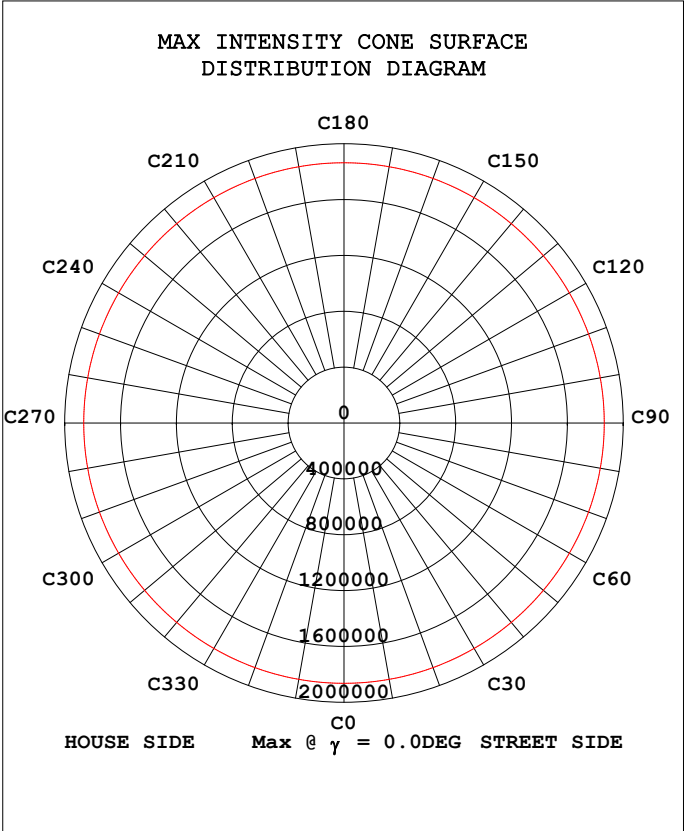
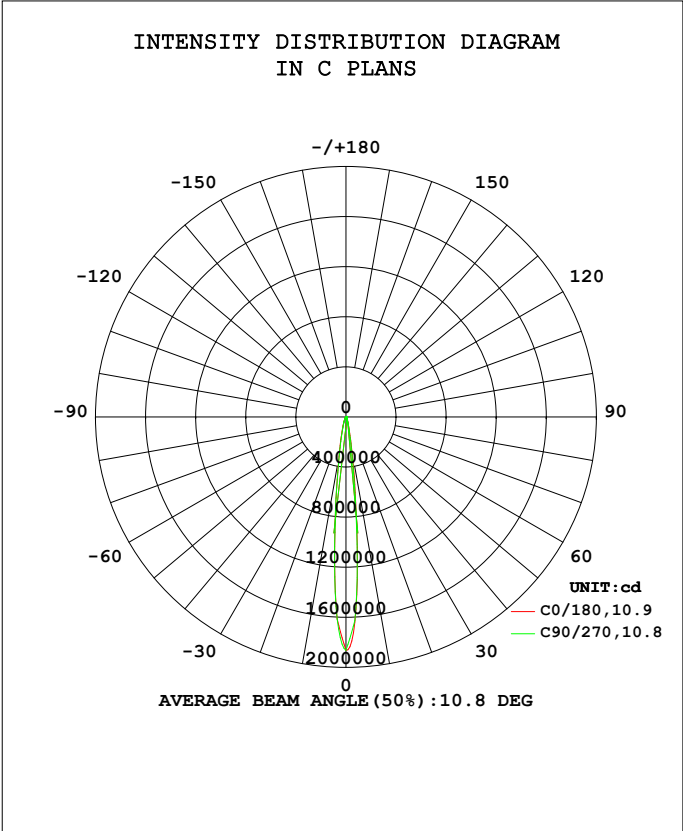


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:4.182A P:960.0W PF:0.998 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:134031x1 lm		
NAME: SP04-960-5770-F04011X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

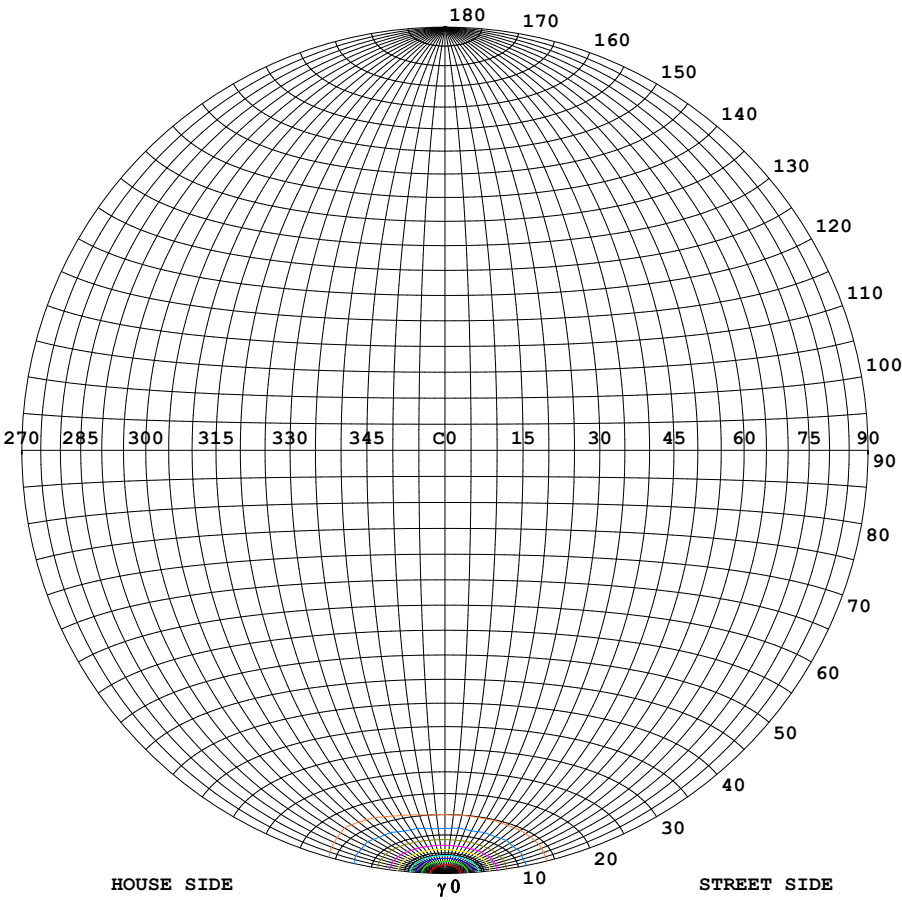
DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.62 lm/W			
MODEL	/	I _{max} (cd)	1863828	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	47.3
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	134031	η house_up (%)	0.0
NOMINAL FLUX (lm)	134031	MAXIMUM @ (C, γ)	350,0.0	η house_down (%)	52.7
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:ZZX
Test Date:2024-01-09

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=0.4621]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



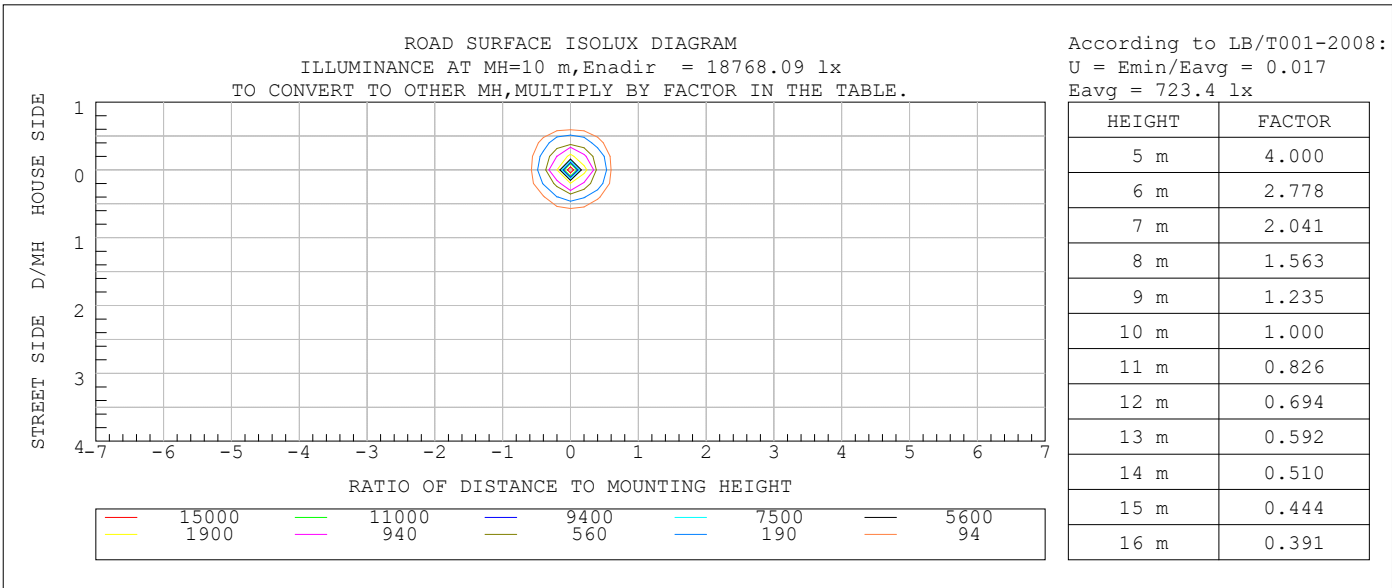
Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:3.306cd/klm
Max.At90:0.0285cd/klm
Max.80-90:3.306cd/klm
NRB 5101:Limited[0.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1863828
90%	1677445
80%	1491062
70%	1304679
60%	1118297
50%	931914
40%	745531
30%	559148
20%	372766
10%	186383
5%	93191

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:ZZX
Test Date:2024-01-09

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=0.4621]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: ZZX
Test Date: 2024-01-09

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=0.4621]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

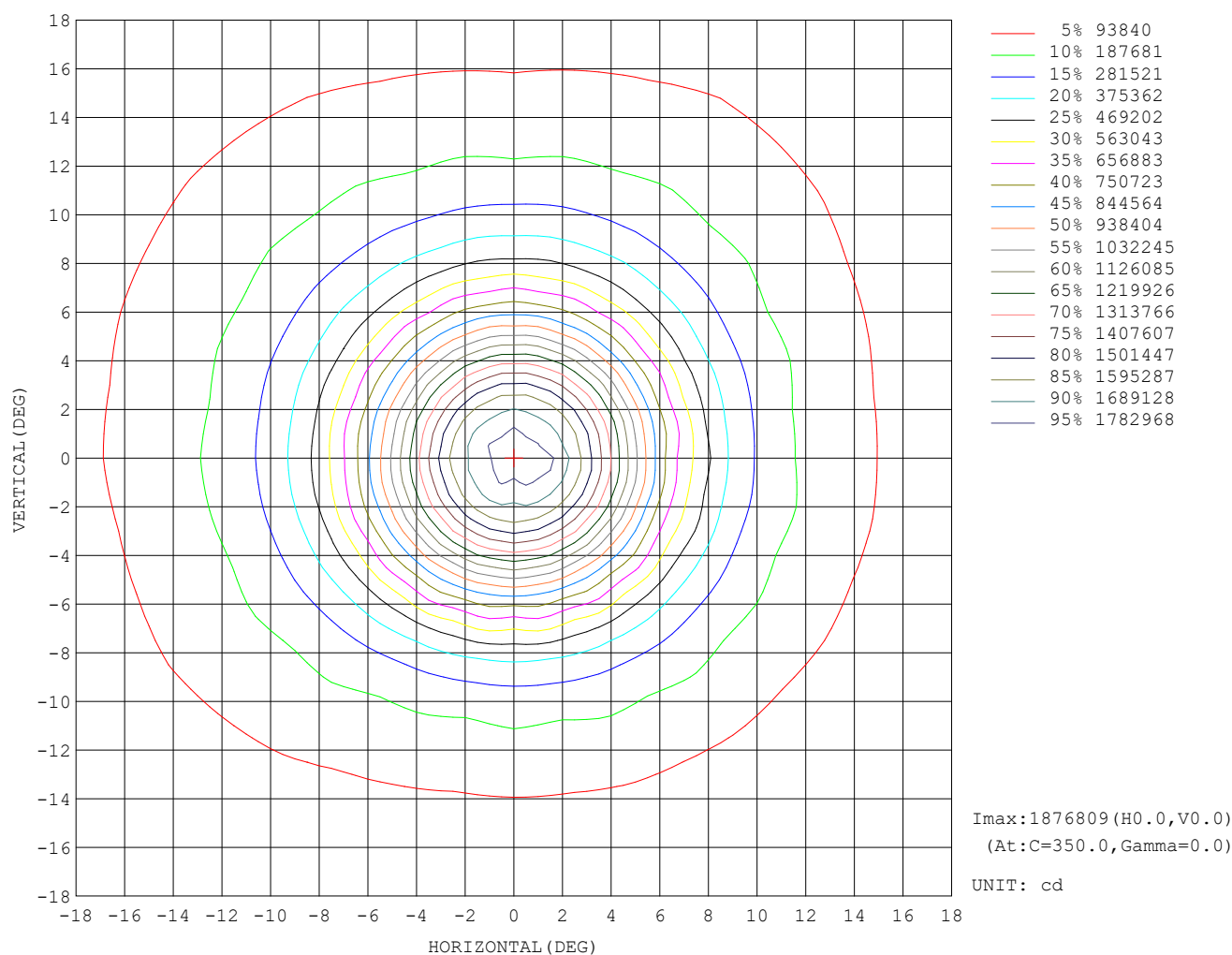
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	271.6	261.1	246.2	279.0	318.4	323.7	308.6	308.2	0- 10	73017	73017	54.5,54.5
20	45.39	42.00	39.40	53.06	61.13	65.72	52.03	62.49	10- 20	32783	105800	78.9,78.9
30	12.33	12.00	11.77	14.84	16.46	17.85	15.27	17.35	20- 30	13205	119005	88.8,88.8
40	5.287	5.282	5.548	5.924	6.048	6.293	6.141	6.198	30- 40	5526	124531	92.9,92.9
50	3.448	3.586	3.852	3.774	3.639	3.856	3.939	3.821	40- 50	3535	128066	95.5,95.5
60	2.432	2.591	2.680	2.674	2.505	2.689	2.684	2.702	50- 60	2773	130839	97.6,97.6
70	1.557	1.662	1.554	1.682	1.640	1.727	1.647	1.732	60- 70	2060	132899	99.2,99.2
80	0.4252	0.4103	0.3738	0.4155	0.4431	0.4232	0.3990	0.4366	70- 80	994.5	133893	99.9,99.9
90	0.0032	0.0034	0.0030	0.0026	0.0029	0.0028	0.0025	0.0031	80- 90	137.4	134031	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:X1000cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:ZZX
Test Date:2024-01-09

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=0.4621]
Remarks:

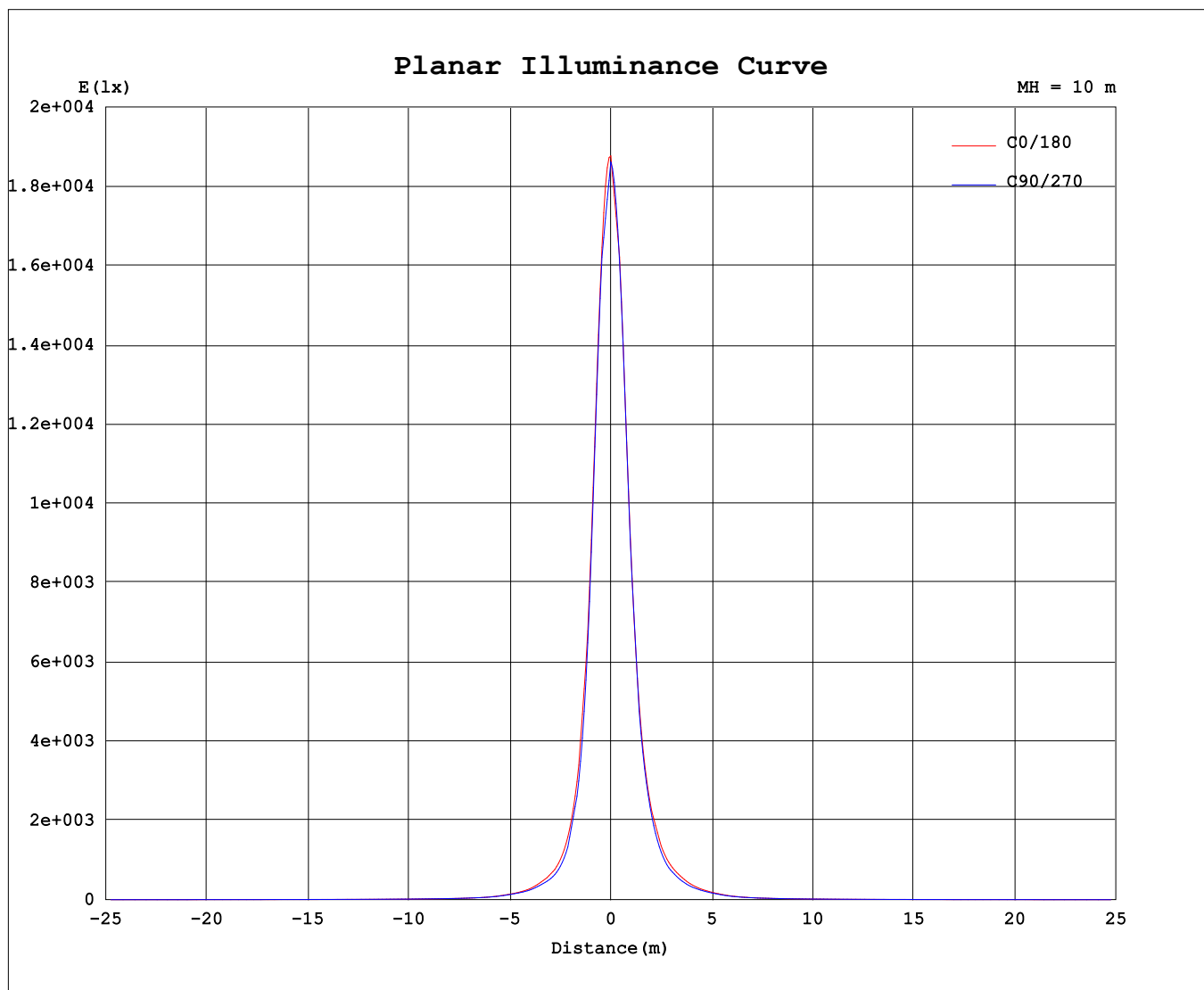
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:ZZX
Test Date:2024-01-09

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=0.4621]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: ZZX
Test Date: 2024-01-09

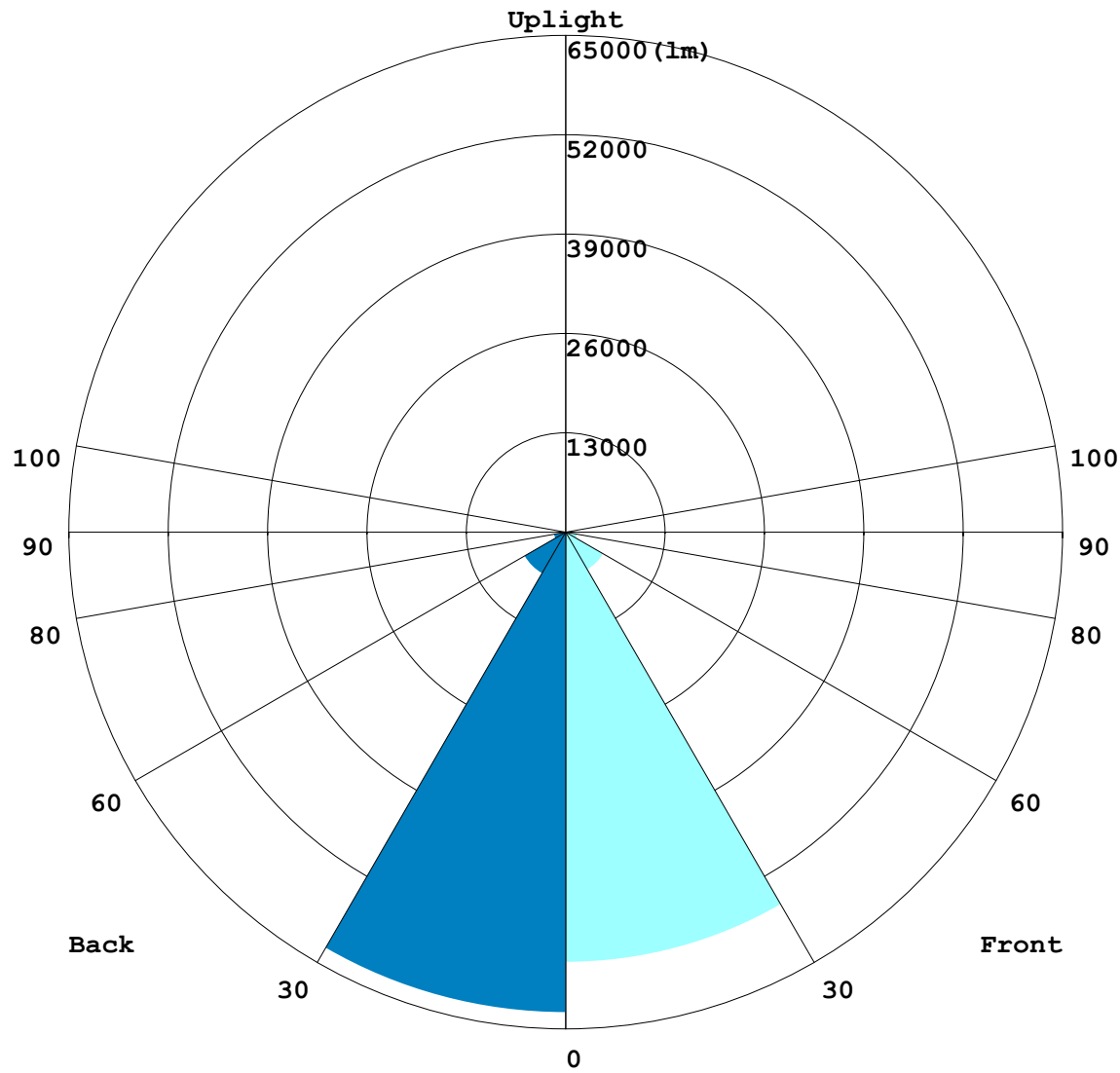
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4621]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:4.182A P:960.0W PF:0.998 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:134031x1 lm		
NAME: SP04-960-5770-F04011X	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℃
Operators:ZZX
Test Date:2024-01-09

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=0.4621]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:230.0V I:4.182A P:960.0W PF:0.998 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0Lamp Flux:134031x1 lm		
NAME: SP04-960-5770-F04011X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	56208	41.9
FM - Front-Medium(30-60)	5632.8	4.2
FH - Front-High(60-80)	1501.4	1.1
FVH - Front-Very High(80-90)	67.683	0.1
Total Forward Light	63409	47.3

BL - Back-Low(0-30)	62797	46.9
BM - Back-Medium(30-60)	6201.5	4.6
BH - Back-High(60-80)	1552.7	1.2
BVH - Back-Very High(80-90)	69.742	0.1
Total Back Light	70621	52.7

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-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	70621	0	70621
Street Side	63409	0	63409

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:ZZX
Test Date:2024-01-09

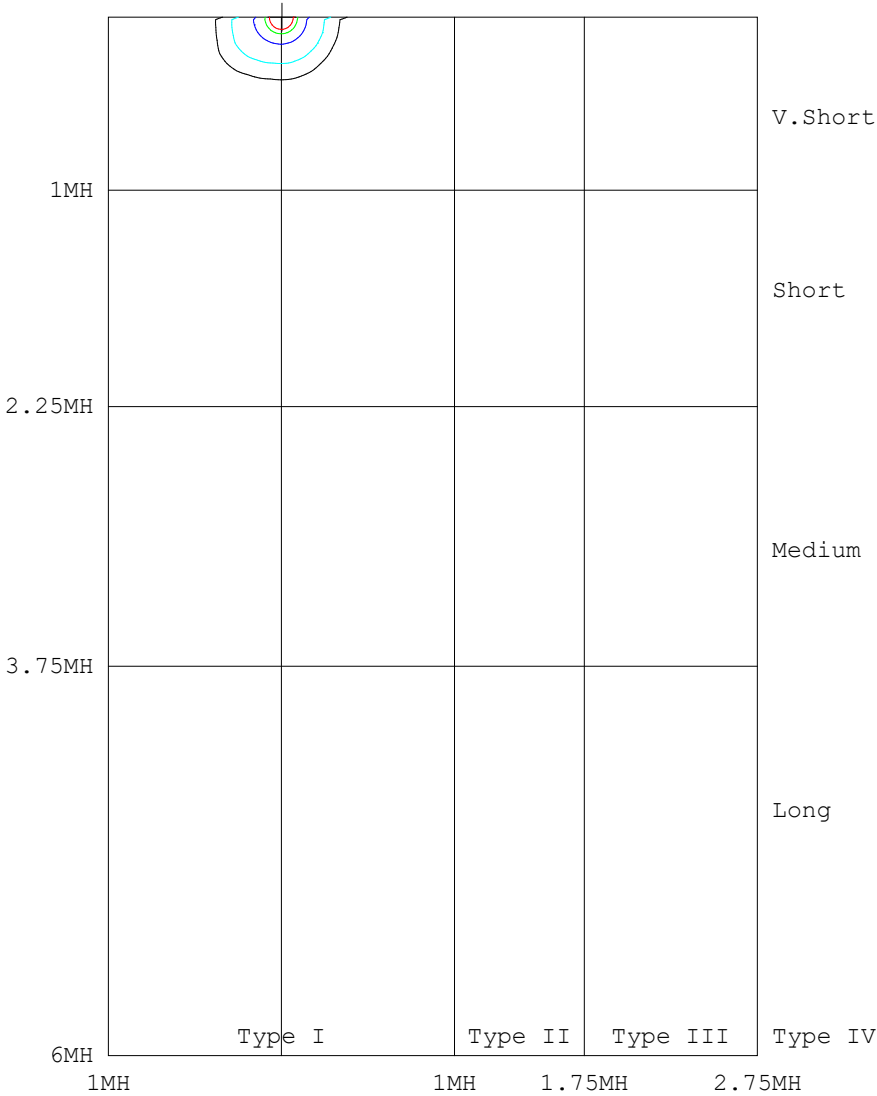
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4621]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:4.182A P:960.0W PF:0.998 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0Lamp Flux:134031x1 lm		
NAME: SP04-960-5770-F04011X	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:ZZX
Test Date:2024-01-09

Pavement

70% 1.3e+006 Road 71.40e+009 2.5% 46427

50% 9.2874e+005 5% 92854

γ Interval: 0.5DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465

Humidity:65.0%

Test Distance:26.000m [K=0.4621]

Remarks:

UNIT: X1000cd

```

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=0.4621]
Remarks:

```

UNIT: X1000cd

```

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=0.4621]
Remarks:

```