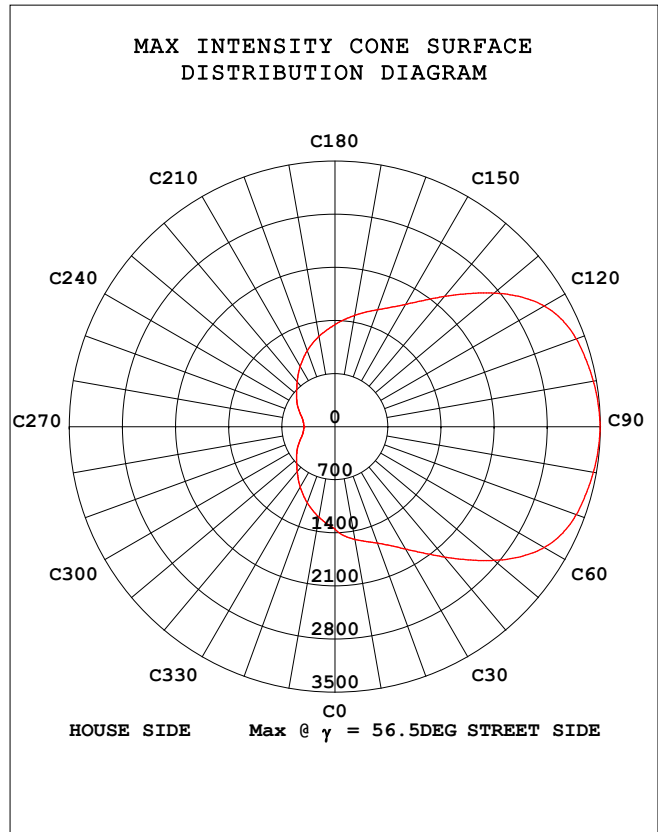
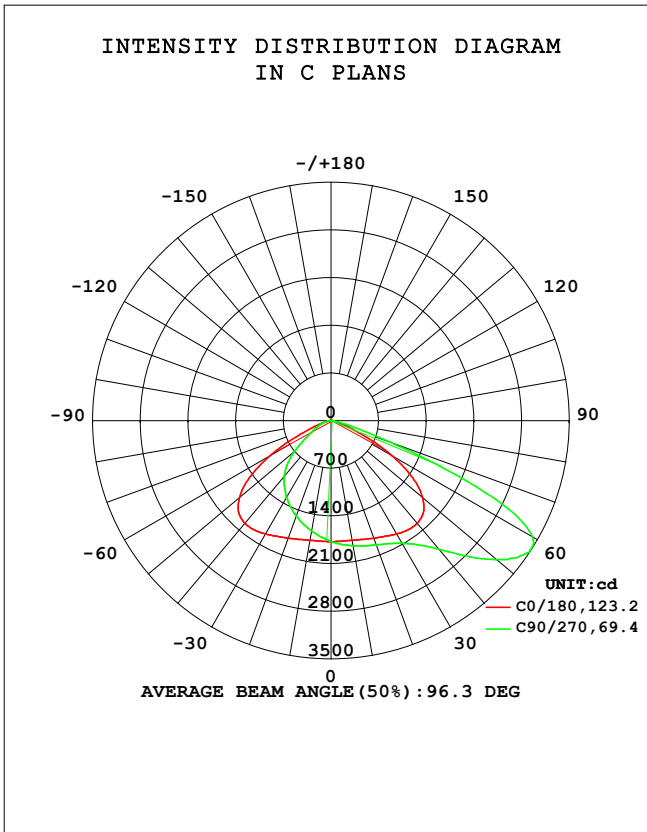


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.89V I:0.2302A P:50.366W PF:0.9516 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:6788.2x1 lm		
NAME: M50	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

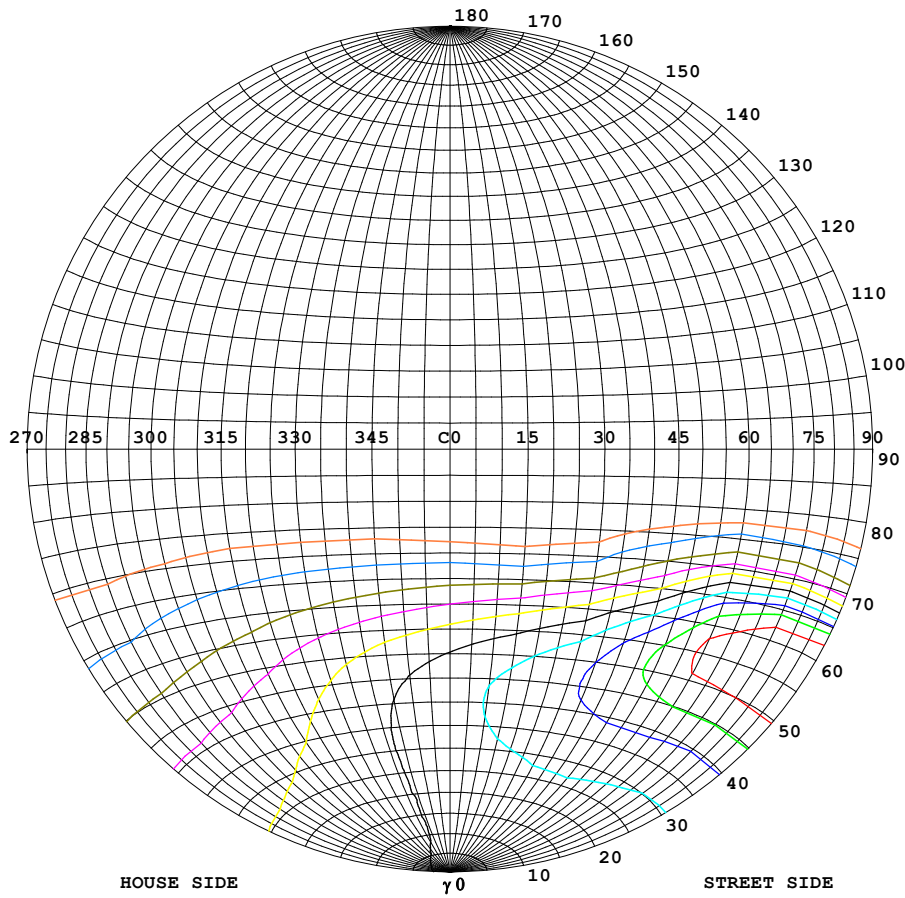
DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.78 lm/W			
MODEL	/	I _{max} (cd)	3494	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	66.6
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	6788	η house_up (%)	0.0
NOMINAL FLUX (lm)	6788.2	MAXIMUM @ (C, γ)	90,56.5	η house_down (%)	33.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYJ
 Test Date: 2022-06-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 26.000m [K=0.4589]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

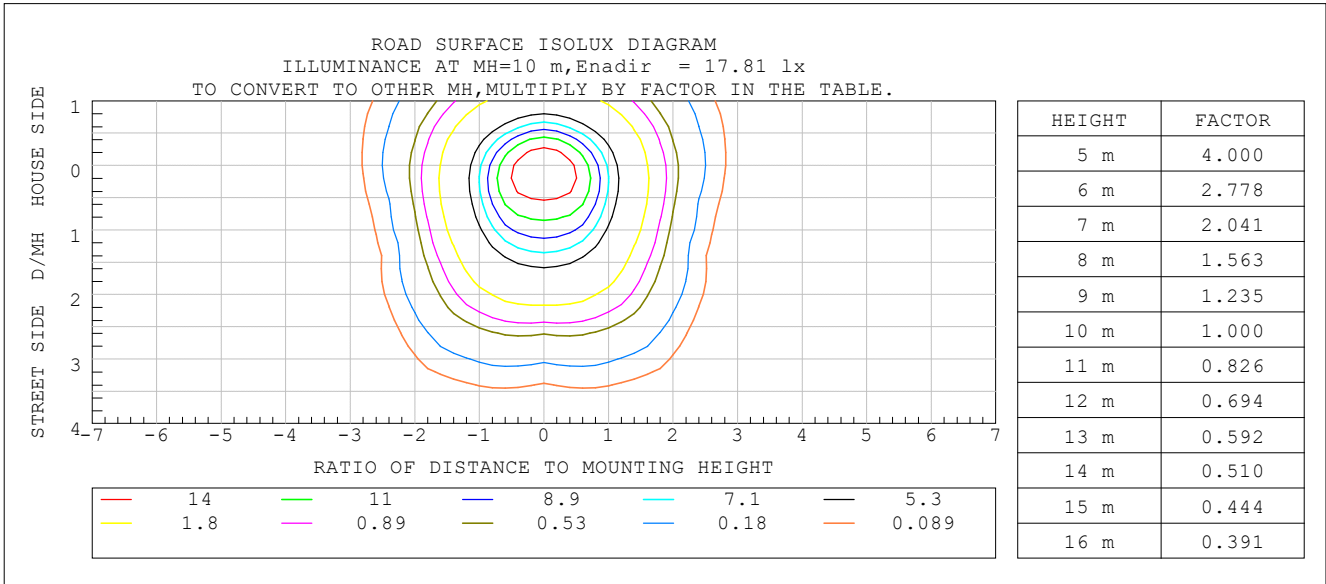
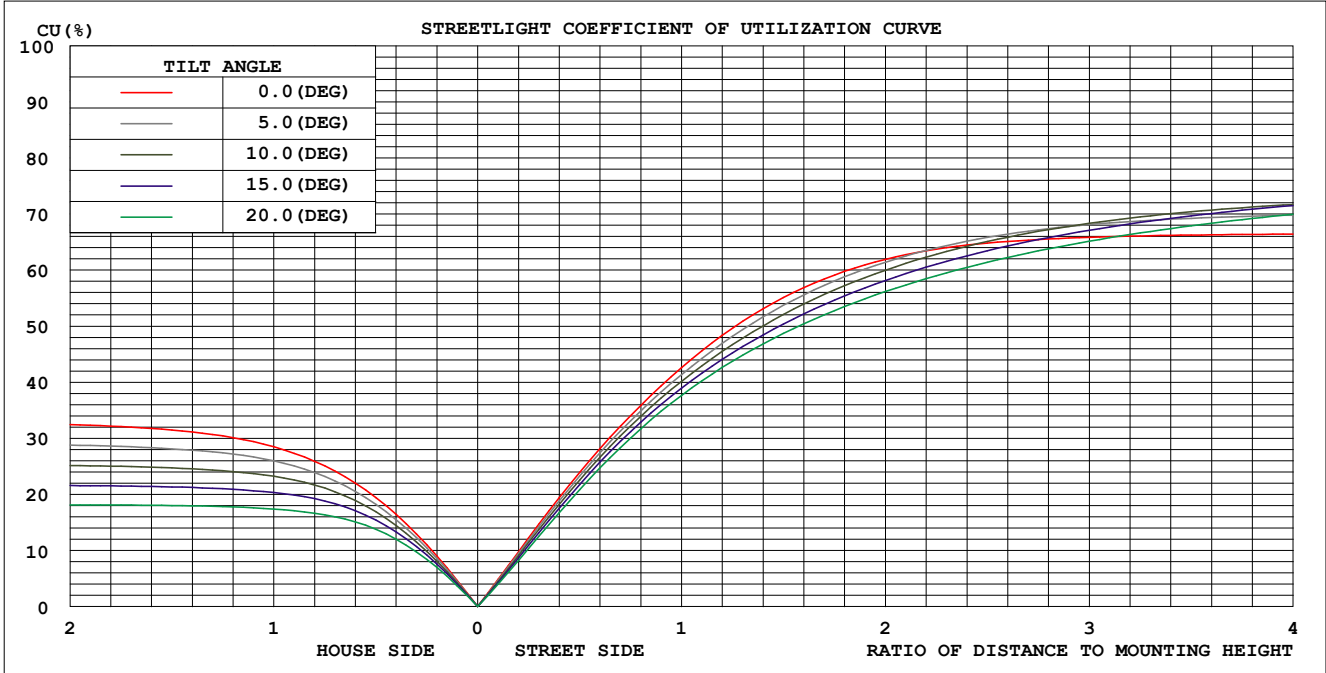
IES:Type III - Very Short
 CIE:Broad - Short
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:10.53cd/klm
 Max.At90:0cd/klm
 Max.80-90:10.53cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3494
90%	3144
80%	2795
70%	2445
60%	2096
50%	1747
40%	1397
30%	1048
20%	699
10%	349
5%	175

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2022-06-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYJ
Test Date: 2022-06-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

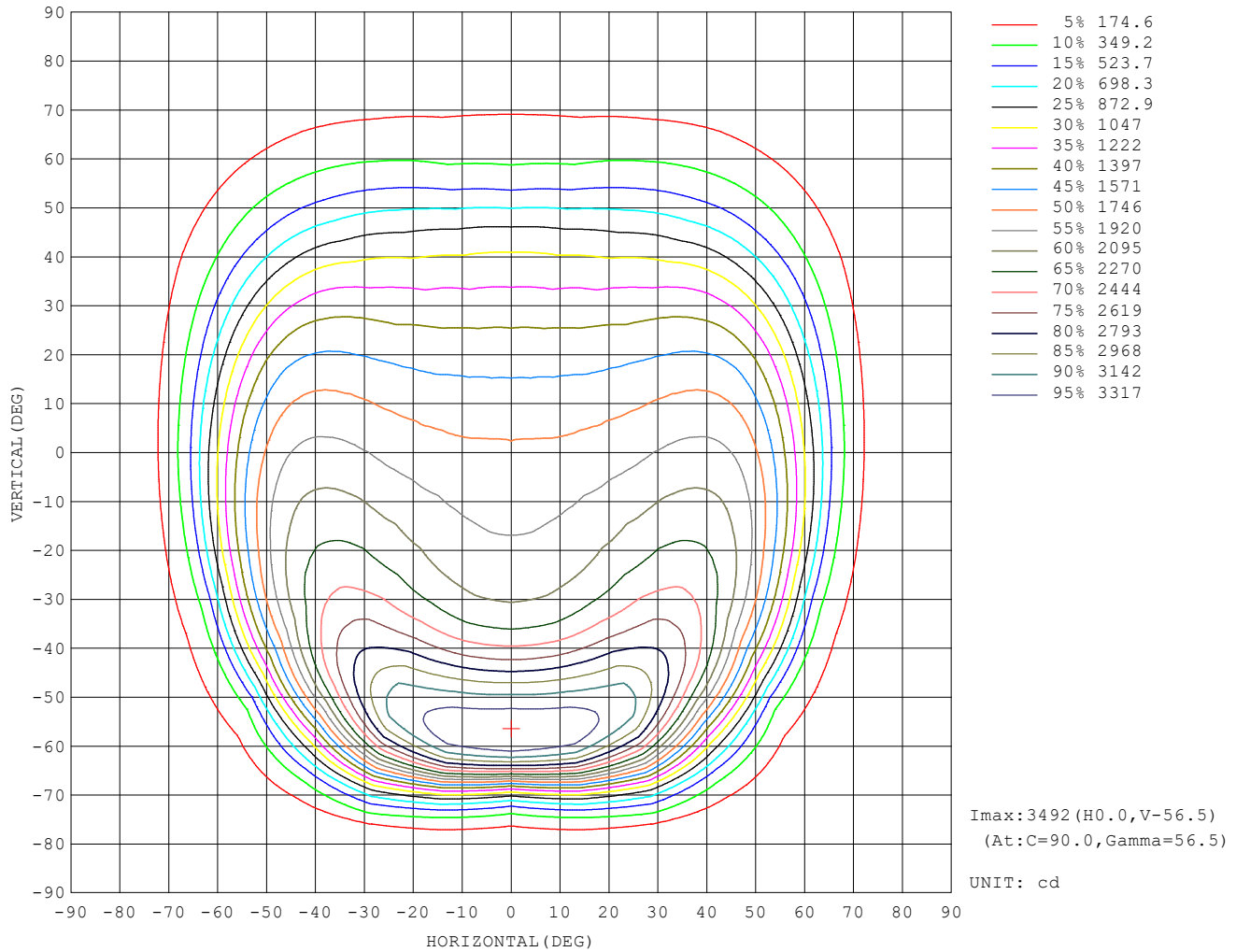
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1786	1856	1867	1856	1786	1690	1649	1690	0- 10	169.3	169.3	2.49,2.49
20	1838	1973	1946	1973	1838	1595	1497	1595	10- 20	503.3	672.6	9.91,9.91
30	1922	2175	2079	2175	1922	1472	1308	1472	20- 30	831.3	1504	22.2,22.2
40	1971	2485	2468	2485	1971	1297	1072	1297	30- 40	1160	2664	39.2,39.2
50	1757	2740	3176	2740	1757	1002	691.2	1002	40- 50	1463	4127	60.8,60.8
60	1040	2111	3414	2111	1040	555.3	319.8	555.3	50- 60	1506	5633	83,83
70	257.5	702.0	919.2	702.0	257.5	229.7	162.1	229.7	60- 70	934.9	6568	96.8,96.8
80	30.96	49.81	50.75	49.81	30.96	37.31	48.11	37.31	70- 80	208.5	6777	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	11.57	6788	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:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2022-06-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

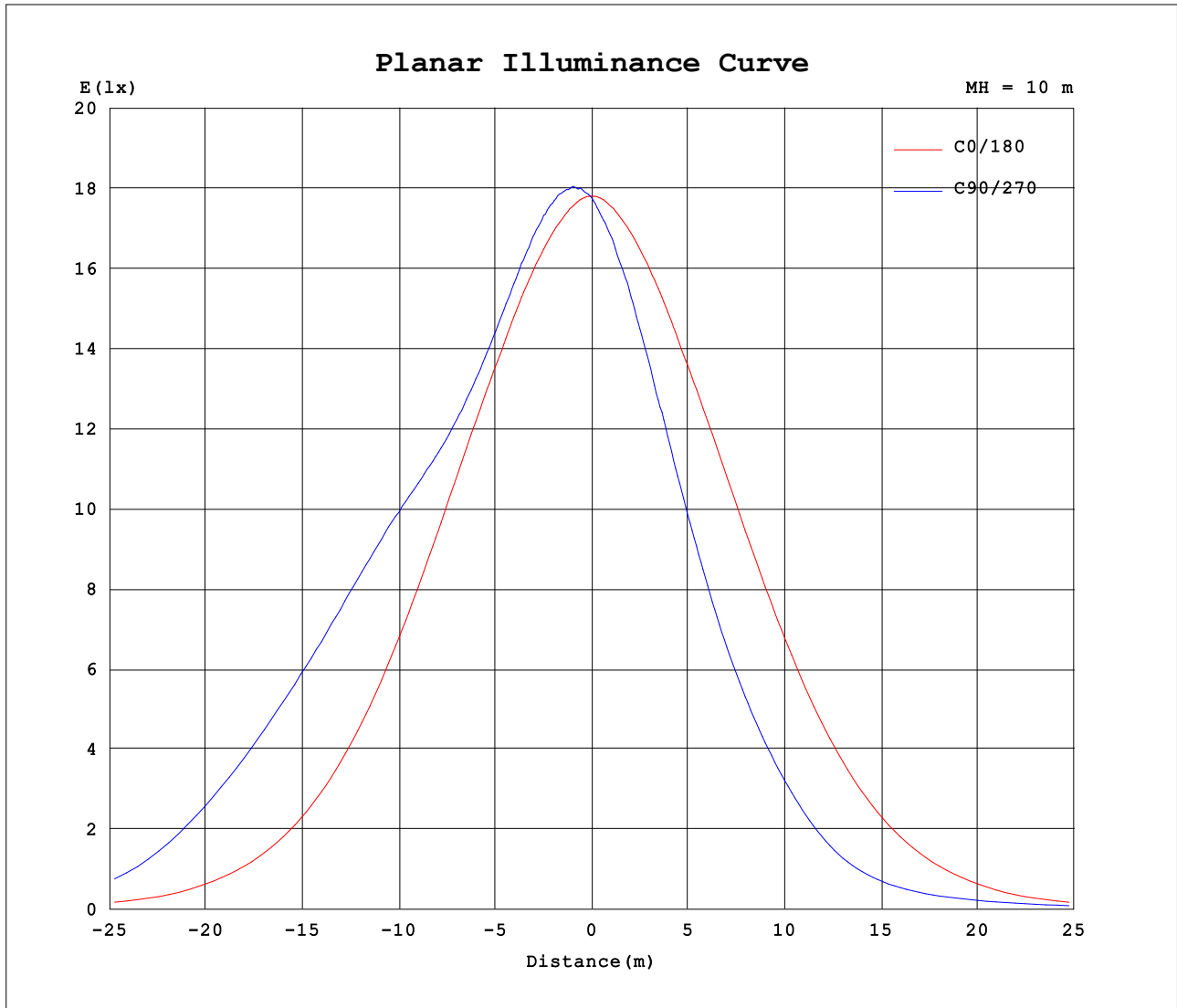
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYJ
Test Date: 2022-06-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYJ
Test Date: 2022-06-14

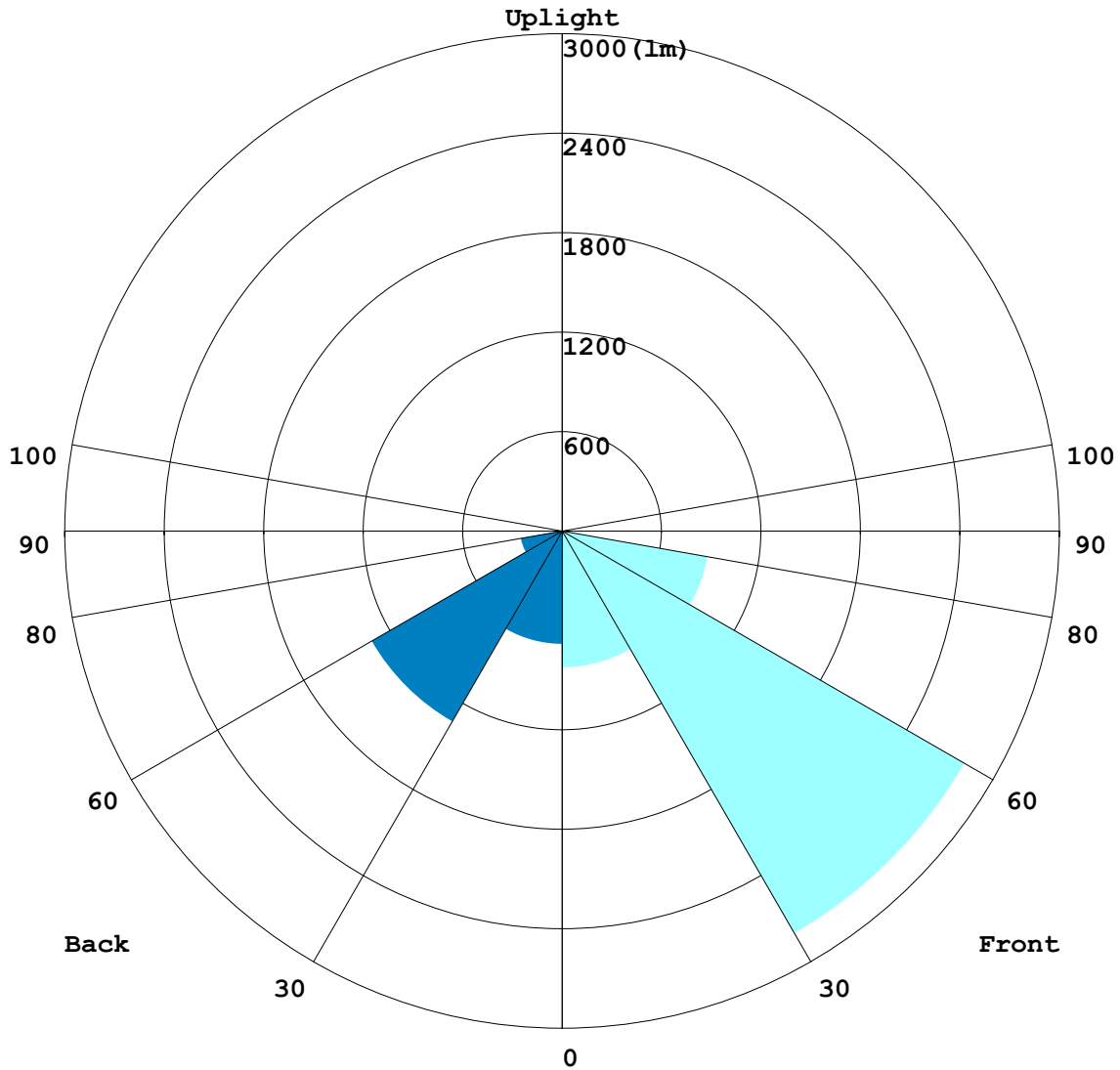
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.89V I:0.2302A P:50.366W PF:0.9516 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:6788.2x1 lm		
NAME: FL23-050-5070-F06401	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2022-06-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:229.89V I:0.2302A P:50.366W PF:0.9516 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:6788.2x1 lm		
NAME: FL23-050-5070-F06401	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	822.42	12.1
FM - Front-Medium(30-60)	2802.4	41.3
FH - Front-High(60-80)	891.39	13.1
FVH - Front-Very High(80-90)	5.4273	0.1
Total Forward Light	4521.6	66.6

BL - Back-Low(0-30)	681.47	10.0
BM - Back-Medium(30-60)	1326.9	19.5
BH - Back-High(60-80)	252.04	3.7
BVH - Back-Very High(80-90)	6.1437	0.1
Total Back Light	2266.6	33.4

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	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2266.6	0	2266.6
Street Side	4521.6	0	4521.6

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2022-06-14

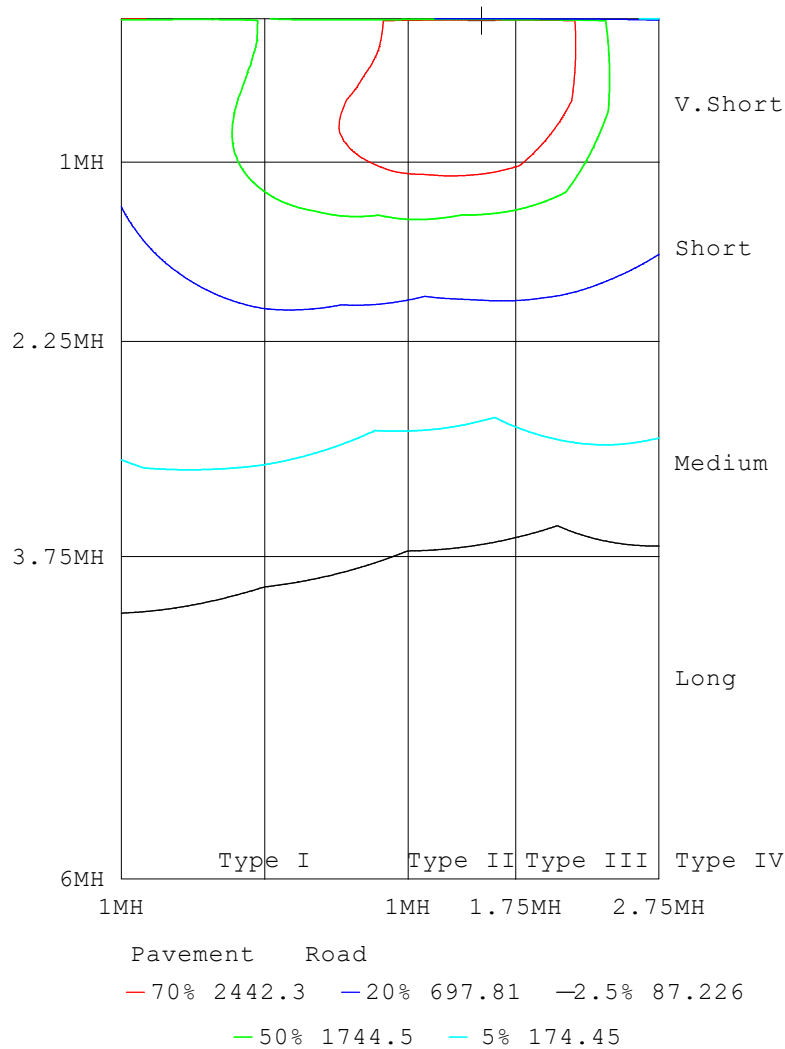
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:229.89V I:0.2302A P:50.366W PF:0.9516 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00%		
Lamp Flux:6788.2x1 lm		
NAME: FL23-050-5070-F06401	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2022-06-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks: