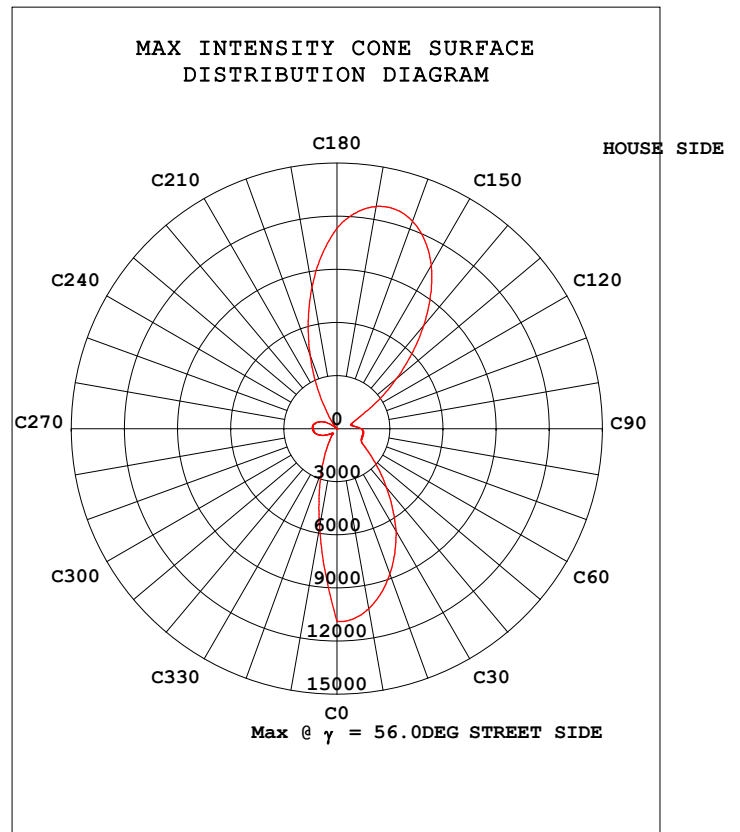
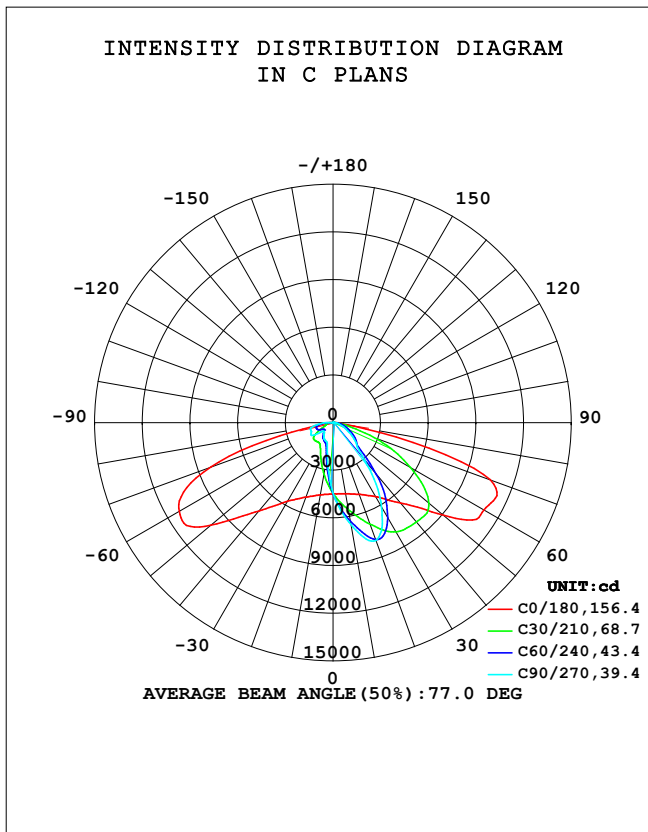


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:45.80V I:2.600A P:119.1W PF:1.000 Lamp Flux:19122.2x1 lm		
NAME: YF-Solar-X-120W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:120W	DIM.: 586*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.58 lm/W			
MODEL	5050-8S1B	I _{max} (cd)	11330	η street_up (%)	0.2
NOMINAL POWER (W)	120	LOR (%)	100.0	η street_down (%)	51.8
RATED VOLTAGE (V)		TOTAL FLUX (lm)	19122	η house_up (%)	0.1
NOMINAL FLUX (lm)	19122.2	MAXIMUM @ (C, γ)	180,56.0	η house_down (%)	47.9
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)		η down (%)	99.7	SLI	21.541



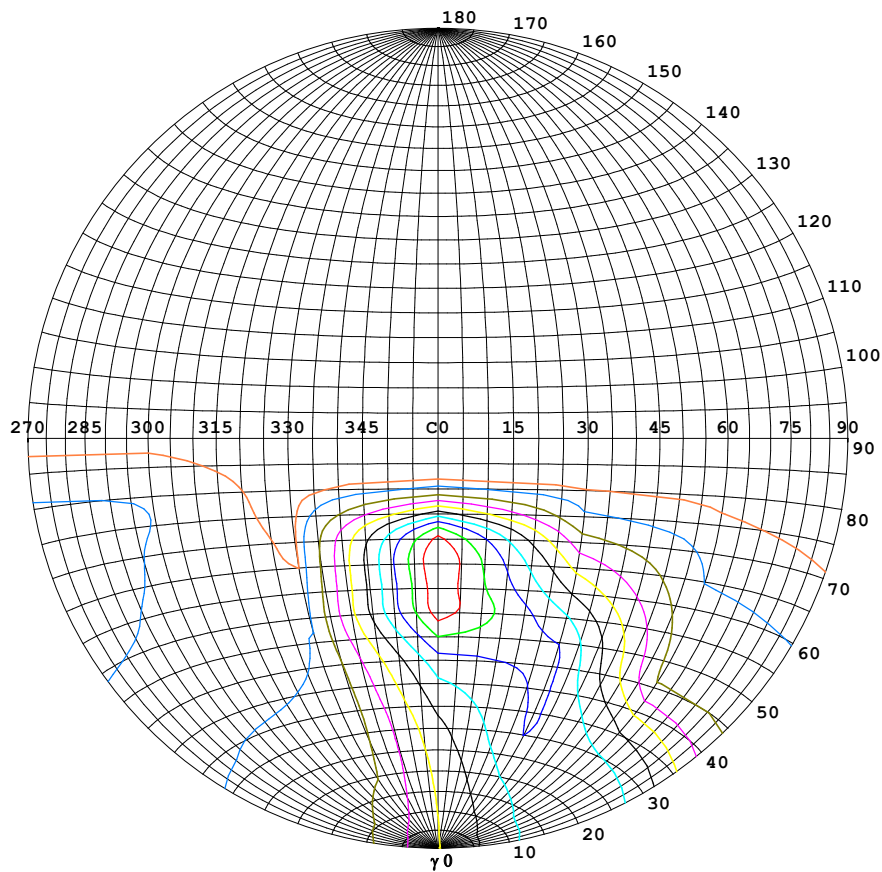
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-10-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
Humidity:65.0%
Test Distance:7.661m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:45.80V I:2.600A P:119.1W PF:1.000 Lamp Flux:19122.2x1 lm		
NAME: YF-Solar-X-120W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:120W	DIM.: 586*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



Classification:

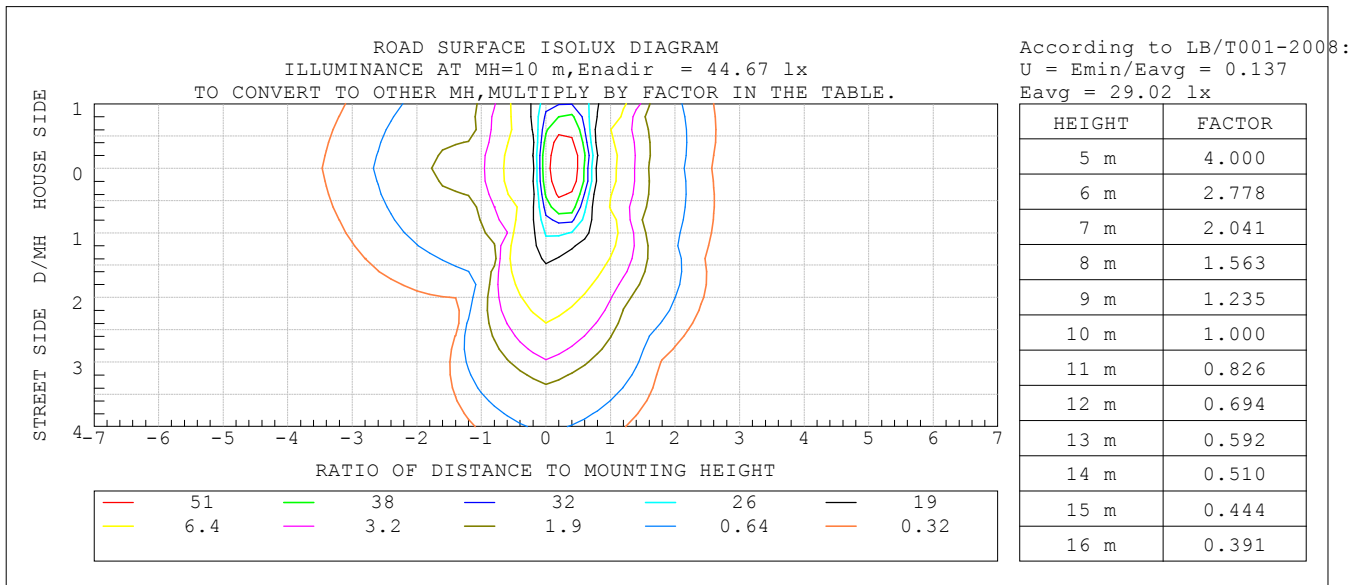
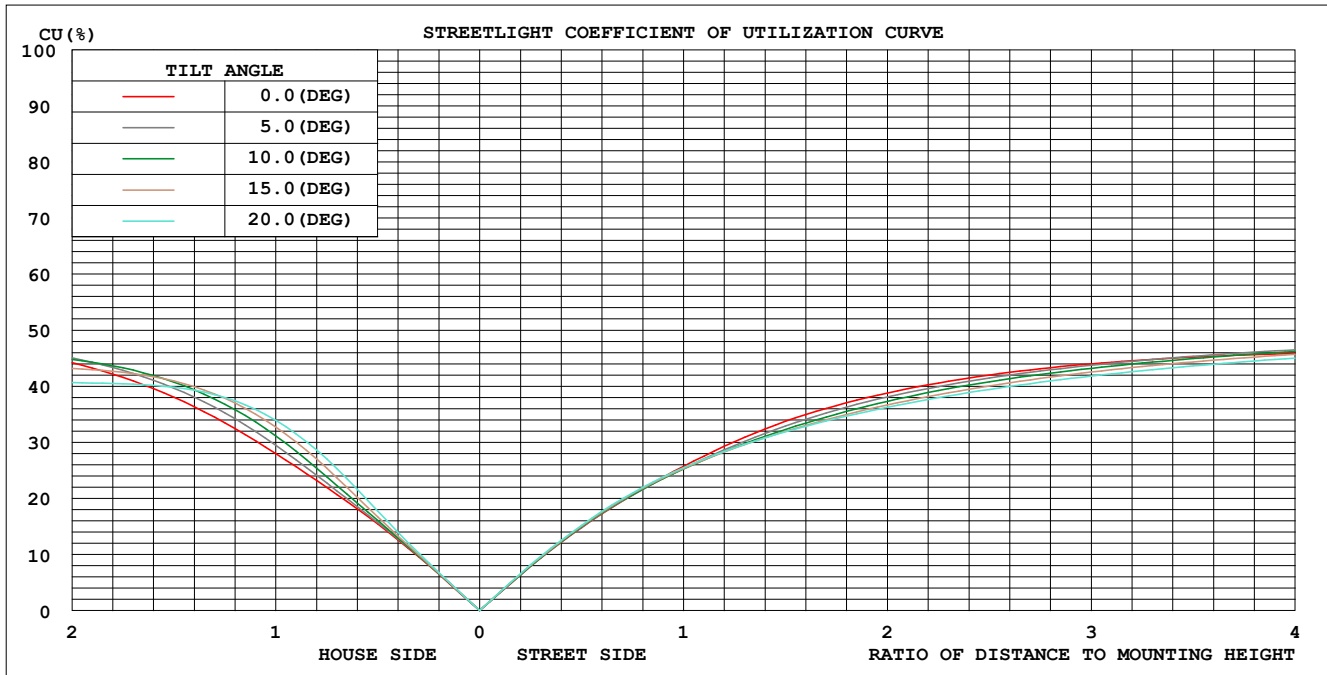
IES:Type V - Short
 CIE:Broad - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:70.83cd/klm
 Max.At90:15.57cd/klm
 Max.80-90:70.83cd/klm
 NRB 5101:Limited[7.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	11330
90%	10197
80%	9064
70%	7931
60%	6798
50%	5665
40%	4532
30%	3399
20%	2266
10%	1133
5%	567

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
 Humidity:65.0%
 Test Distance:7.661m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
Humidity: 65.0%
Test Distance: 7.661m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:45.80V I:2.600A P:119.1W PF:1.000 Lamp Flux:19122.2x1 lm		
NAME: YF-Solar-X-120W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:120W	DIM.: 586*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

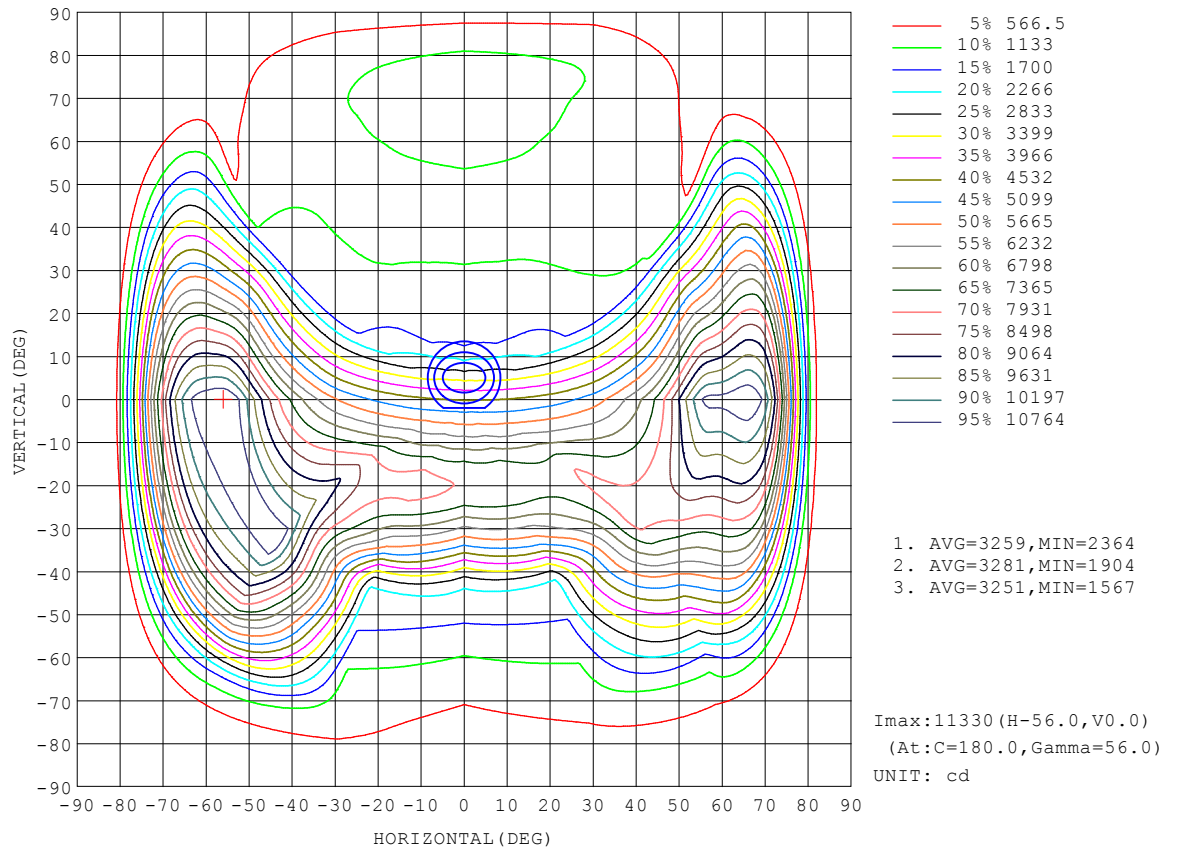
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	454.9	592.2	652.2	603.6	463.0	286.2	207.3	280.4	0- 10	422.4	422.4	2.21,2.21
20	481.3	731.5	788.9	762.6	499.5	183.7	128.1	178.7	10- 20	1287	1710	8.94,8.94
30	538.4	741.4	611.4	806.5	570.9	142.4	116.9	138.3	20- 30	2163	3873	20.3,20.3
40	661.1	619.8	315.3	729.0	726.2	126.4	87.54	110.1	30- 40	2744	6617	34.6,34.6
50	907.2	491.2	186.0	646.0	1003	116.7	86.86	94.53	40- 50	3094	9711	50.8,50.8
60	1098	351.0	110.5	560.1	1117	97.57	160.2	82.71	50- 60	3671	13382	70,70
70	1054	183.2	60.37	326.6	817.8	81.41	147.8	77.40	60- 70	3420	16802	87.9,87.9
80	135.4	52.04	25.76	63.41	80.90	66.82	121.2	69.99	70- 80	1847	18649	97.5,97.5
90	7.516	5.448	2.690	6.632	7.036	16.64	29.77	19.74	80- 90	409.9	19059	99.7,99.7
100	1.774	0.3804	0.1832	0.4904	2.321	0.6064	0.0912	0.7400	90-100	35.66	19095	99.9,99.9
110	1.101	0.2257	0.2097	0.2451	1.202	0.5034	0.1363	0.5250	100-110	5.788	19101	99.9,99.9
120	1.044	0.1729	0.1734	0.1862	1.118	0.5625	0.2001	0.6394	110-120	4.812	19105	99.9,99.9
130	0.9472	0.1898	0.1444	0.2009	0.8212	0.6589	0.3157	0.7699	120-130	4.271	19110	99.9,99.9
140	0.7854	0.2108	0.1448	0.2192	0.7090	0.7656	0.5570	0.8772	130-140	3.919	19114	100,100
150	0.6850	0.2507	0.1654	0.2682	0.6454	0.8297	0.7961	0.9318	140-150	3.454	19117	100,100
160	0.6321	0.3302	0.2429	0.3596	0.6236	0.8644	0.9205	0.9455	150-160	2.750	19120	100,100
170	0.6127	0.4523	0.4074	0.4896	0.6099	0.7805	0.8713	0.8541	160-170	1.788	19122	100,100
180	0.6054	0.6079	0.6333	0.6669	0.6079	0.6068	0.6413	0.6680	170-180	0.6080	19122	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
 Humidity:65.0%
 Test Distance:7.661m [K=1.0000]
 Remarks:

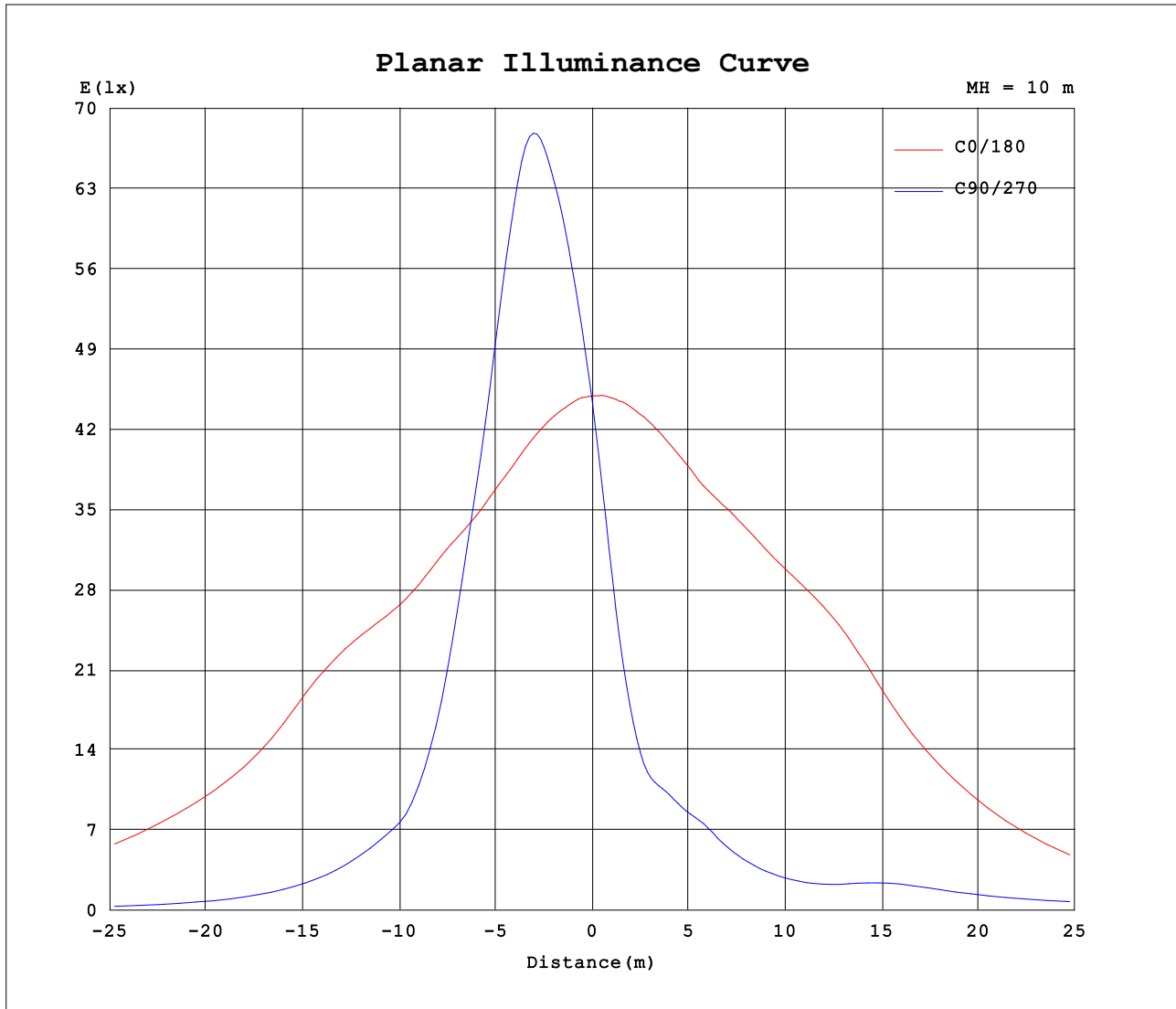
ISOCANDELA DIAGRAM

Test:U:45.80V I:2.600A P:119.1W PF:1.000 Lamp Flux:19122.2x1 lm		
NAME: YF-Solar-X-120W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:120W	DIM.: 586*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
Humidity:65.0%
Test Distance:7.661m [K=1.0000]
Remarks:

Planar Illuminance Curve

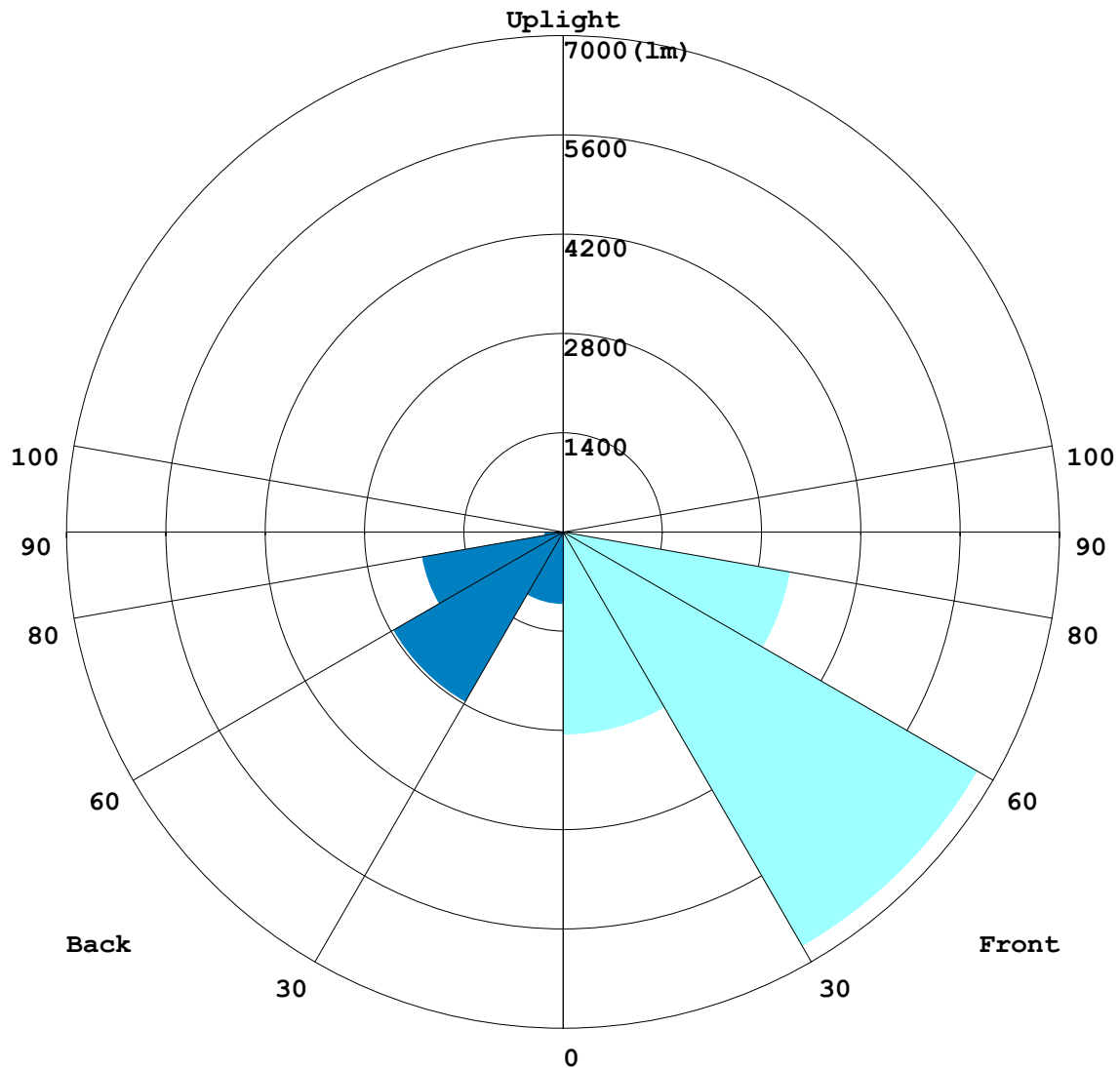
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
Humidity: 65.0%
Test Distance: 7.661m [K=1.0000]
Remarks:

LCS REPORT

Test:U:45.80V I:2.600A P:119.1W PF:1.000 Lamp Flux:19122.2x1 lm		
NAME: YF-Solar-X-120W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:120W	DIM.: 586*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
Humidity:65.0%
Test Distance:7.661m [K=1.0000]
Remarks:

BUG REPORT

Test:U:45.80V I:2.600A P:119.1W PF:1.000 Lamp Flux:19122.2x1 lm		
NAME: YF-Solar-X-120W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:120W	DIM.: 586*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2855.2	14.9
FM - Front-Medium(30-60)	6745.1	35.3
FH - Front-High(60-80)	3248.2	17.0
FVH - Front-Very High(80-90)	144.24	0.8
Total Forward Light	13013	68.1

BL - Back-Low(0-30)	1017.7	5.3
BM - Back-Medium(30-60)	2764.3	14.5
BH - Back-High(60-80)	2018.8	10.6
BVH - Back-Very High(80-90)	265.64	1.4
Total Back Light	6108.9	31.9

UL - Uplight-Low(90-100)	35.66	0.2
UH - Uplight-High(100-180)	27.39	0.1
Total Up Light	63.05	0.3

BUG(Back,Up,Glare) Rating	B3-U2-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6066.5	42.385	6108.9
Street Side	12993	20.664	13013

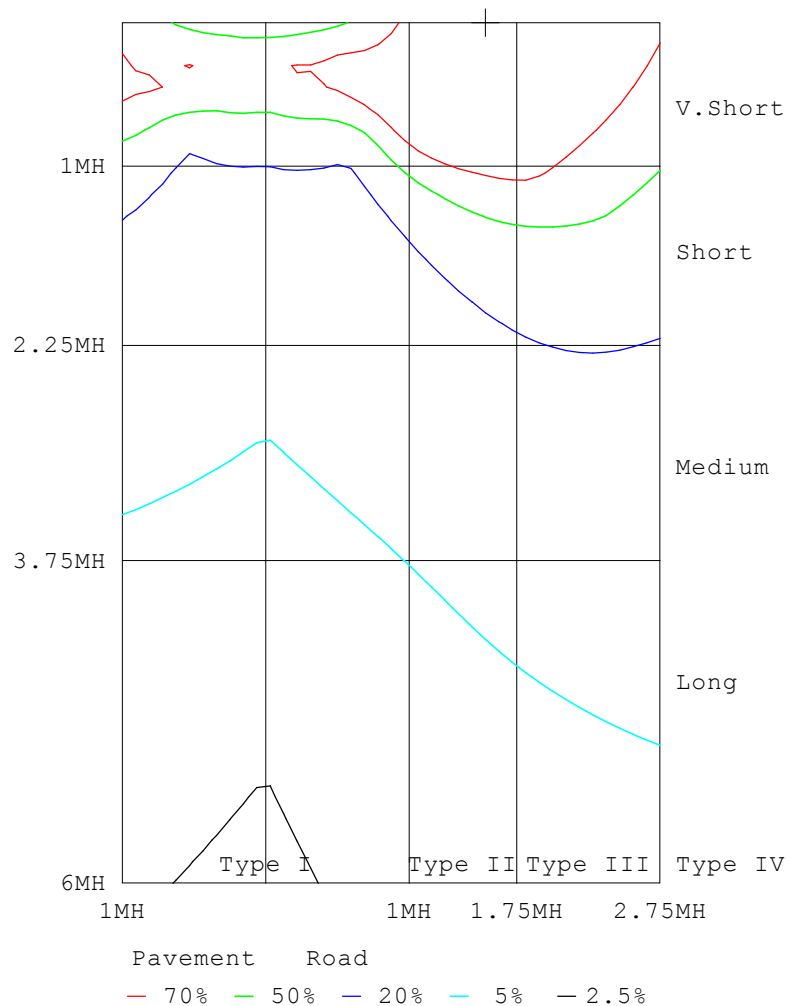
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
 Humidity:65.0%
 Test Distance:7.661m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:45.80V I:2.600A P:119.1W PF:1.000 Lamp Flux:19122.2x1 lm		
NAME: YF-Solar-X-120W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:120W	DIM.: 586*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295T
 Humidity:65.0%
 Test Distance:7.661m [K=1.0000]
 Remarks: