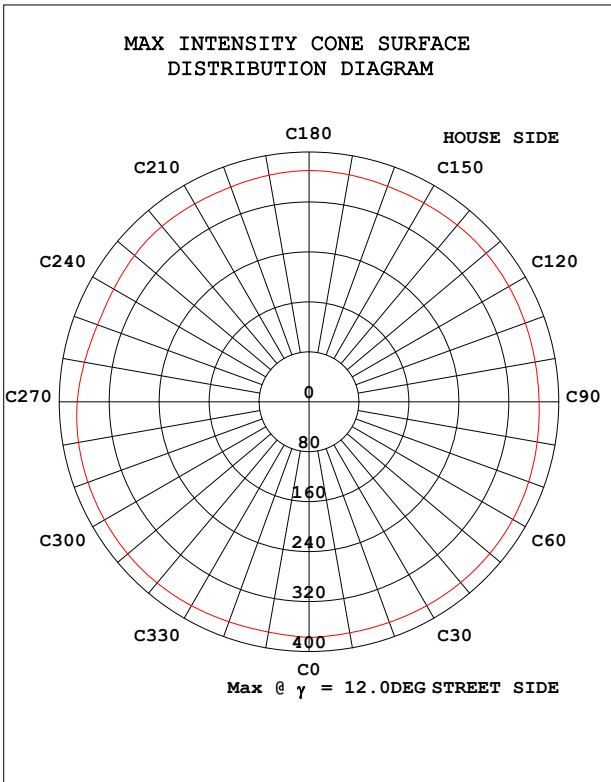
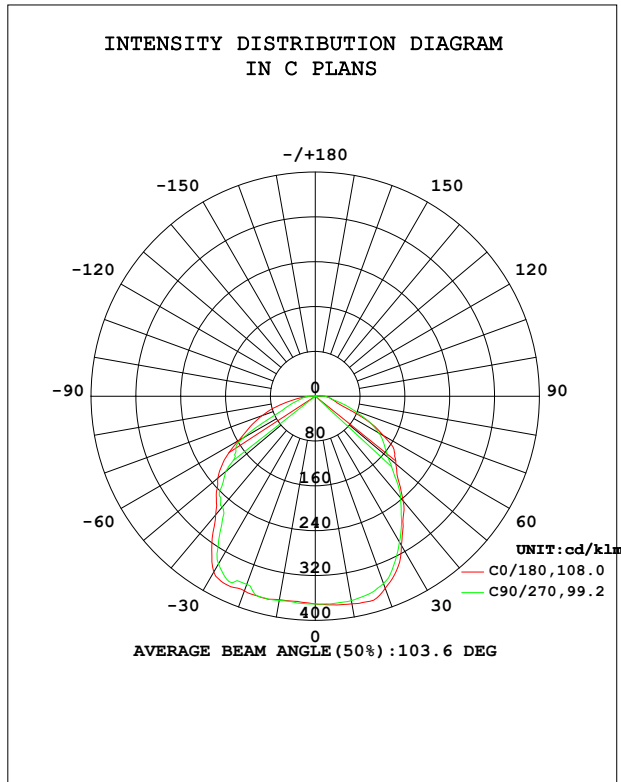


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.:	SUR.:	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SLL-12	I _{max} (cd/klm)	379.2	η street_up (%)	0.4
NOMINAL POWER (W)		LOR (%)	100.0	η street_down (%)	56.9
RATED VOLTAGE (V)		TOTAL FLUX (lm/klm)	1000	η house_up (%)	0.2
NOMINAL FLUX (lm)	2014.29	MAXIMUM @ (C, γ)	315,12.0	η house_down (%)	42.5
LAMPS INSIDE	1	η up (%)	0.7	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)		η down (%)	99.3	SLI	16.378

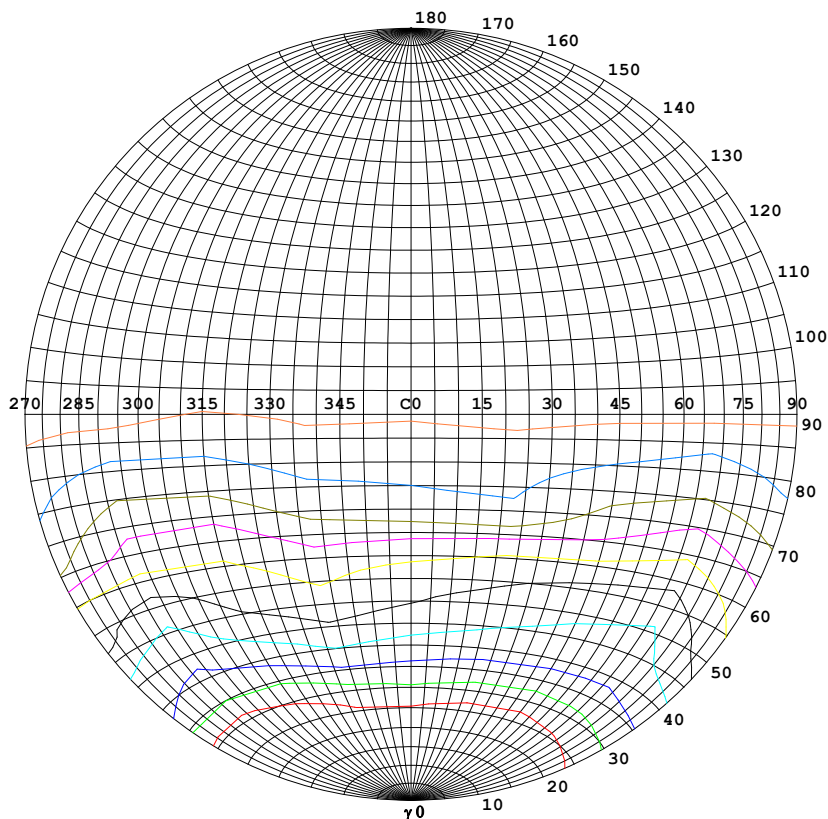


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators: Kai
 Test Date: 2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity: 65.7%
 Test Distance: 26.000m [K=1.4966]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.:	SUR.:	Shielding Angle:N/A



Classification:

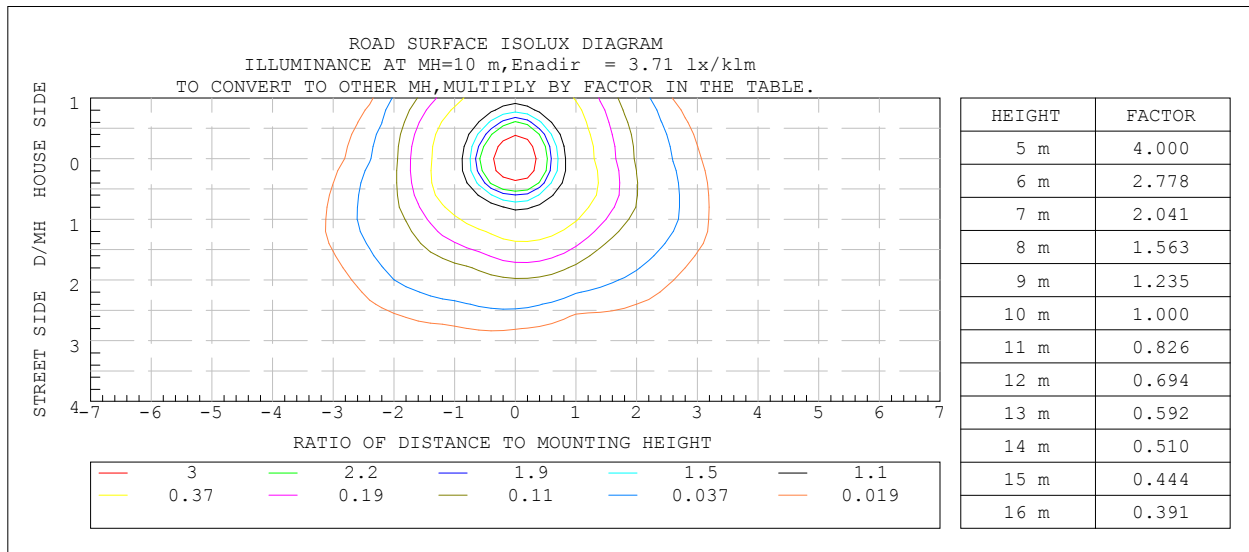
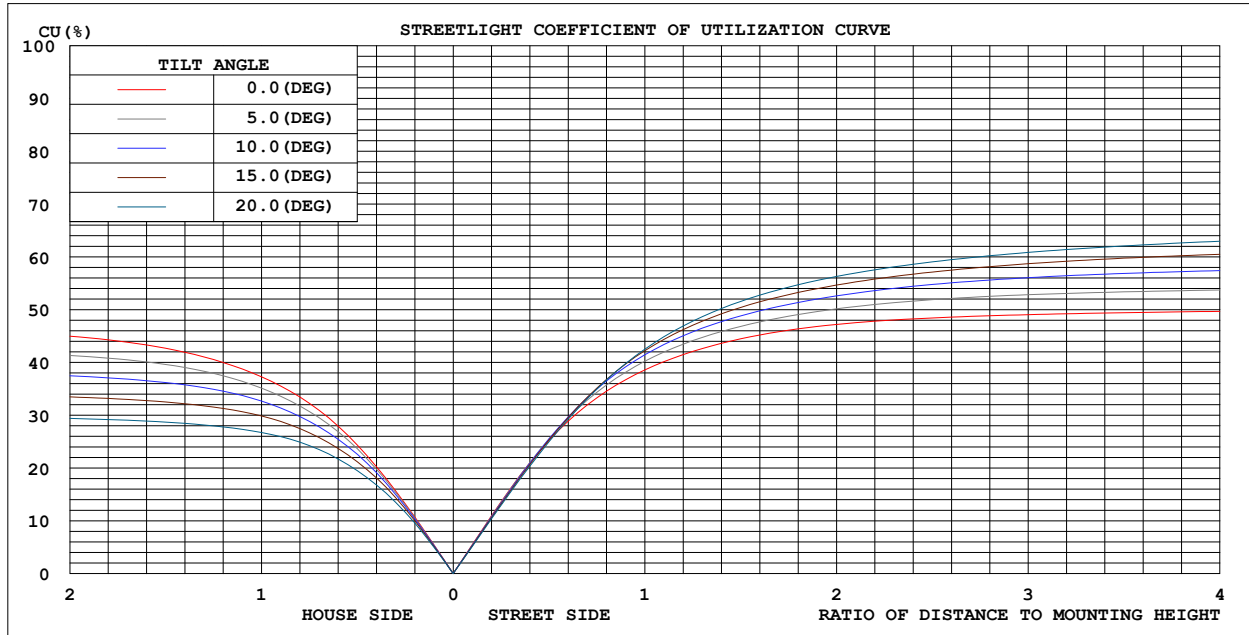
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:50.63cd/klm
 Max.At90:20.61cd/klm
 Max.80-90:50.63cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd/klm
Imax=100%	379
— 90%	341
— 80%	303
— 70%	265
— 60%	227
— 50%	190
— 40%	152
— 30%	114
— 20%	76
— 10%	38
— 5%	19

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Kai
 Test Date:2017-05-12

gamma Range: 0 - 180DEG
 gamma Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4966]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators: Kai
 Test Date: 2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity: 65.7%
 Test Distance: 26.000m [K=1.4966]
 Remarks:

ZONAL FLUX DIAGRAM

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.:	SUR.:	Shielding Angle:N/A

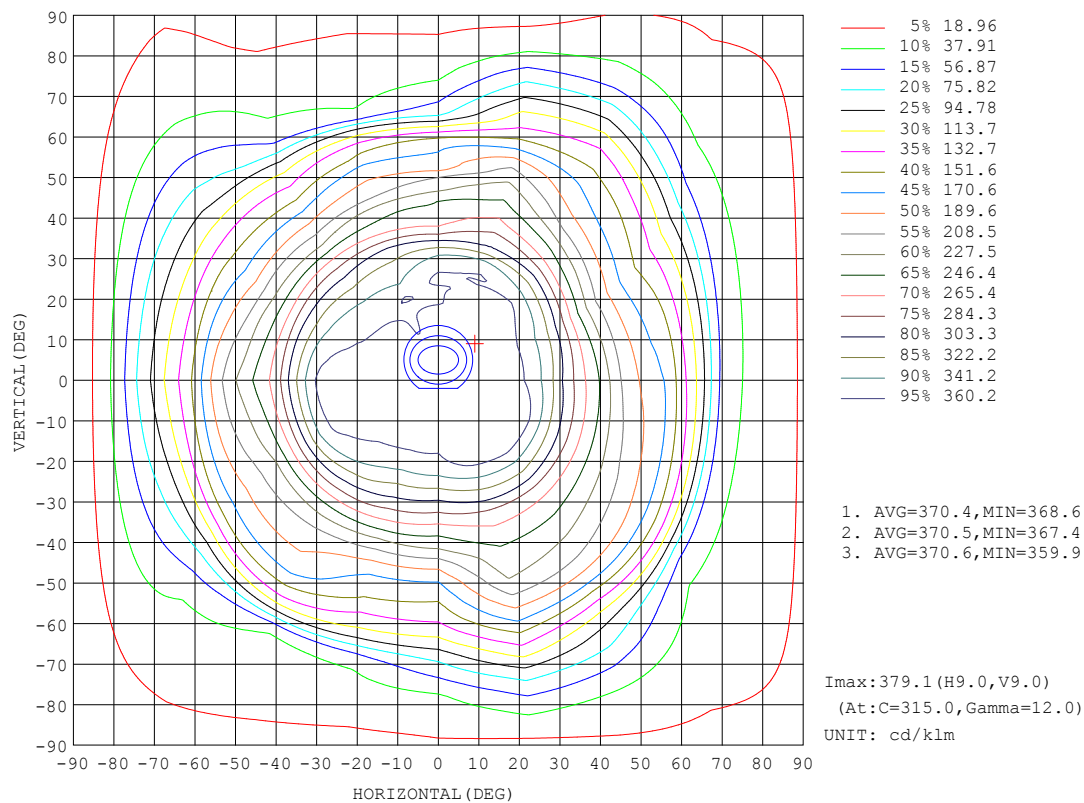
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	376.1	377.3	370.2	369.8	368.7	367.3	369.7	376.3	0- 10	35.40	35.40	3.54,3.54
20	364.9	375.4	355.6	362.4	369.5	357.5	357.2	371.6	10- 20	104.8	140.2	14,14
30	307.5	323.8	300.6	327.6	362.2	325.9	345.4	337.8	20- 30	161.8	302.0	30.2,30.2
40	244.3	256.5	237.0	248.2	276.9	253.5	257.9	254.8	30- 40	181.9	483.9	48.4,48.4
50	187.6	220.4	169.3	194.8	227.0	179.0	208.3	192.1	40- 50	173.0	656.9	65.7,65.7
60	140.2	162.4	130.7	150.2	158.0	116.6	148.3	156.0	50- 60	156.0	812.9	81.3,81.3
70	52.51	85.96	72.65	36.70	100.7	42.11	51.88	103.4	60- 70	104.2	917.2	91.7,91.7
80	29.72	39.15	31.03	23.55	41.98	22.91	24.92	44.23	70- 80	51.13	968.3	96.8,96.8
90	17.29	13.96	16.73	14.25	7.849	12.95	13.65	20.61	80- 90	25.16	993.5	99.3,99.3
100	2.873	0.3122	2.413	0.0012	0.2141	0.0851	1.552	0.3408	90-100	6.024	999.5	99.9,99.9
110	0	0	0	0	0.2141	0.0851	0.1270	0.0857	100-110	0.2921	999.8	100,100
120	0	0	0	0	0.2141	0.0851	0.1270	0.0857	110-120	0.0529	999.8	100,100
130	0	0	0	0	0.2141	0.0851	0.1270	0.0857	120-130	0.0478	999.9	100,100
140	0	0	0	0	0.2569	0.0851	0.1270	0.0857	130-140	0.0415	999.9	100,100
150	0	0	0	0	0.2569	0.0851	0.1270	0.0429	140-150	0.0329	999.9	100,100
160	0.0529	0	0.0428	0	0.2569	0.0851	0.1270	0.0429	150-160	0.0262	1000.0	100,100
170	0.0722	0.0425	0.0423	0.0419	0.2569	0.0851	0.1503	0.0429	160-170	0.0193	1000.0	100,100
180	0.0856	0.0425	0.0423	0.0857	0.2569	0.0851	0.0847	0.0429	170-180	0.0071	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Kai
 Test Date:2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4966]
 Remarks:

ISOCANDELA DIAGRAM

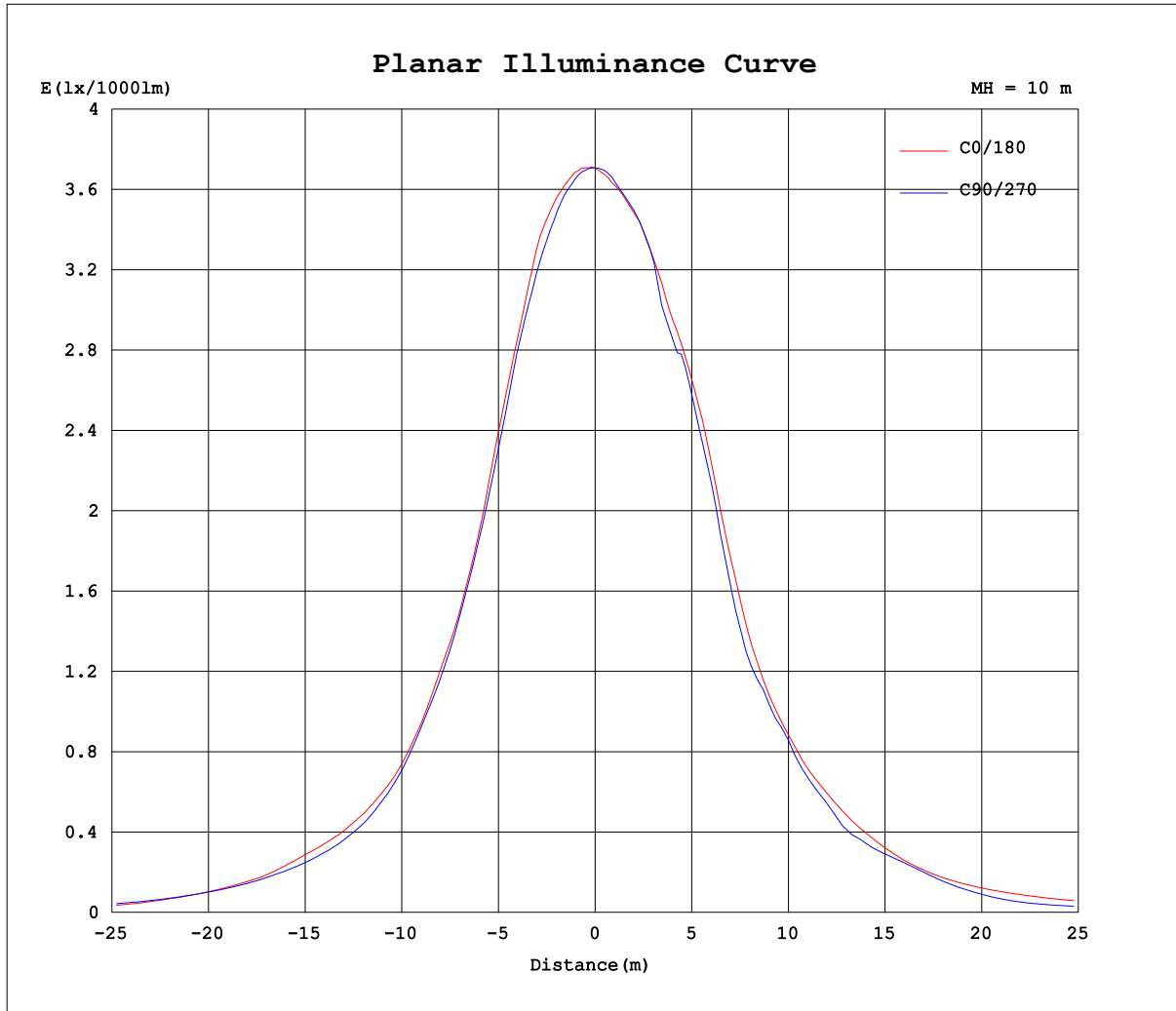
Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Shenzhen Sresky Co.,Ltd	SUR.:	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators: Kai
 Test Date: 2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity: 65.7%
 Test Distance: 26.000m [K=1.4966]
 Remarks:

Planar Illuminance Curve



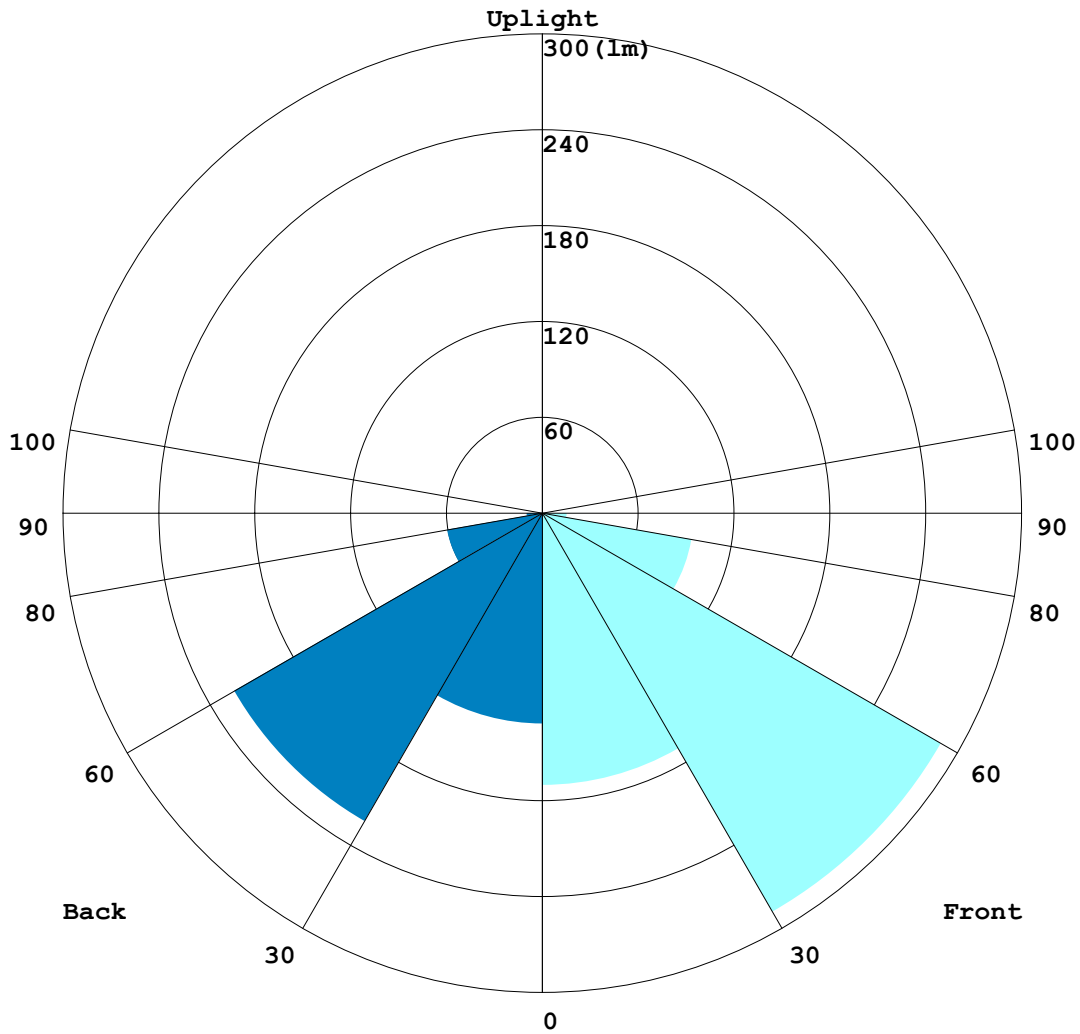
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.5DEG
Operators: Kai
Test Date: 2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.352
Humidity: 65.7%
Test Distance: 26.000m [K=1.4966]
Remarks:

LCS REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.:	SUR.:	Shielding Angle:N/A

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Kai
 Test Date:2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4966]
 Remarks:

BUG REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.:	SUR.:	Shielding Angle:N/A

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	170.22	17.0
FM - Front-Medium(30-60)	288.22	28.8
FH - Front-High(60-80)	94.924	9.5
FVH - Front-Very High(80-90)	15.389	1.5
Total Forward Light	572.85	57.3

BL - Back-Low(0-30)	131.8	13.2
BM - Back-Medium(30-60)	222.7	22.3
BH - Back-High(60-80)	60.432	6.0
BVH - Back-Very High(80-90)	9.7747	1.0
Total Back Light	427.15	42.7

UL - Uplight-Low(90-100)	6.0235	0.6
UH - Uplight-High(100-180)	0.51987	0.1
Total Up Light	6.5434	0.7

BUG(Back,Up,Glare) Rating	B1-U1-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	424.71	2.4402	427.15
Street Side	568.75	4.1032	572.85

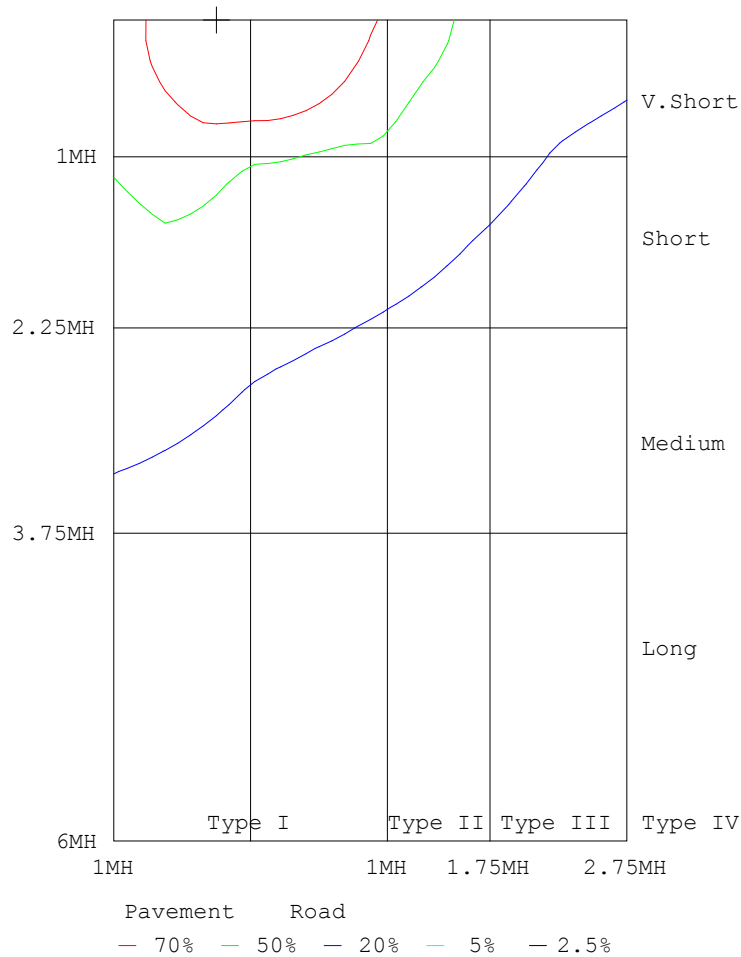
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Kai
 Test Date:2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4966]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.:	SUR.:	Shielding Angle:N/A

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Kai
 Test Date:2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4966]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.:	SUR.:	Shielding Angle:N/A

Table--1

UNIT: cd/klm

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	371	371	370	370	371	371	369	370	371	371	370	370	371	371	369	370			
5	374	372	374	373	371	370	369	368	367	368	369	370	370	372	371	372			
10	376	375	377	375	370	369	370	367	369	367	367	369	370	375	376	373			
15	379	377	378	374	366	366	370	369	372	366	366	358	371	376	376	373			
20	365	375	375	371	356	355	362	370	370	362	358	358	357	373	372	364			
25	343	356	357	345	332	334	350	368	372	355	347	343	365	361	364	345			
30	307	318	324	315	301	307	328	354	362	339	326	328	345	350	338	317			
35	272	281	283	279	269	277	290	310	322	306	295	301	297	303	298	271			
40	244	251	256	259	237	238	248	260	277	262	254	254	258	275	255	228			
45	209	226	238	242	200	201	214	223	250	224	212	227	243	253	221	194			
50	188	205	220	231	169	171	195	200	227	189	179	196	208	233	192	168			
55	172	186	199	209	150	154	181	179	198	161	146	174	173	206	173	148			
60	140	156	162	179	131	129	150	149	158	135	117	138	148	163	156	127			
65	102	101	117	146	104	96.5	97.9	98.1	128	105	70.6	73.7	78.6	128	135	98.0			
70	52.5	46.8	86.0	112	72.6	48.1	36.7	59.1	101	77.2	42.1	35.2	51.9	101	103	63.7			
75	38.0	33.6	61.1	77.2	48.8	33.4	27.9	36.6	71.7	53.6	29.9	27.4	34.9	74.8	69.7	43.1			
80	29.7	27.3	39.1	50.6	31.0	25.1	23.5	27.1	42.0	34.3	22.9	25.6	24.9	46.1	44.2	30.2			
85	23.4	21.4	25.0	30.8	23.1	20.1	19.7	20.2	19.9	23.7	17.1	19.8	19.4	27.8	30.4	22.4			
90	17.3	15.2	14.0	13.8	16.7	13.9	14.3	14.4	7.85	15.6	13.0	14.8	13.7	11.0	20.6	16.0			
95	9.43	7.70	4.09	0.93	0.92	0.10	3.55	3.44	2.82	2.68	3.33	0.57	1.22	2.06	5.81	8.75			
100	2.87	2.13	0.31	0.36	2.41	2.70	0.00	0.30	0.21	0.56	0.09	2.30	1.55	0.25	0.34	2.19			
105	0.04	0.00	0.00	0.13	0.39	0.18	0.04	0.00	0.21	0.09	0.09	0.13	0.13	0.09	0.09	0.08			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.09	0.09	0.09	0.13	0.09	0.09	0.08			
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.09	0.09	0.09	0.13	0.09	0.09	0.08			
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.09	0.09	0.09	0.13	0.09	0.09	0.08			
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.09	0.09	0.09	0.13	0.09	0.09	0.08			
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.09	0.09	0.09	0.13	0.09	0.09	0.08			
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.09	0.09	0.09	0.13	0.08	0.09	0.08			
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.09	0.09	0.09	0.13	0.04	0.09	0.08			
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.09	0.09	0.09	0.13	0.04	0.04	0.08			
150	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.26	0.09	0.09	0.09	0.13	0.04	0.04	0.08			
155	0.04	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.26	0.09	0.09	0.09	0.13	0.04	0.04	0.08			
160	0.05	0.04	0.00	0.04	0.04	0.00	0.00	0.00	0.26	0.09	0.09	0.09	0.13	0.04	0.04	0.08			
165	0.06	0.06	0.04	0.05	0.04	0.00	0.00	0.04	0.26	0.09	0.09	0.09	0.13	0.04	0.04	0.08			
170	0.07	0.07	0.04	0.07	0.04	0.00	0.04	0.04	0.26	0.09	0.09	0.04	0.15	0.04	0.04	0.08			
175	0.08	0.08	0.04	0.08	0.04	0.04	0.09	0.04	0.26	0.09	0.09	0.04	0.10	0.04	0.04	0.08			
180	0.09	0.09	0.04	0.09	0.04	0.04	0.09	0.04	0.26	0.09	0.09	0.04	0.08	0.04	0.04	0.08			

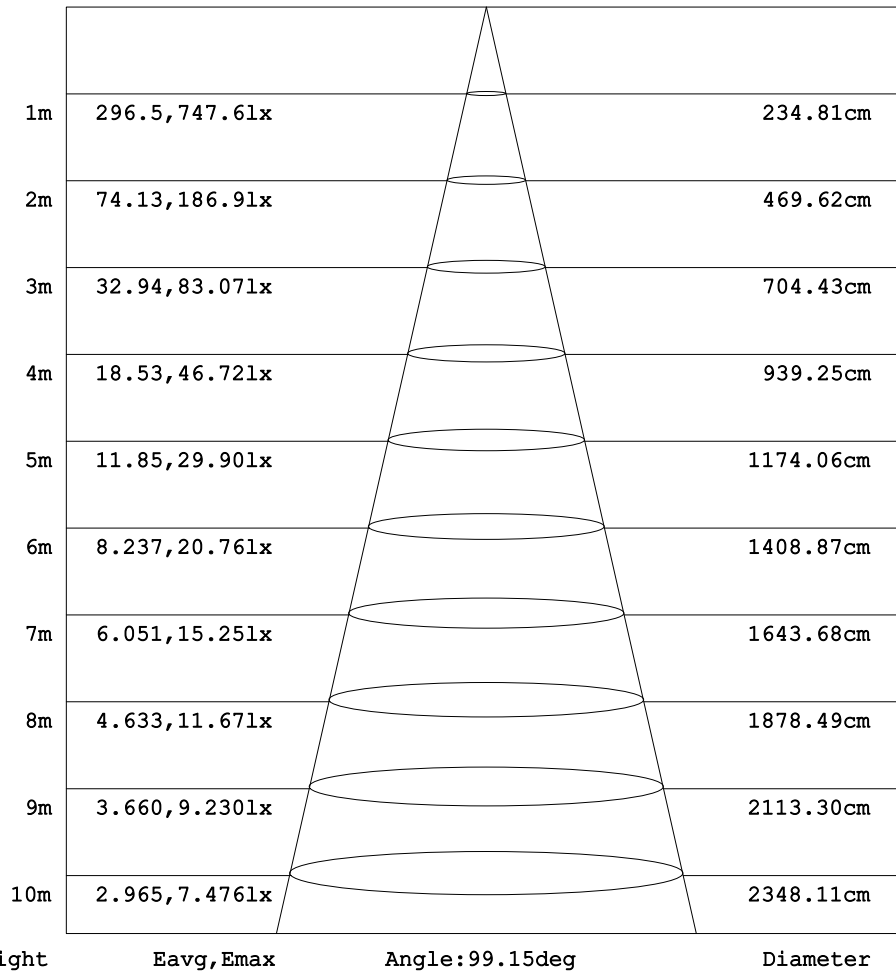
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Kai
 Test Date:2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4966]
 Remarks:

AAI Figure

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:2014.29x1 lm		
NAME:	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.:	SUR.:	Shielding Angle:N/A

Flux out:1323 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Kai
 Test Date:2017-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4966]
 Remarks: