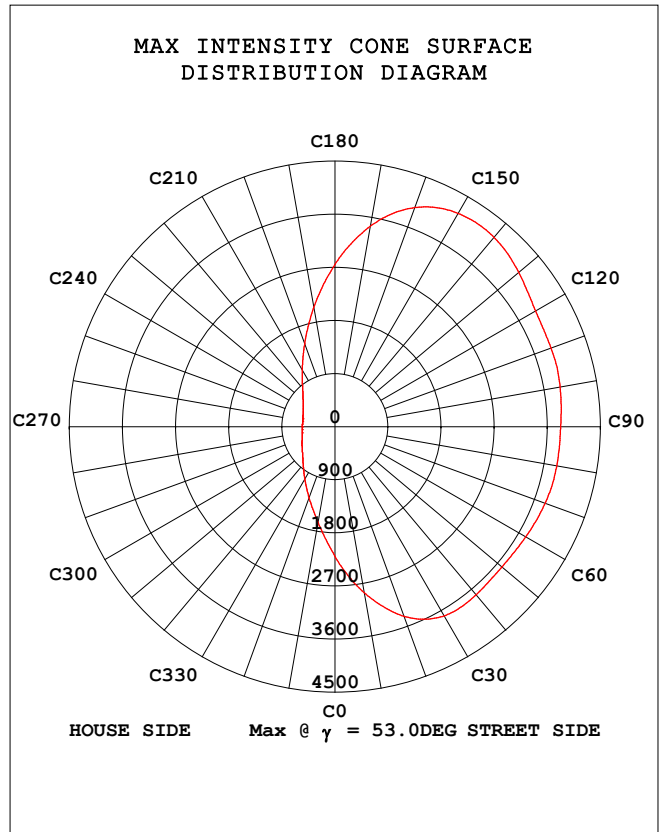
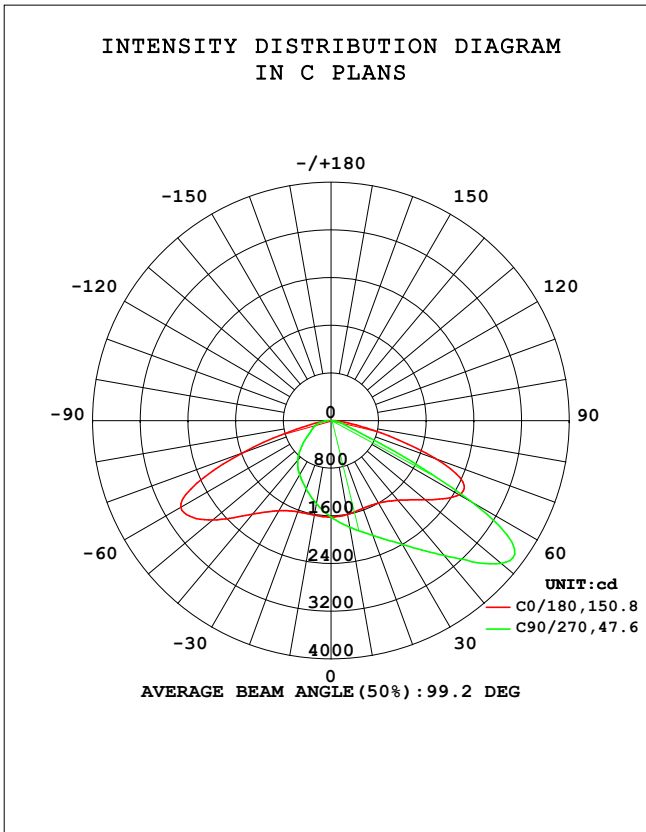


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.3189A P:70.37W PF:0.9591 Lamp Flux:8160.88x1 lm		
NAME: UWP05-070-3070-R08401	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.265*0.085	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.97 lm/W			
MODEL		Imax (cd)	4176	η street_up (%)	0.0
NOMINAL POWER (W)	70	LOR (%)	100.0	η street_down (%)	69.3
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	8161	η house_up (%)	0.0
NOMINAL FLUX (lm)	8160.88	MAXIMUM @ (C, γ)	150,53.0	η house_down (%)	30.7
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	



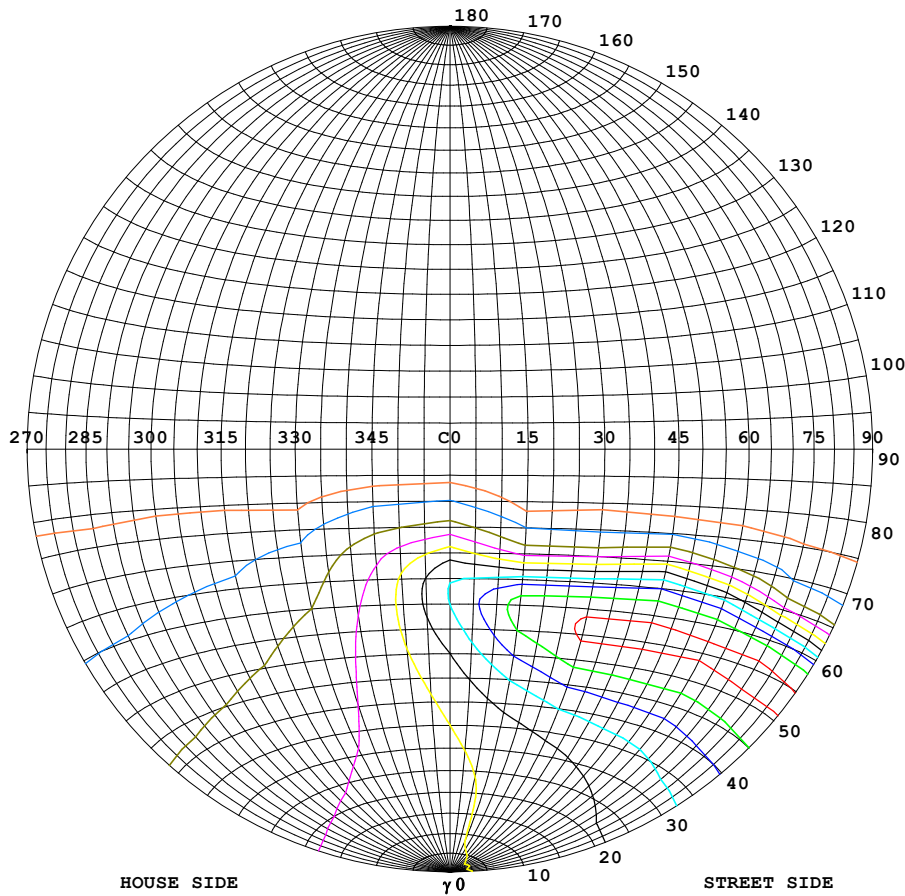
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WJH
 Test Date: 2020-01-10

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.432m [K=1.0000]
 Remarks:

Checker: LI
 Note: SLI: Specific Luminaire Index

Assessor:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

IES:Type III - Short
 CIE:Broad - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:52.18cd/klm
 Max.At90:5.906cd/klm
 Max.80-90:52.18cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4176
90%	3758
80%	3340
70%	2923
60%	2505
50%	2088
40%	1670
30%	1253
20%	835
10%	418
5%	209

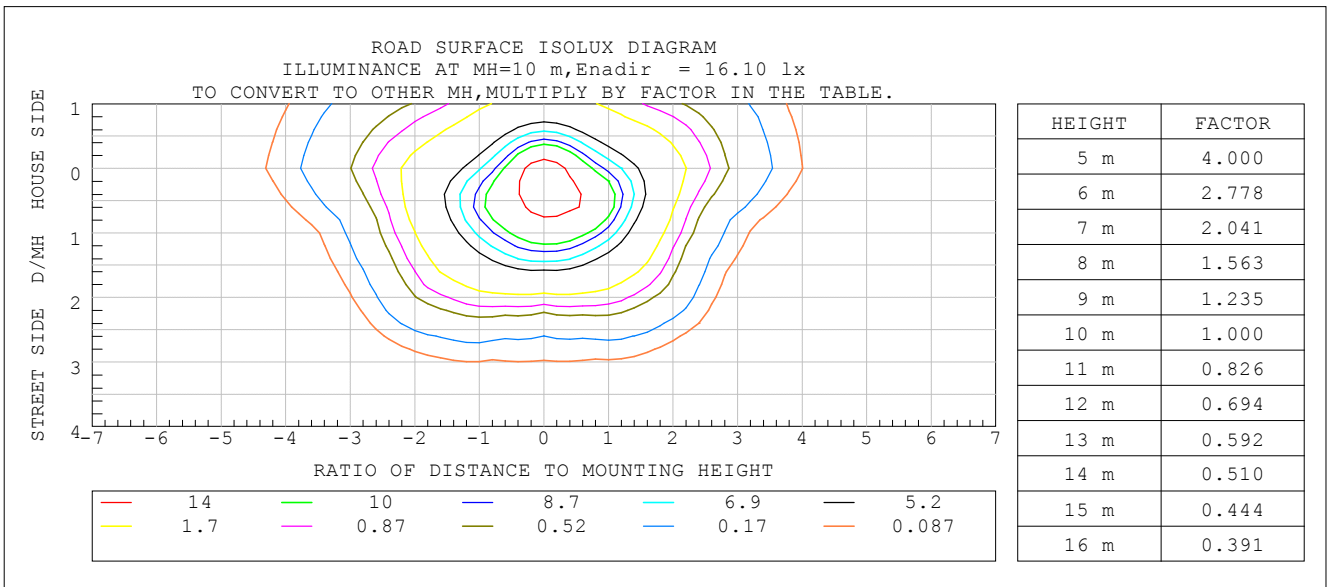
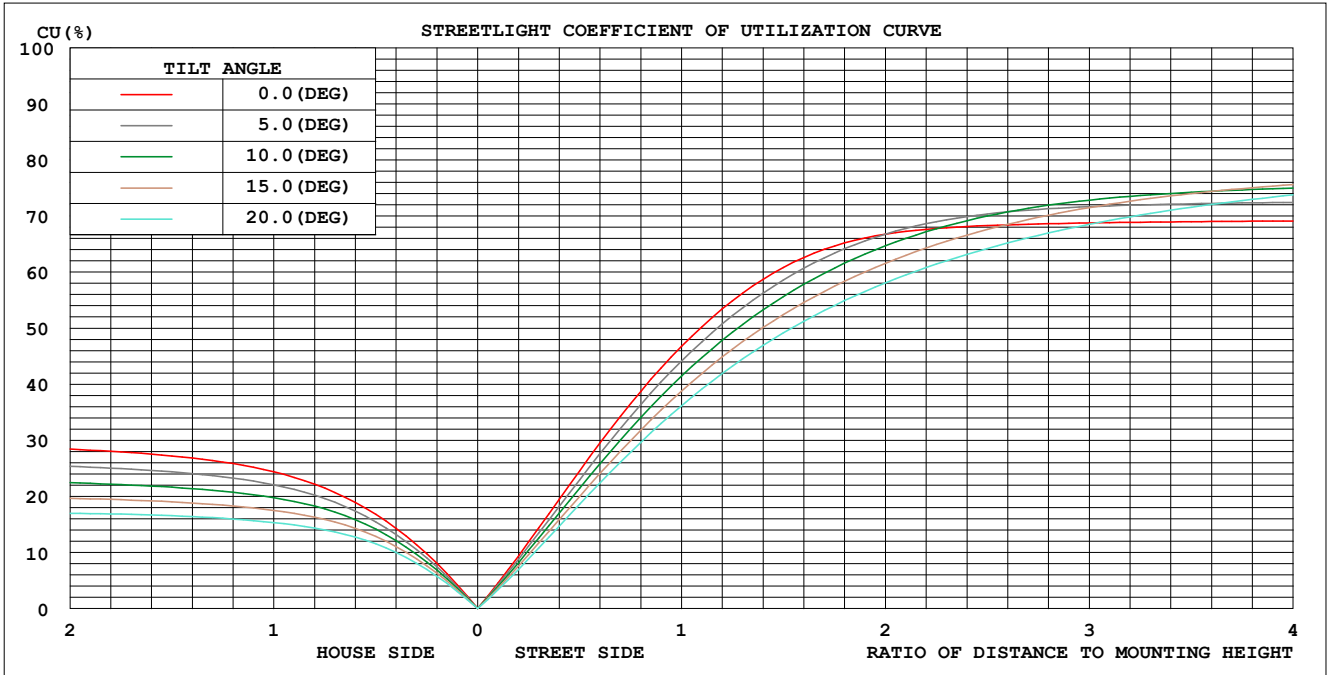
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WJH
 Test Date:2020-01-10

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.432m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WJH
Test Date: 2020-01-10

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 9.432m [K=1.0000]
Remarks:

Checker: LI

Assessor:

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	1600	1747	1816	1754	1613	1476	1420	1472	0- 10	154.2	154.2	1.89,1.89
20	1570	1873	2051	1928	1632	1326	1222	1306	10- 20	456.5	610.7	7.48,7.48
30	1598	2094	2400	2311	1746	1197	1054	1166	20- 30	762.7	1373	16.8,16.8
40	1747	2648	2957	3108	2051	1067	873.7	1039	30- 40	1136	2510	30.8,30.8
50	2068	3504	3727	4043	2595	858.0	627.0	850.8	40- 50	1647	4157	50.9,50.9
60	2487	3640	2712	3600	2913	559.8	411.0	577.4	50- 60	2069	6226	76.3,76.3
70	1865	1504	313.8	1016	1572	357.5	303.3	375.6	60- 70	1427	7652	93.8,93.8
80	425.8	155.3	107.9	123.2	277.7	170.8	179.4	192.6	70- 80	416.3	8069	98.9,98.9
90	14.22	3.886	2.618	3.795	9.052	26.15	41.40	39.10	80- 90	92.30	8161	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:WJH
 Test Date:2020-01-10

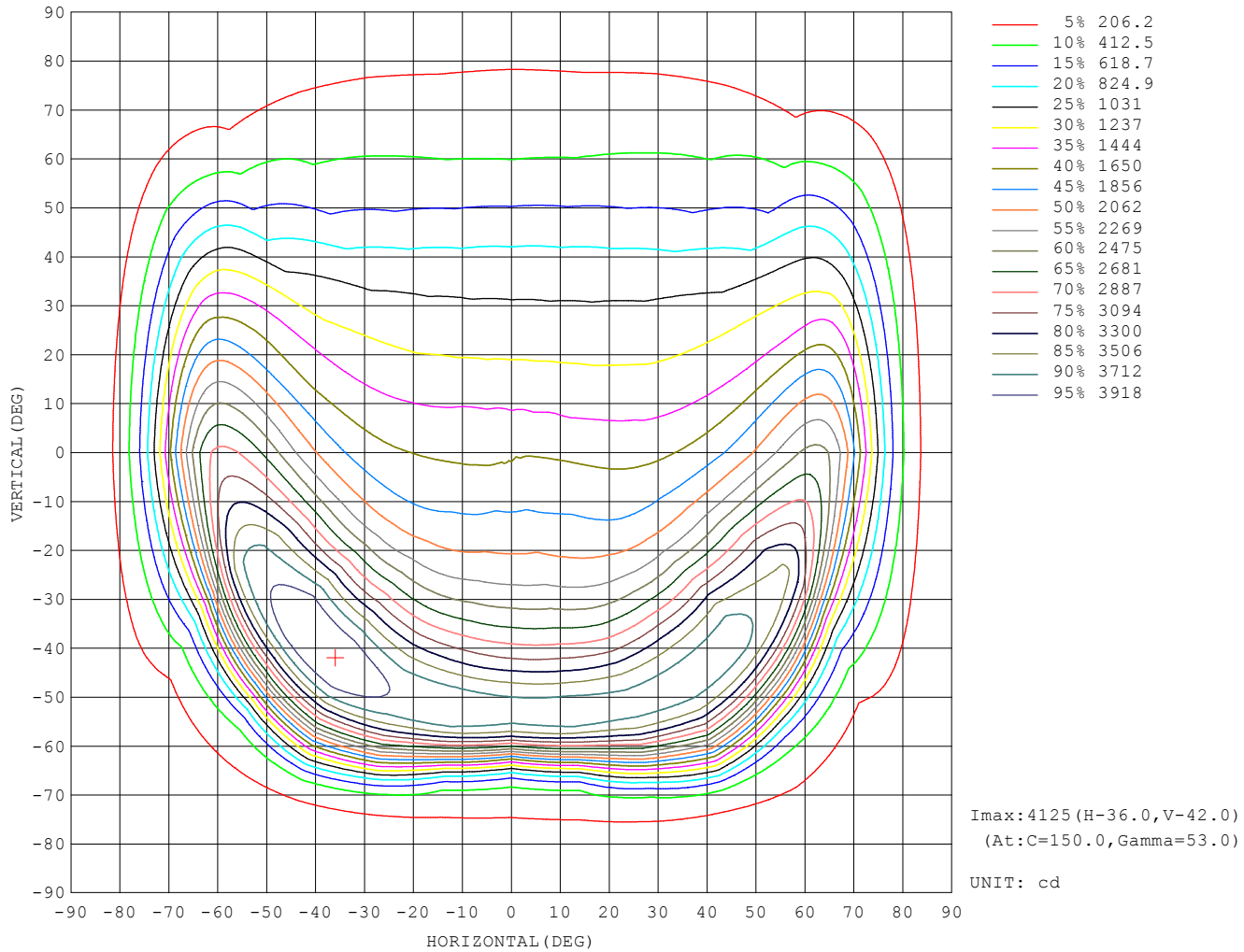
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.432m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM



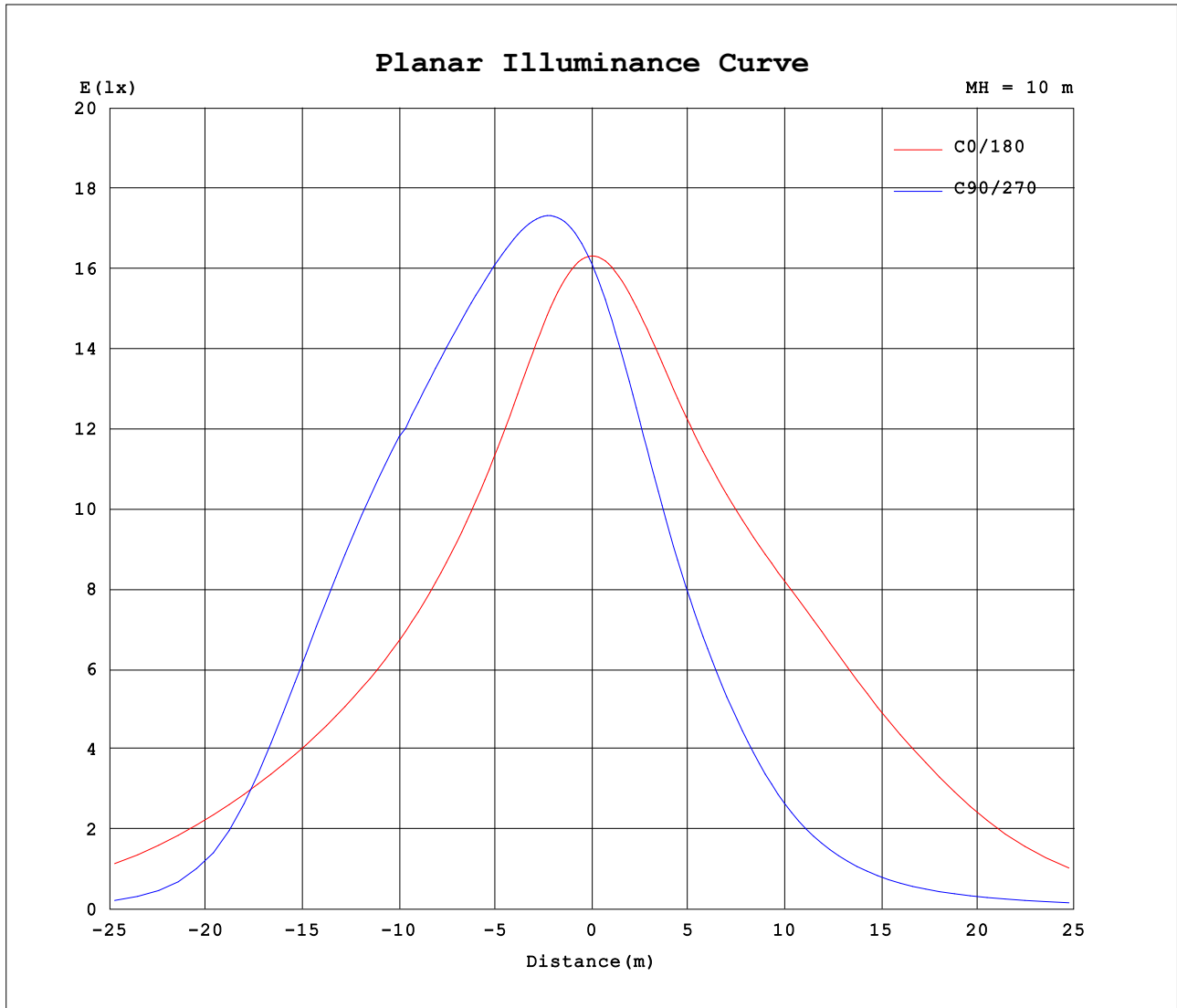
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WJH
 Test Date: 2020-01-10

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.432m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WJH
Test Date: 2020-01-10

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 9.432m [K=1.0000]
Remarks:

Checker: LI

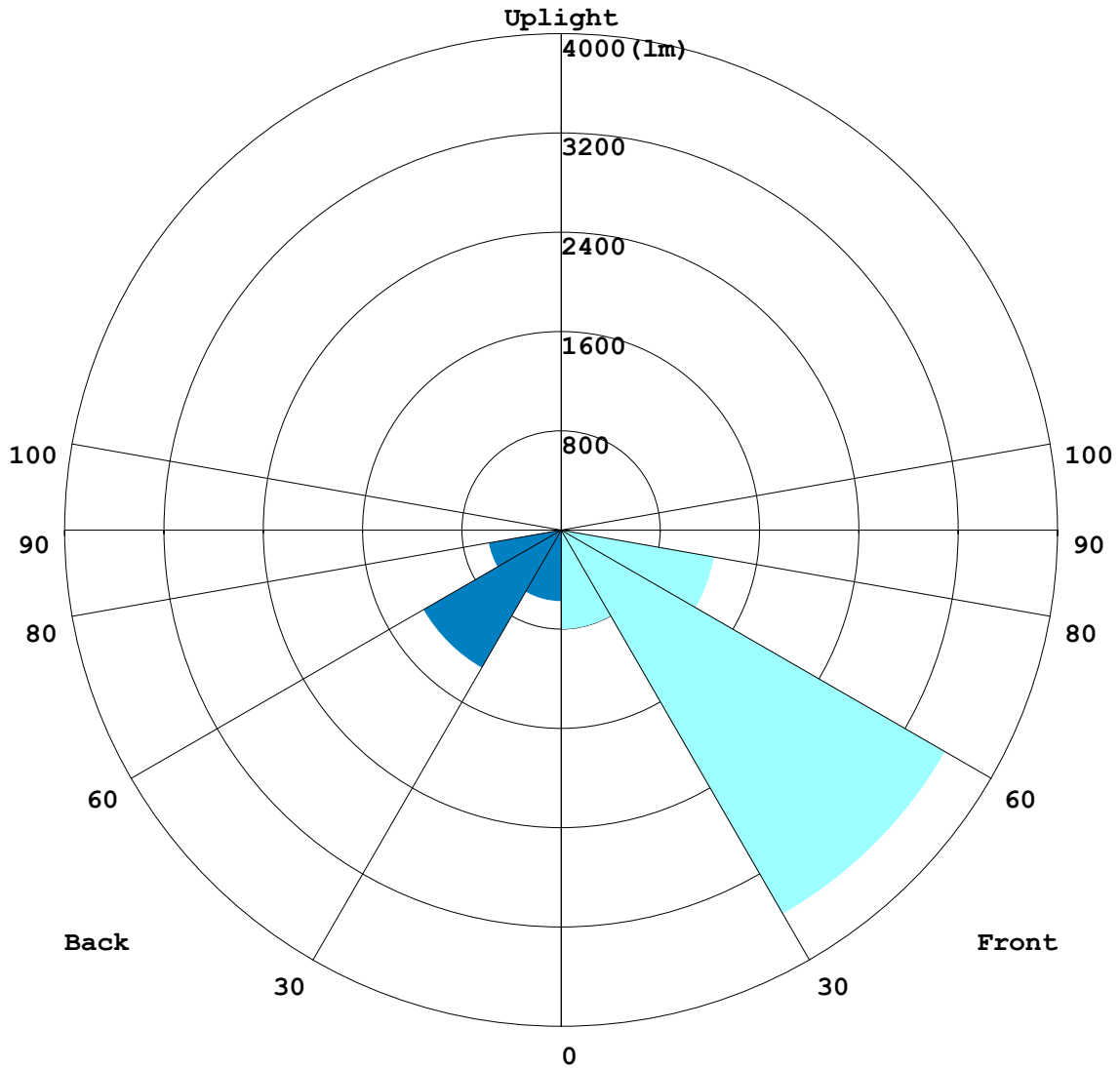
Assessor:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.1V I:0.3189A P:70.37W PF:0.9591 Lamp Flux:8160.88x1 lm		
NAME: UWP05-070-3070-R08401	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.265*0.085	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WJH
 Test Date:2020-01-10

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.432m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:230.1V I:0.3189A P:70.37W PF:0.9591 Lamp Flux:8160.88x1 lm		
NAME: UWP05-070-3070-R08401	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.265*0.085	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	798.99	9.8
FM - Front-Medium(30-60)	3571.5	43.8
FH - Front-High(60-80)	1251.5	15.3
FVH - Front-Very High(80-90)	34.188	0.4
Total Forward Light	5656.2	69.3

BL - Back-Low(0-30)	574.43	7.0
BM - Back-Medium(30-60)	1280.8	15.7
BH - Back-High(60-80)	591.35	7.2
BVH - Back-Very High(80-90)	58.114	0.7
Total Back Light	2504.7	30.7

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2504.7	0	2504.7
Street Side	5656.2	0	5656.2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WJH
 Test Date:2020-01-10

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.432m [K=1.0000]
 Remarks:

Checker: LI

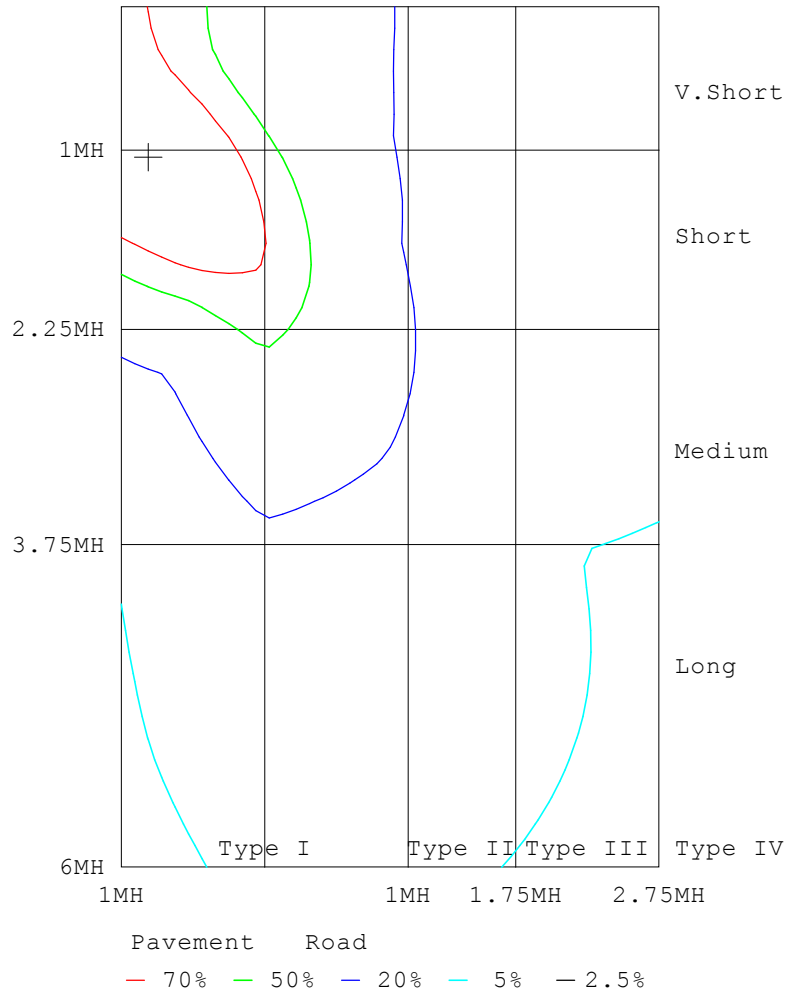
Assessor:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.1V I:0.3189A P:70.37W PF:0.9591 Lamp Flux:8160.88x1 lm		
NAME: UWP05-070-3070-R08401	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.265*0.085	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WJH
 Test Date:2020-01-10

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.432m [K=1.0000]
 Remarks:

Checker: LI

Assessor: