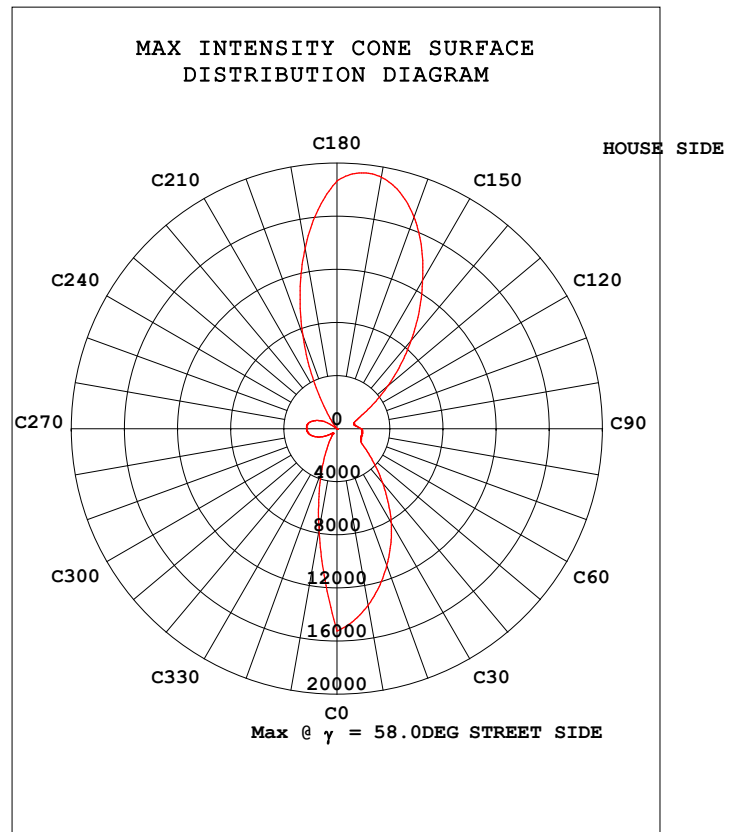
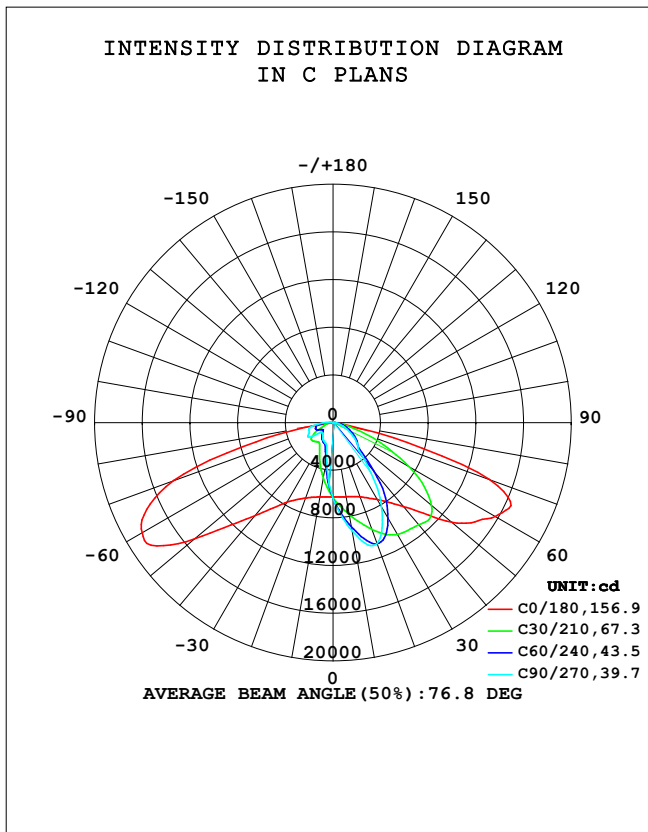


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:45.60V I:3.300A P:150.5W PF:1.000 Lamp Flux:26860.7x1 lm		
NAME: YF-Solar-X-150W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:150W	DIM.: 670*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 178.50 lm/W			
MODEL	5050-8S1B	I _{max} (cd)	18654	η street_up (%)	0.2
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	50.5
RATED VOLTAGE (V)		TOTAL FLUX (lm)	26861	η house_up (%)	0.2
NOMINAL FLUX (lm)	26860.7	MAXIMUM @ (C, γ)	180,58.0	η house_down (%)	49.0
LAMPS INSIDE	1	η up (%)	0.4	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)		η down (%)	99.6	SLI	21.050



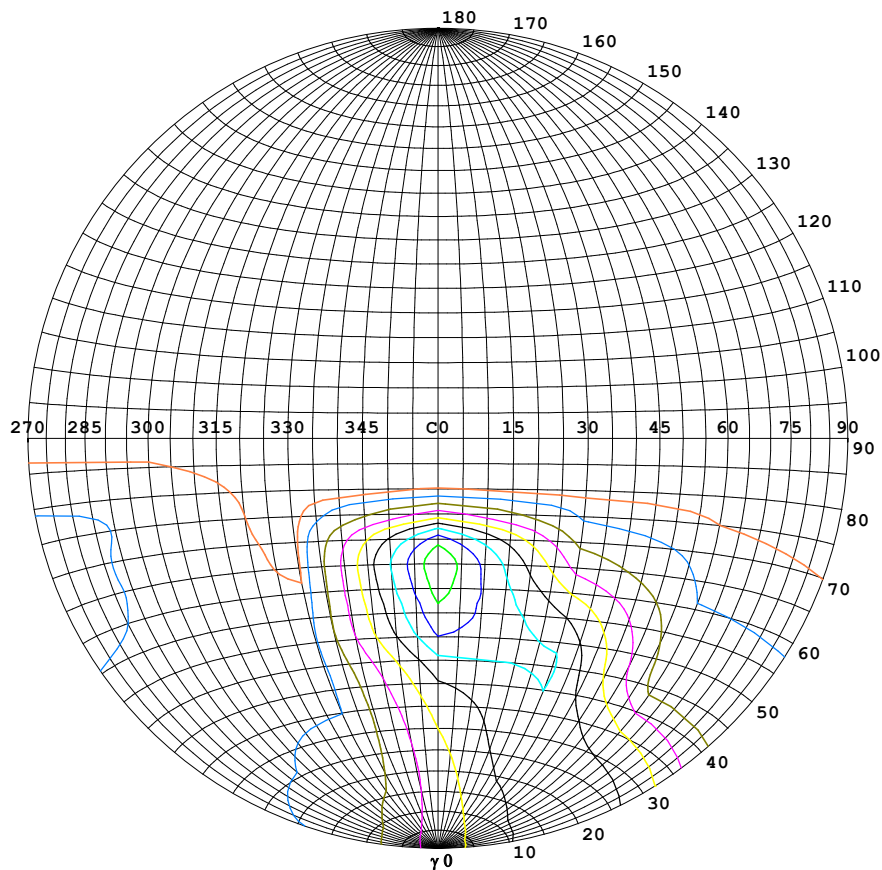
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-10-12

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:45.60V I:3.300A P:150.5W PF:1.000 Lamp Flux:26860.7x1 lm		
NAME: YF-Solar-X-150W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:150W	DIM.: 670*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



Classification:

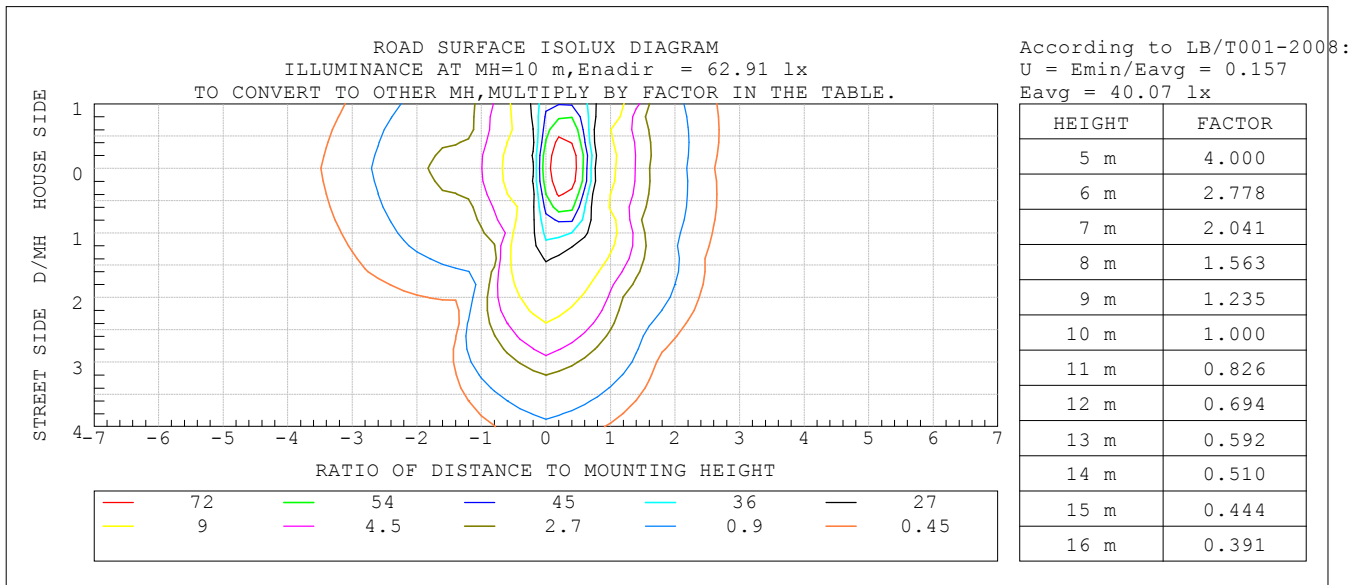
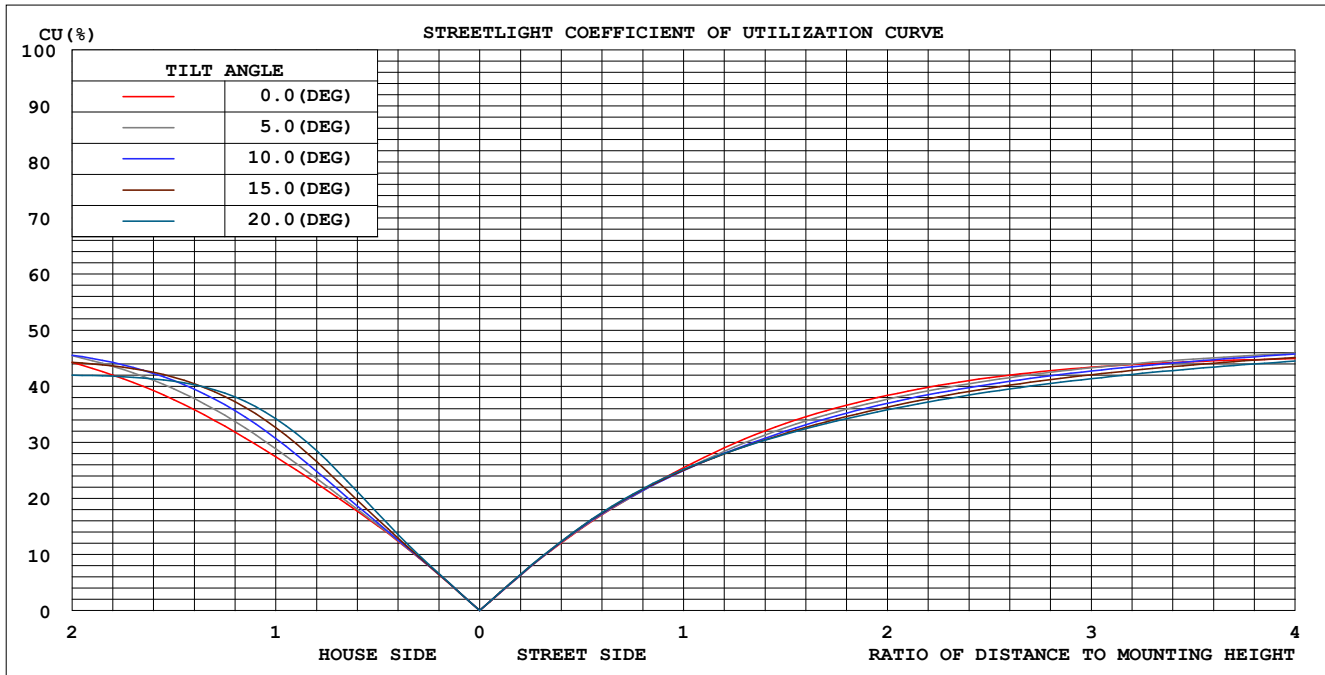
IES:Type V - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:90.15cd/klm
 Max.At90:16.83cd/klm
 Max.80-90:90.15cd/klm
 NRB 5101:Limited[7.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	18654
90%	16789
80%	14924
70%	13058
60%	11193
50%	9327
40%	7462
30%	5596
20%	3731
10%	1865
5%	933

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:45.60V I:3.300A P:150.5W PF:1.000 Lamp Flux:26860.7x1 lm		
NAME: YF-Solar-X-150W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:150W	DIM.: 670*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

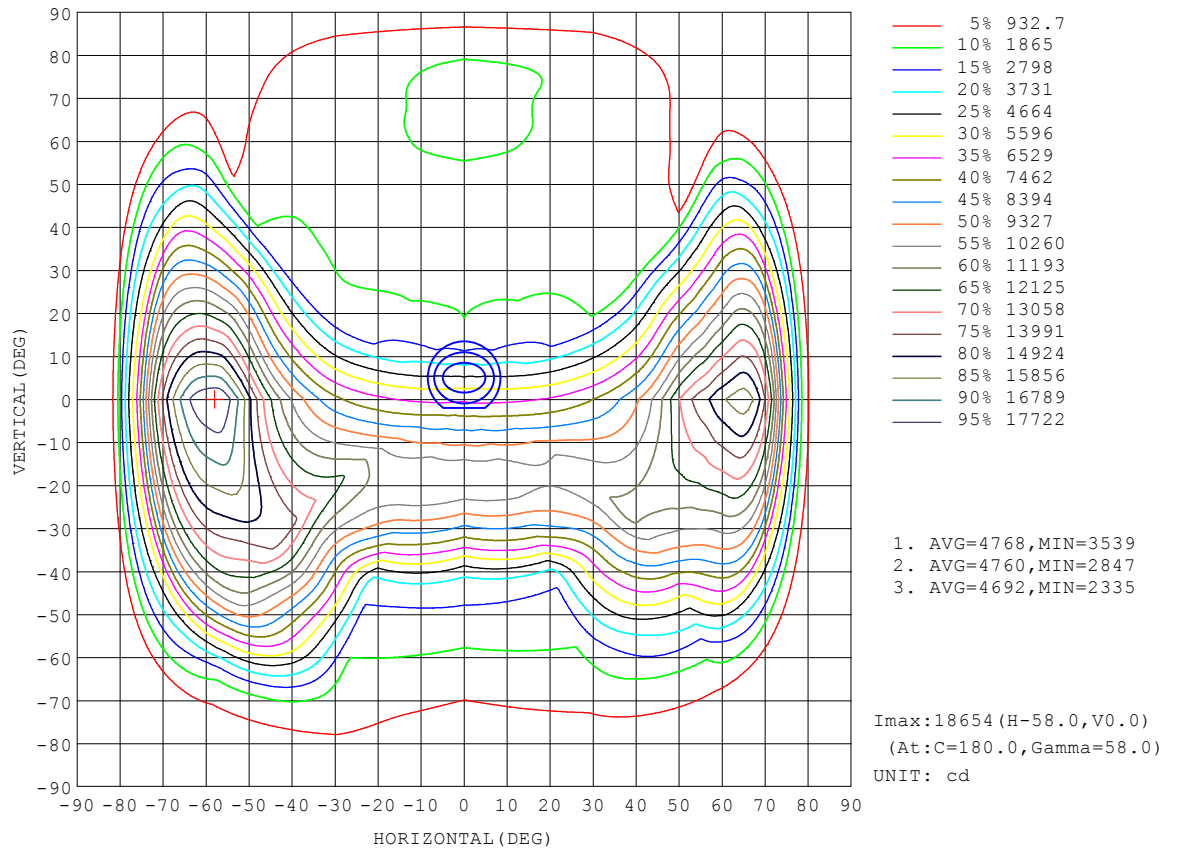
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	632.7	834.6	918.9	843.2	634.3	414.4	310.7	412.2	0- 10	599.5	599.5	2.23,2.23
20	663.5	1018	1080	1043	674.4	265.4	185.5	260.9	10- 20	1805	2405	8.95,8.95
30	746.8	1003	816.1	1078	771.5	201.1	167.8	197.2	20- 30	2961	5366	20,20
40	918.5	831.0	418.9	963.2	1018	177.2	134.1	154.5	30- 40	3720	9086	33.8,33.8
50	1303	673.8	261.0	861.9	1520	172.1	127.9	141.9	40- 50	4310	13395	49.9,49.9
60	1573	464.8	164.6	722.7	1850	150.4	243.8	118.2	50- 60	5209	18605	69.3,69.3
70	1395	225.0	92.38	425.8	1420	120.7	213.6	116.8	60- 70	4971	23576	87.8,87.8
80	99.58	65.40	39.52	93.52	242.2	96.22	176.3	102.9	70- 80	2586	26162	97.4,97.4
90	10.41	6.098	2.626	12.53	15.73	32.27	45.22	21.38	80- 90	587.3	26750	99.6,99.6
100	2.776	0.9524	1.074	1.418	4.190	2.596	3.521	2.306	90-100	59.20	26809	99.8,99.8
110	1.778	0.5286	0.7394	0.5889	1.975	1.213	1.195	1.197	100-110	15.68	26825	99.9,99.9
120	1.639	0.5425	0.9264	0.7749	1.797	1.118	0.9217	1.113	110-120	10.49	26835	99.9,99.9
130	1.355	0.2912	0.2235	0.3100	1.259	1.020	0.9349	1.104	120-130	7.662	26843	99.9,99.9
140	1.089	0.3130	0.2158	0.3306	1.041	1.104	0.7780	1.226	130-140	5.789	26849	100,100
150	0.9330	0.3642	0.2473	0.3914	0.9483	1.225	1.128	1.314	140-150	4.944	26853	100,100
160	0.8555	0.4697	0.3575	0.5103	0.8845	1.205	1.275	1.293	150-160	3.902	26857	100,100
170	0.8422	0.6467	0.5890	0.7010	0.8547	1.072	1.188	1.159	160-170	2.467	26860	100,100
180	0.8527	0.8674	0.9156	0.9537	0.8575	0.8680	0.9237	0.9531	170-180	0.8531	26861	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

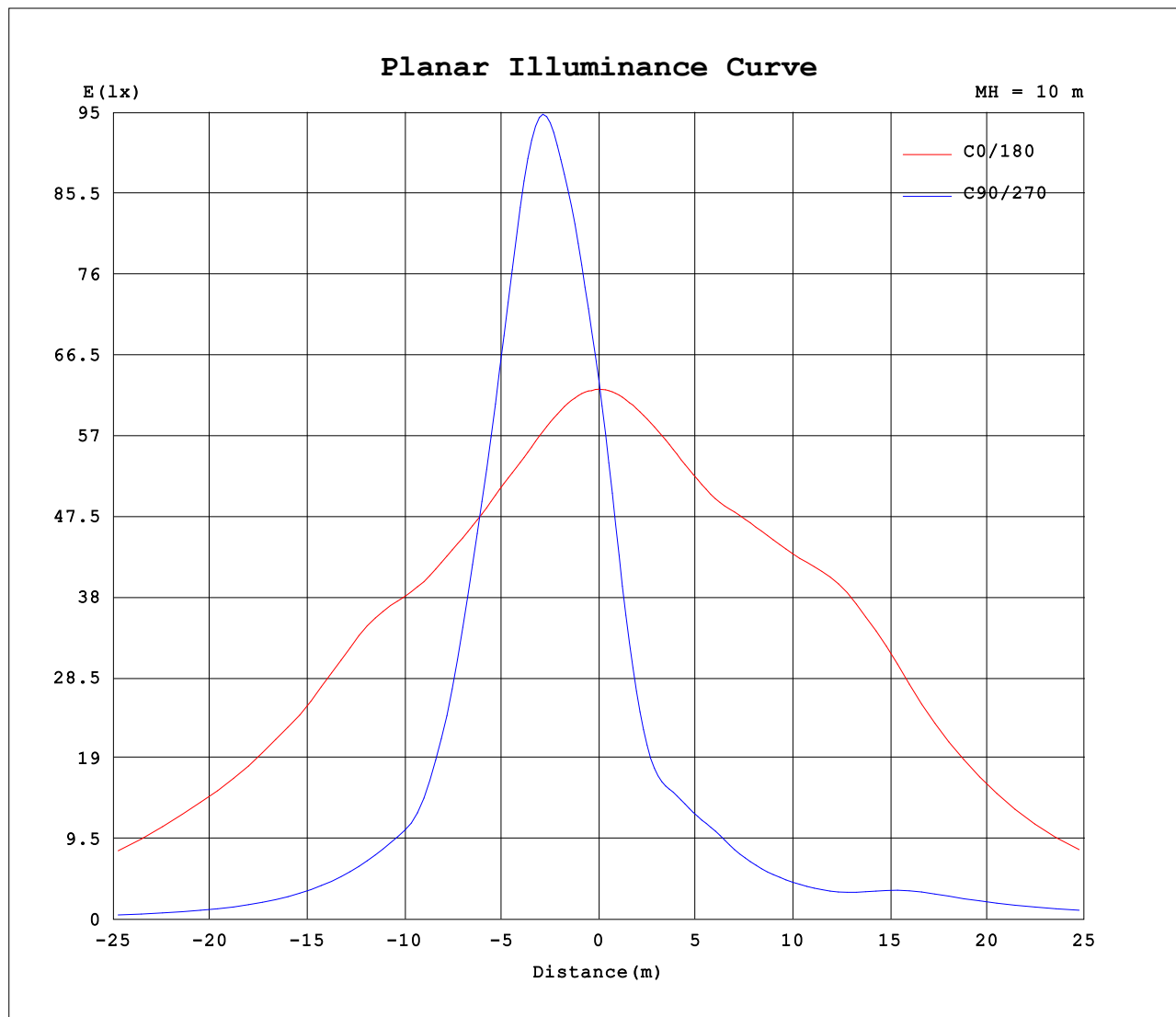
Test:U:45.60V I:3.300A P:150.5W PF:1.000 Lamp Flux:26860.7x1 lm		
NAME: YF-Solar-X-150W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:150W	DIM.: 670*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:



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



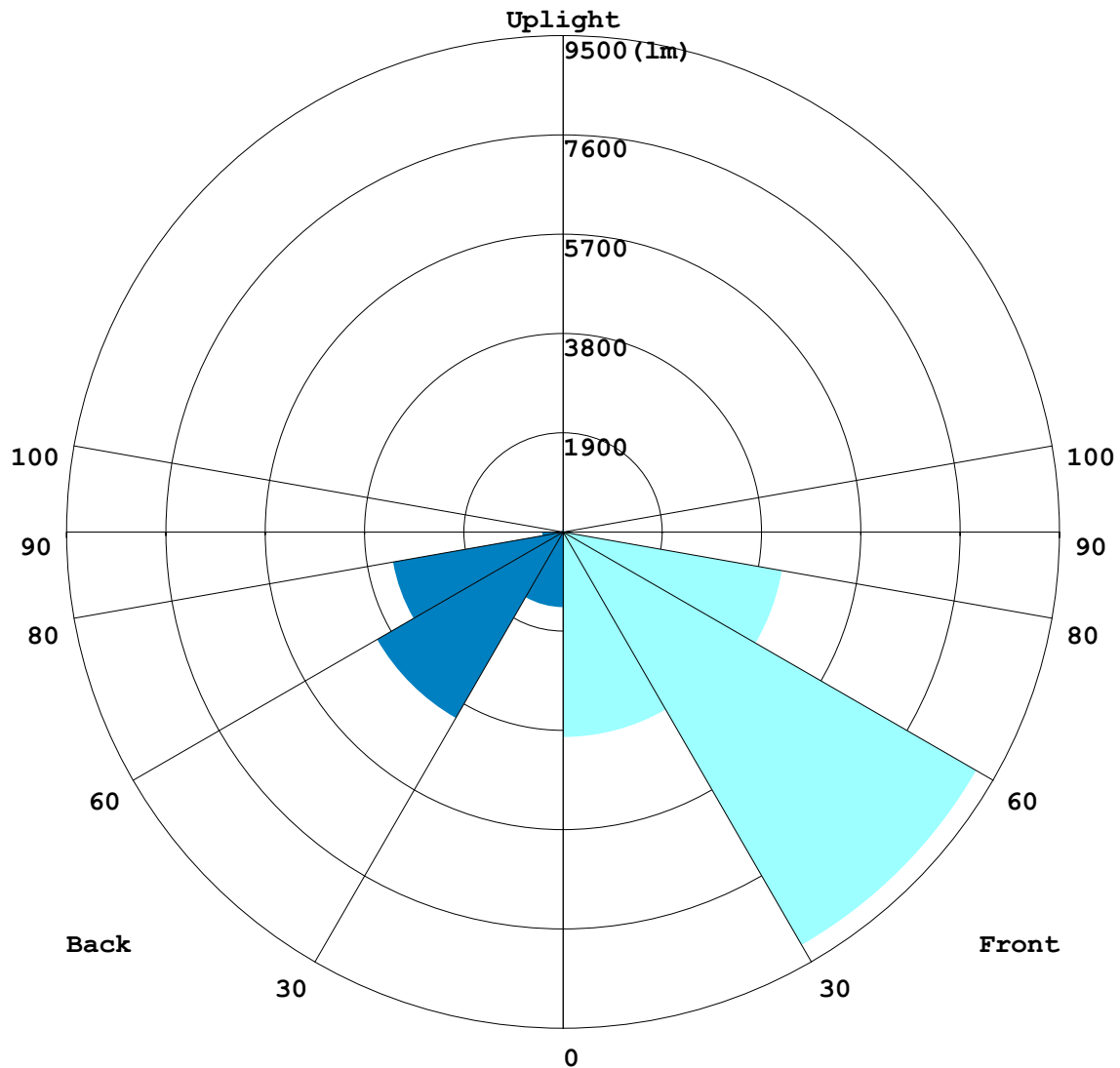
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-10-12

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:45.60V I:3.300A P:150.5W PF:1.000 Lamp Flux:26860.7x1 lm		
NAME: YF-Solar-X-150W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:150W	DIM.: 670*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:45.60V I:3.300A P:150.5W PF:1.000 Lamp Flux:26860.7x1 lm		
NAME: YF-Solar-X-150W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:150W	DIM.: 670*275	SERIAL No.:
MFR.: AURORA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3924	14.6
FM - Front-Medium(30-60)	9127.4	34.0
FH - Front-High(60-80)	4254.1	15.8
FVH - Front-Very High(80-90)	187.74	0.7
Total Forward Light	17529	65.3

BL - Back-Low(0-30)	1442.2	5.4
BM - Back-Medium(30-60)	4111.1	15.3
BH - Back-High(60-80)	3303.6	12.3
BVH - Back-Very High(80-90)	399.54	1.5
Total Back Light	9331.4	34.7

UL - Uplight-Low(90-100)	59.196	0.2
UH - Uplight-High(100-180)	51.793	0.2
Total Up Light	110.99	0.4

BUG(Back,Up,Glare) Rating	B4-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	9256.5	74.945	9331.4
Street Side	17493	36.045	17529

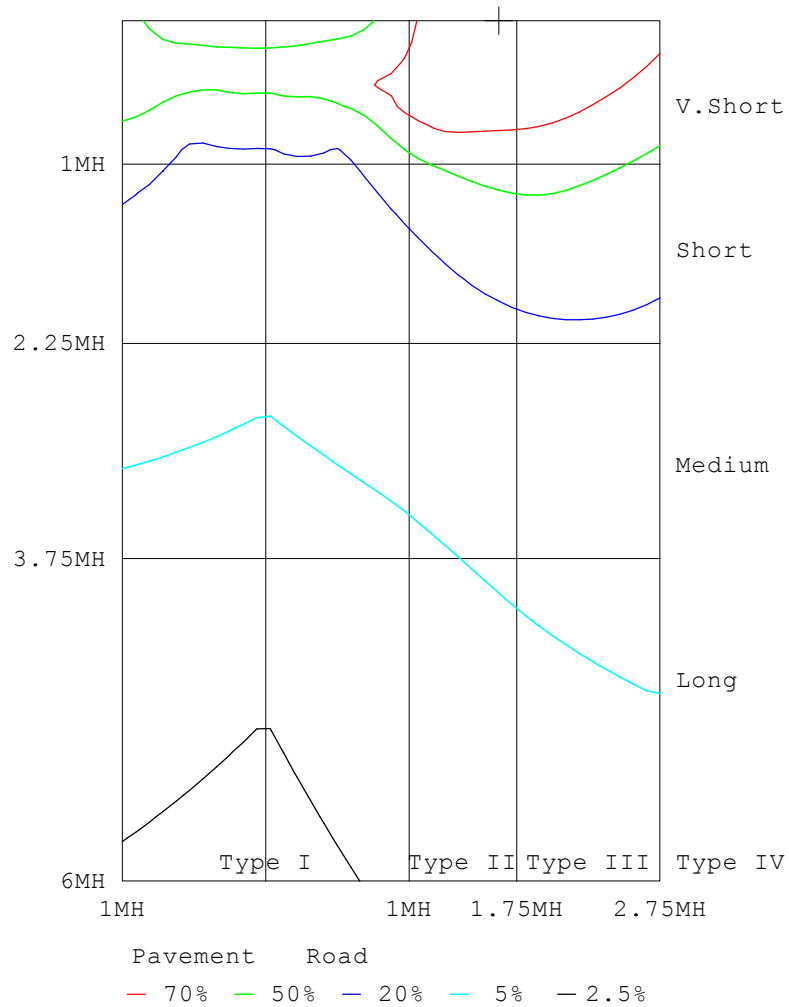
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-12

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:45.60V I:3.300A P:150.5W PF:1.000 Lamp Flux:26860.7x1 lm		
NAME: YF-Solar-X-150W	TYPE:Solar Lamp	WEIGHT:3.5
SPEC.:150W	DIM.: 670*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: