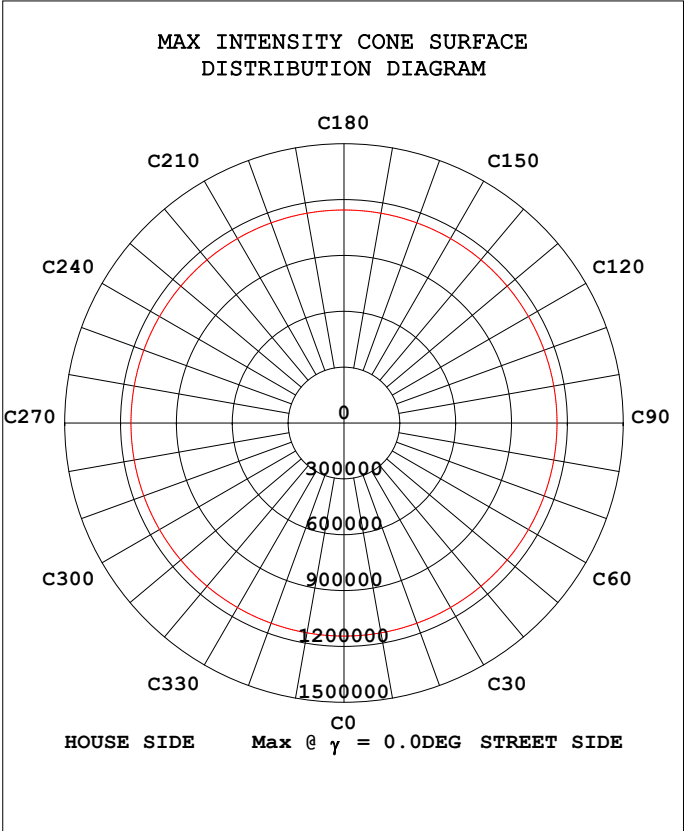
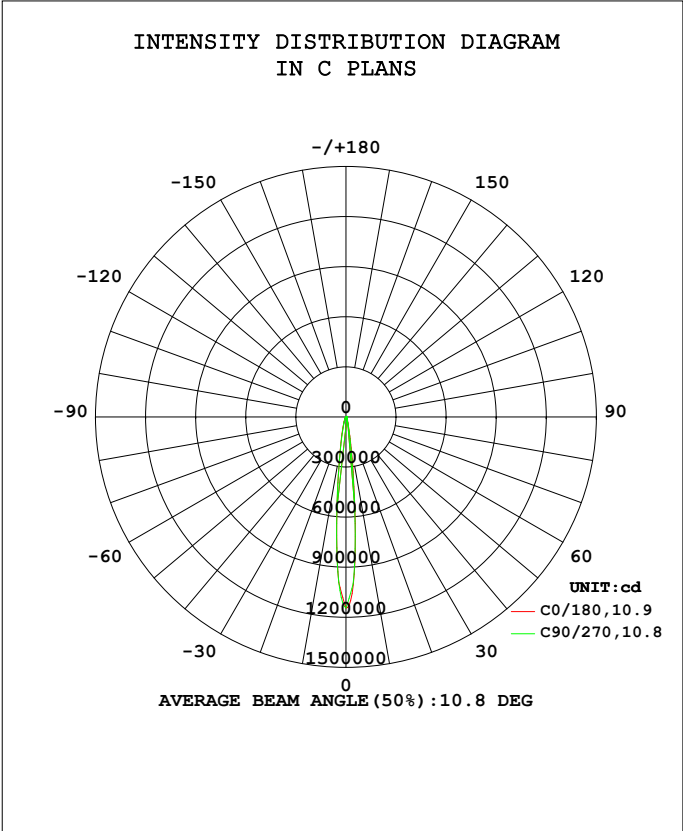


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:2.612A P:600.0W PF:0.999 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:82282x1 lm		
NAME: SP04-600-5770-F04011X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

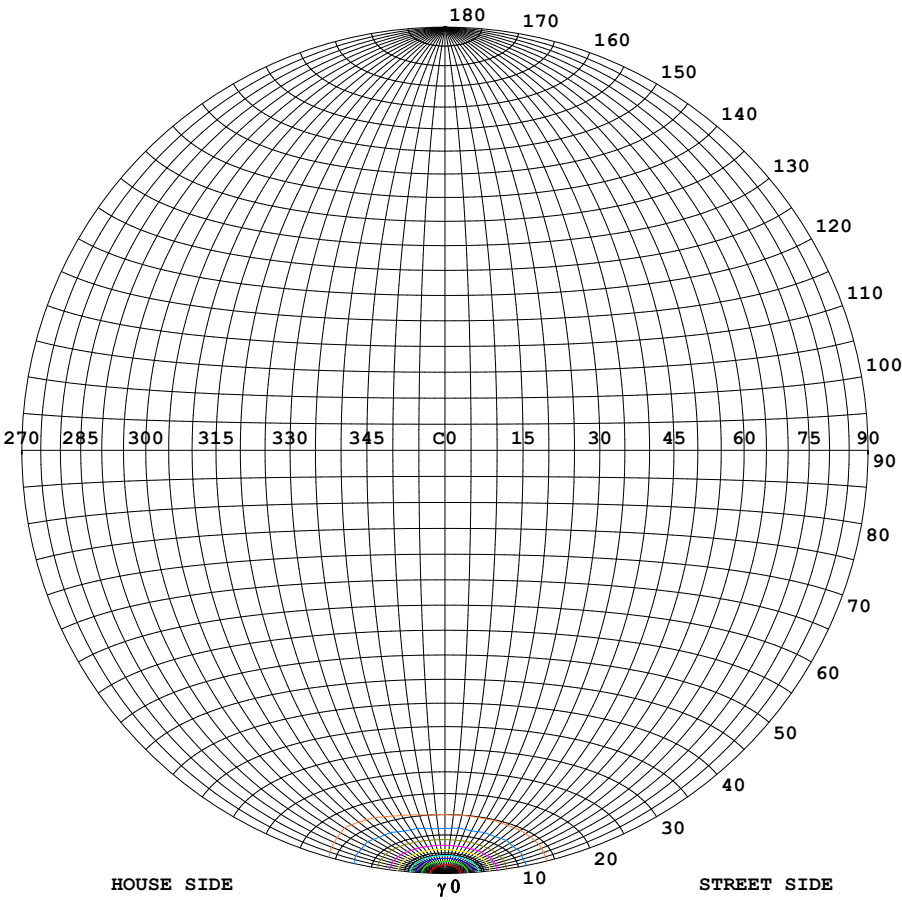
DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.14 lm/W			
MODEL	/	I _{max} (cd)	1144214	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	47.3
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	82282	η house_up (%)	0.0
NOMINAL FLUX (lm)	82282	MAXIMUM @ (C, γ)	140,0.0	η house_down (%)	52.7
LAMPS INSIDE	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



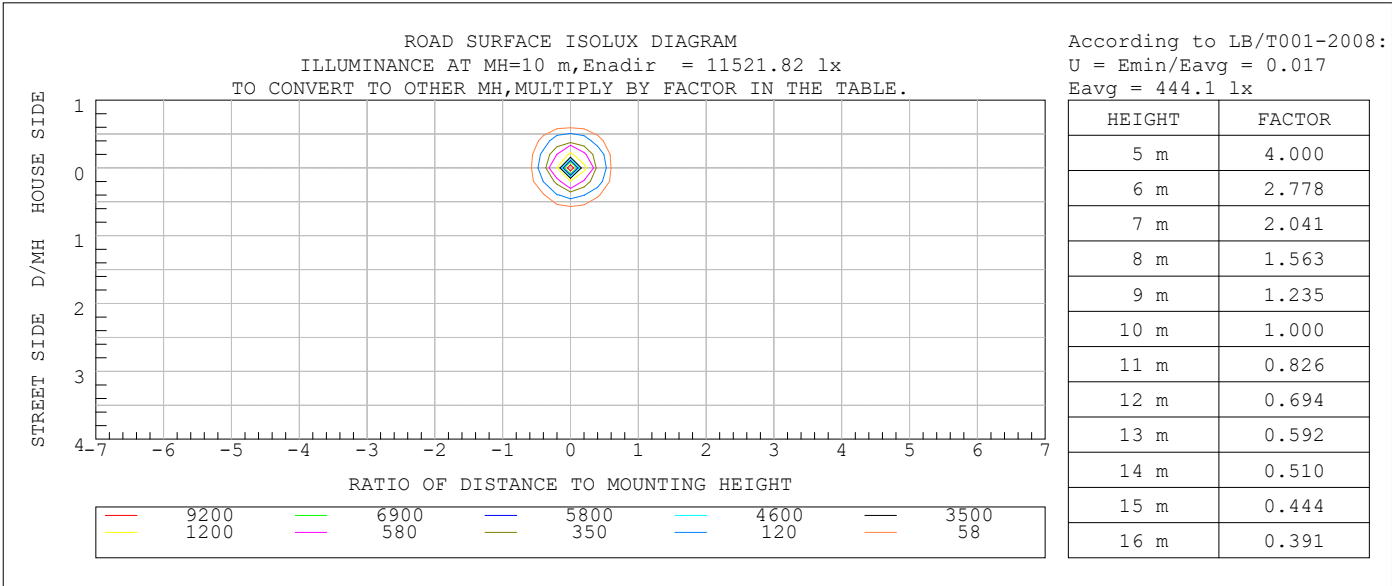
Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:3.306cd/klm
Max.At90:0.0285cd/klm
Max.80-90:3.306cd/klm
NRB 5101:Limited[0.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1144214
90%	1029792
80%	915371
70%	800949
60%	686528
50%	572107
40%	457685
30%	343264
20%	228843
10%	114421
5%	57211

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: ZZK
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

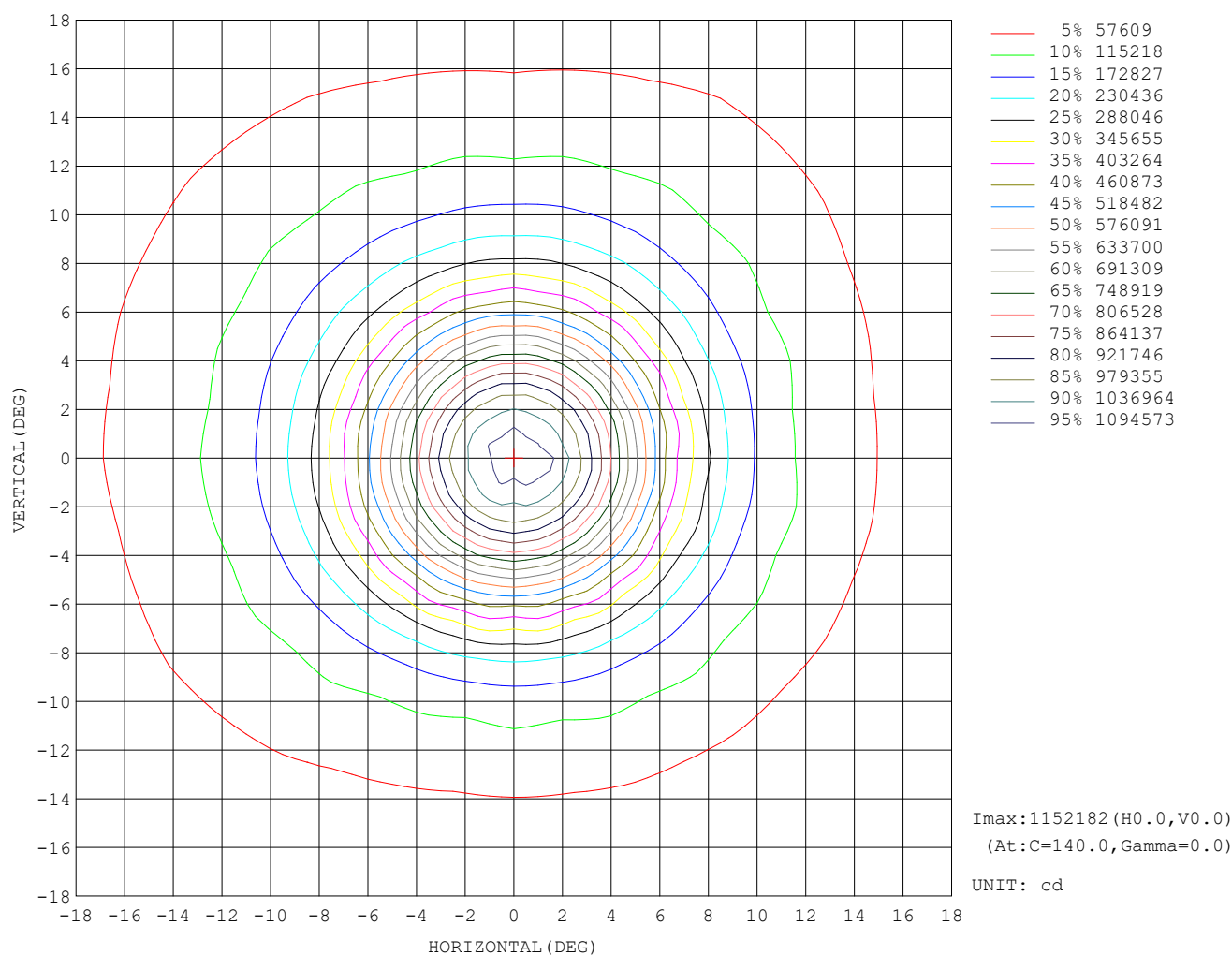
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	166.7	160.3	151.2	171.3	195.5	198.7	189.5	189.2	0- 10	44826	44826	54.5,54.5
20	27.87	25.78	24.19	32.57	37.53	40.34	31.94	38.36	10- 20	20125	64951	78.9,78.9
30	7.567	7.368	7.227	9.113	10.10	10.96	9.372	10.65	20- 30	8106	73058	88.8,88.8
40	3.245	3.243	3.406	3.637	3.713	3.863	3.770	3.805	30- 40	3392	76450	92.9,92.9
50	2.117	2.201	2.365	2.317	2.234	2.367	2.418	2.346	40- 50	2170	78620	95.5,95.5
60	1.493	1.591	1.646	1.642	1.538	1.651	1.648	1.659	50- 60	1702	80323	97.6,97.6
70	0.9558	1.021	0.9540	1.032	1.007	1.060	1.011	1.064	60- 70	1264	81587	99.2,99.2
80	0.2610	0.2519	0.2295	0.2551	0.2720	0.2598	0.2450	0.2680	70- 80	610.5	82198	99.9,99.9
90	0.0020	0.0021	0.0018	0.0016	0.0017	0.0017	0.0015	0.0019	80- 90	84.37	82282	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:

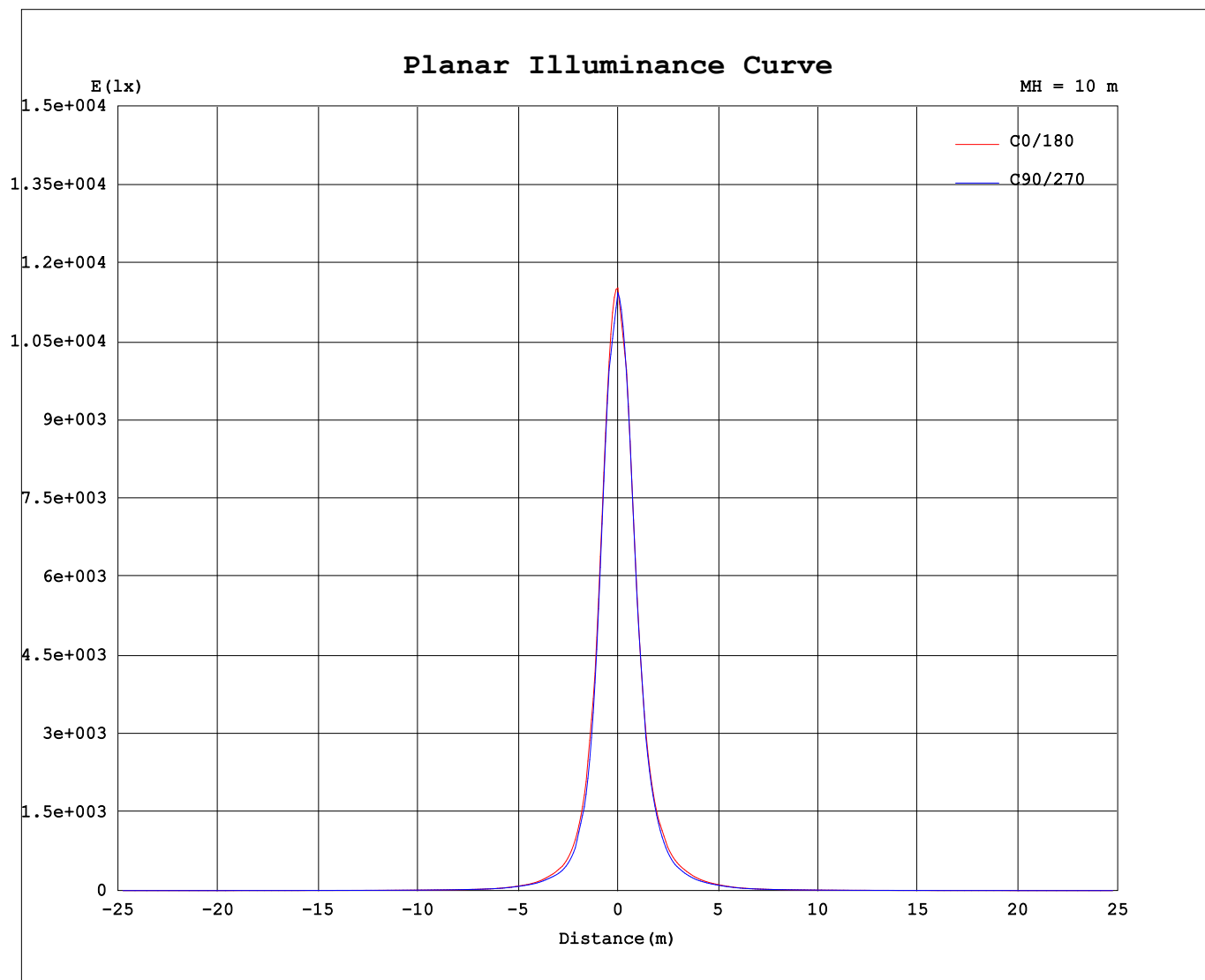
ISOCANDELA DIAGRAM



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

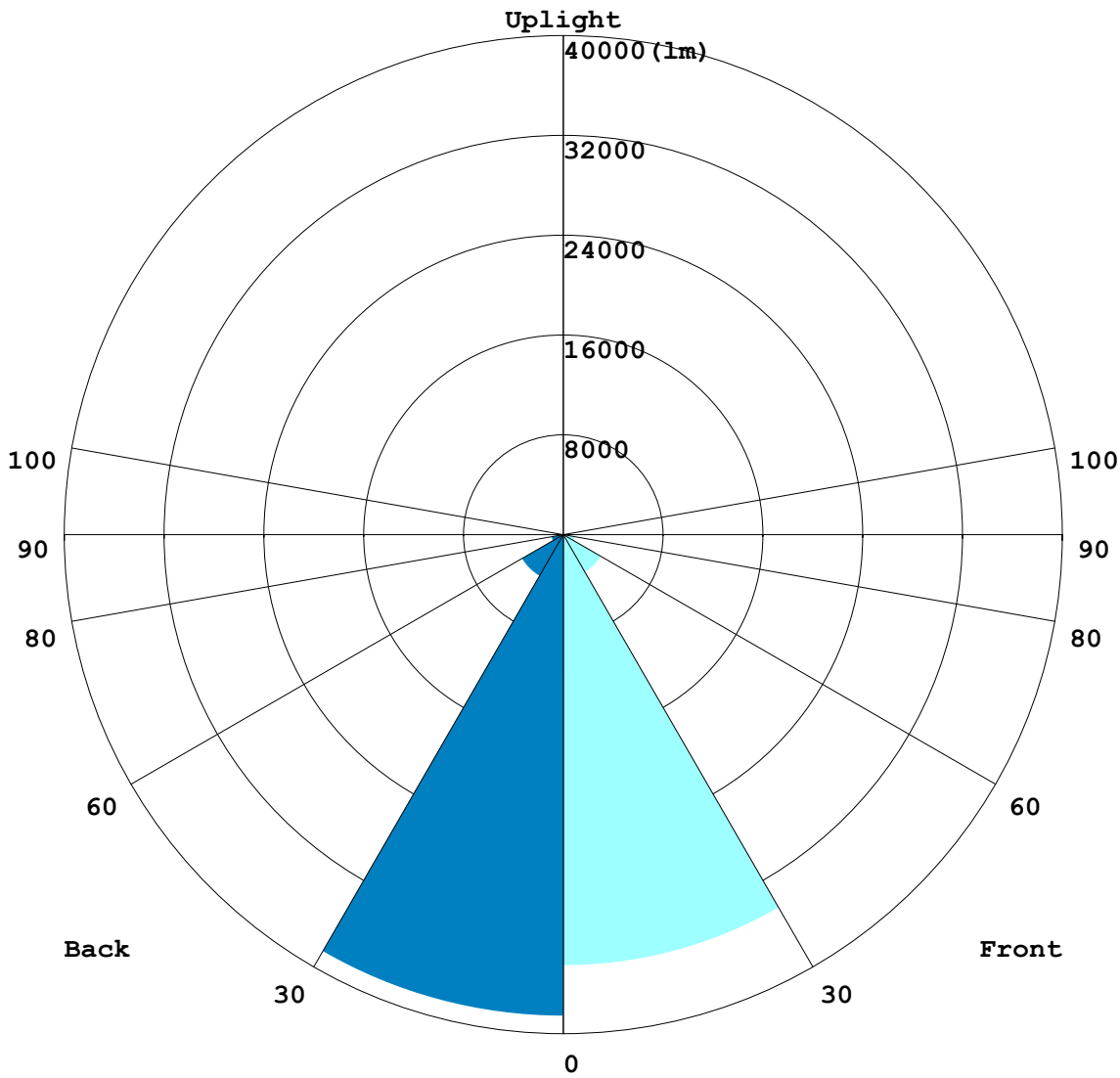
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4621]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:2.612A P:600.0W PF:0.999 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:82282x1 lm		
NAME: SP04-600-5770-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:2.612A P:600.0W PF:0.999 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:82282x1 lm		
NAME: SP04-600-5770-F04011X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	34506	41.9
FM - Front-Medium(30-60)	3458	4.2
FH - Front-High(60-80)	921.71	1.1
FVH - Front-Very High(80-90)	41.551	0.1
Total Forward Light	38927	47.3

BL - Back-Low(0-30)	38552	46.9
BM - Back-Medium(30-60)	3807.1	4.6
BH - Back-High(60-80)	953.18	1.2
BVH - Back-Very High(80-90)	42.815	0.1
Total Back Light	43355	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	43355	0	43355
Street Side	38927	0	38927

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:

C Range: 0 - 360DEG	— Pavement	C Range: 2800e+0090DEG	— Road
C Interval: 10.0DEG	70% 7.9805e+005	2.5% 28502	50% 5.7033e+005
Test Speed: HIGH		γ Interval: 0.5DEG	
Temperature: 25.3℃		Test System: EVERFINE GO-R5000_V2	SYSTEM V2.00.465
Operators: ZZX		Humidity: 65.0%	
Test Date: 2024-01-09		Test Distance: 26.000m [K=0.4621]	
		Remarks:	

Pavement: 70% 7.9805e+005
 Road: 50% 5.7073e+005
 Range: 2800e+009 DEC 2.5% 28502
 Interval: 0.5 DEG
 Test System: EVERFINE GO-R5000_V2
 Humidity: 65.0%
 Test Distance: 26.000m [K=0.4621]
 Remarks:

UNIT: X1000cd

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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:

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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:

```