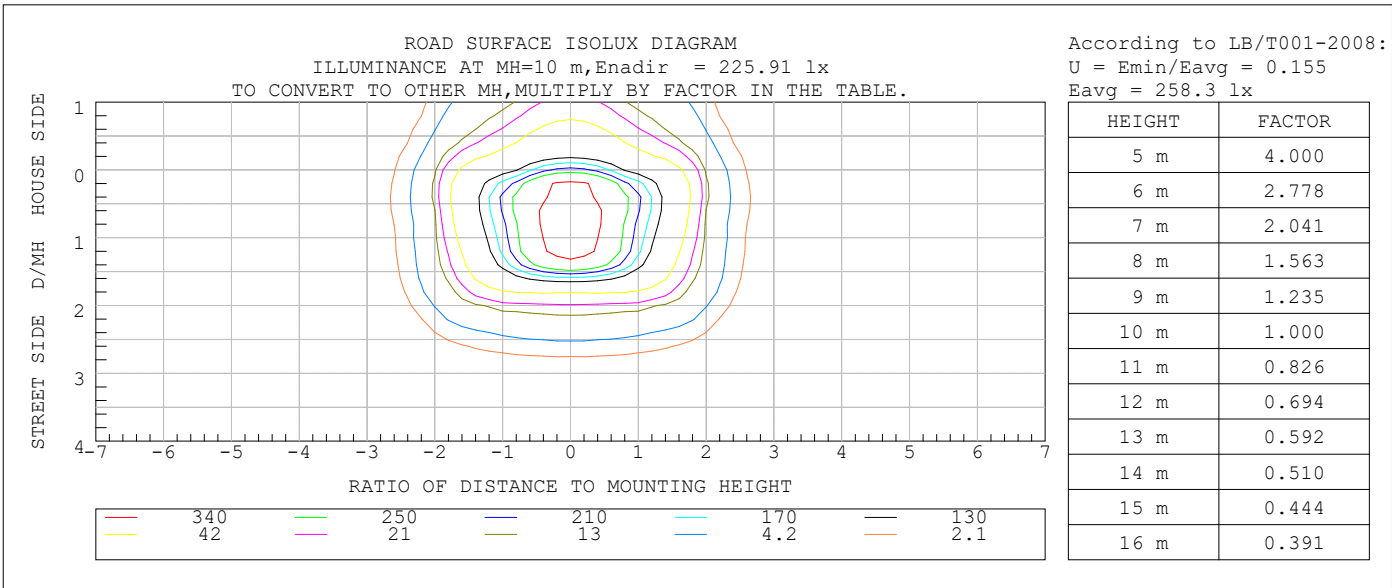
Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:12.32cd/klm
Max.At90:0cd/klm
Max.80-90:12.32cd/klm
NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	160163
90%	144146
80%	128130
70%	112114
60%	96098
50%	80081
40%	64065
30%	48049
20%	32033
10%	16016
5%	8008

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-28

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=0.4556]
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: 2023-04-28

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=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

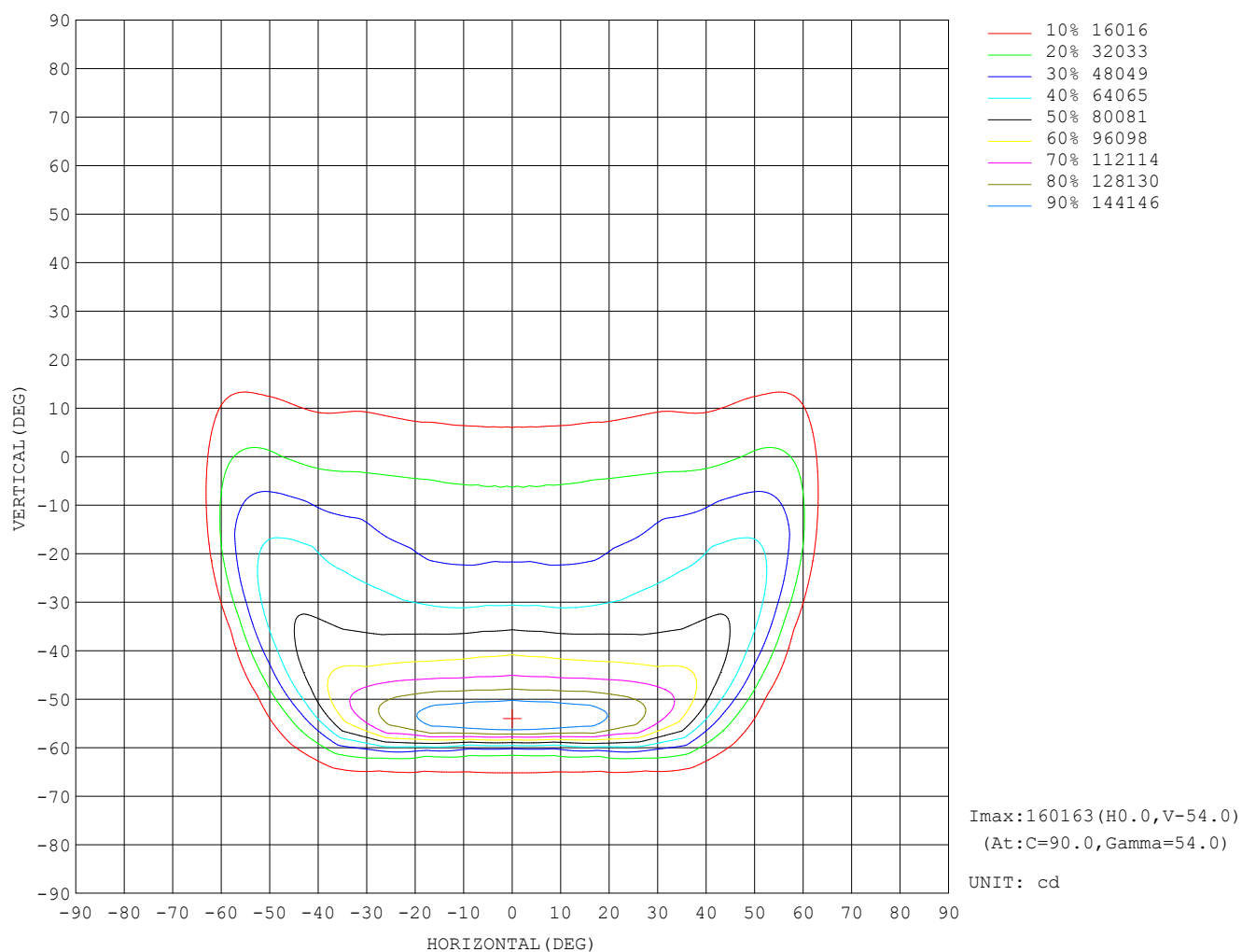
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	230.4	339.5	366.1	339.5	230.4	152.8	133.2	152.8	0- 10	2241	2241	1.52,1.52
20	244.7	419.8	461.3	419.8	244.7	118.1	104.8	118.1	10- 20	7261	9502	6.44,6.44
30	259.2	507.7	624.7	507.7	259.2	100.7	90.69	100.7	20- 30	13299	22801	15.5,15.5
40	270.4	698.9	933.4	698.9	270.4	84.26	76.16	84.26	30- 40	22114	44915	30.5,30.5
50	338.7	882.3	1427	882.3	338.7	62.95	69.53	62.95	40- 50	35043	79958	54.2,54.2
60	266.1	927.4	516.9	927.4	266.1	47.17	44.51	47.17	50- 60	47479	127437	86.4,86.4
70	38.84	135.0	51.49	135.0	38.84	26.71	29.90	26.71	60- 70	17485	144922	98.3,98.3
80	8.725	1.818	0.4830	1.818	8.725	5.708	12.22	5.708	70- 80	2326	147248	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	236.1	147484	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:X100cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2023-04-28

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=0.4556]
 Remarks:

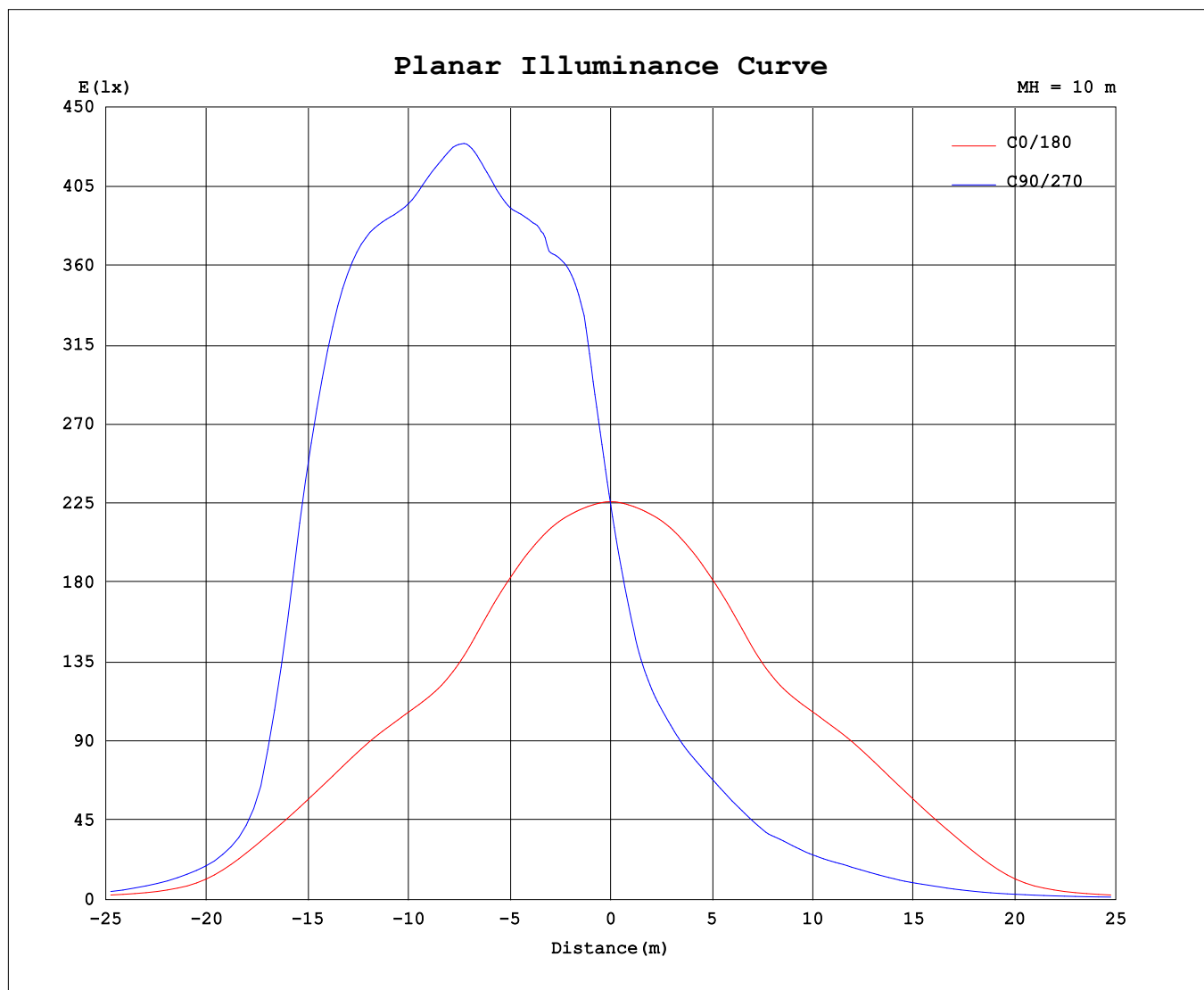
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-04-28

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=0.4556]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-04-28

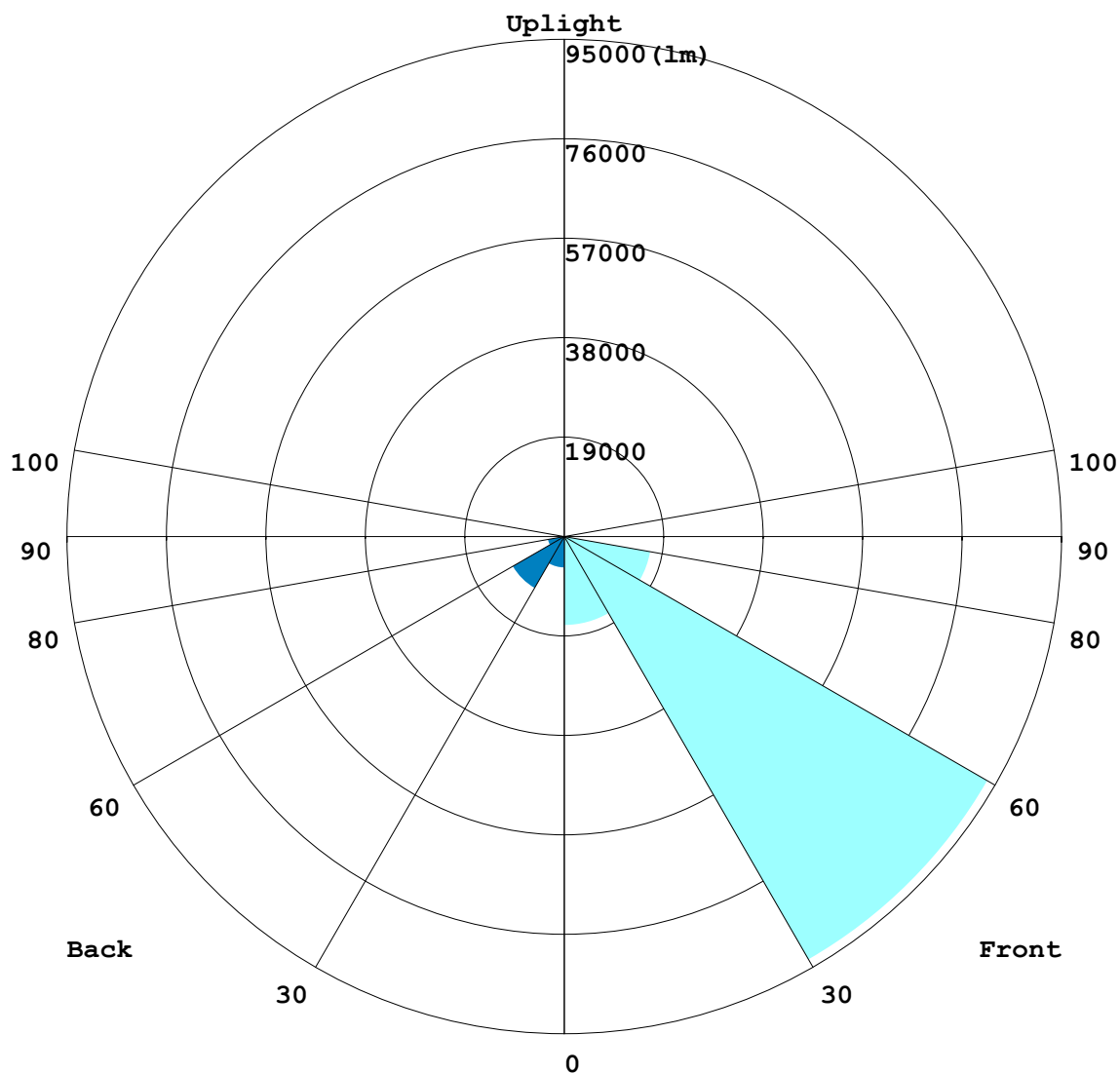
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:227.5V I:5.267A P:1193.9W PF:0.996 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:147484x1 lm		
NAME: SP04-1K2-5770-F04014-L39	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:2023-04-28

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=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:227.5V I:5.267A P:1193.9W PF:0.996 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:147484x1 lm		
NAME: SP04-1K2-5770-F04014-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	16897	11.5
FM - Front-Medium(30-60)	93294	63.3
FH - Front-High(60-80)	16655	11.3
FVH - Front-Very High(80-90)	68.149	0.0
Total Forward Light	1.2691e+005	86.1

BL - Back-Low(0-30)	5904.2	4.0
BM - Back-Medium(30-60)	11341	7.7
BH - Back-High(60-80)	3156.4	2.1
BVH - Back-Very High(80-90)	167.95	0.1
Total Back Light	20570	13.9

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-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	20570	0	20570
Street Side	1.2691e+005	0	1.2691e+005

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-28

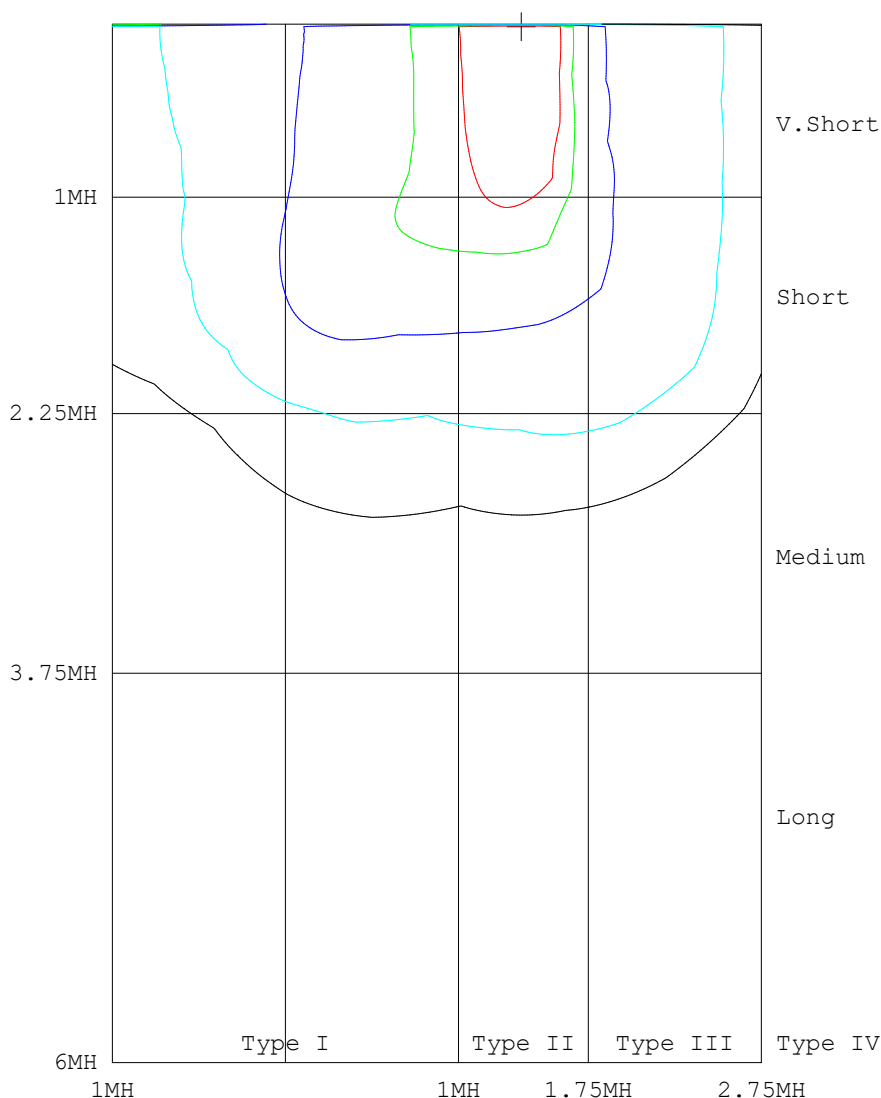
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test: U:227.5V I:5.267A P:1193.9W PF:0.996 Freq:50.01Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 147484x1 lm		
NAME: SP04-1K2-5770-F04014-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG	Pavement	C Range: 31099 - 90DEG	2.5% 3999.9
C Interval: 10.0DEG	70% 1.12e+005 Road	C Interval: 5.5DEG	5% 3999.9
Test Speed: HIGH		Test System:EVERFINE	GO-R5000_V2 SYSTEM V2.00.465
Temperature:25.3℃		Humidity:65.0%	
Operators:LYJ		Test Distance:26.000m [K=0.4556]	
Test Date:2023-04-28		Remarks:	