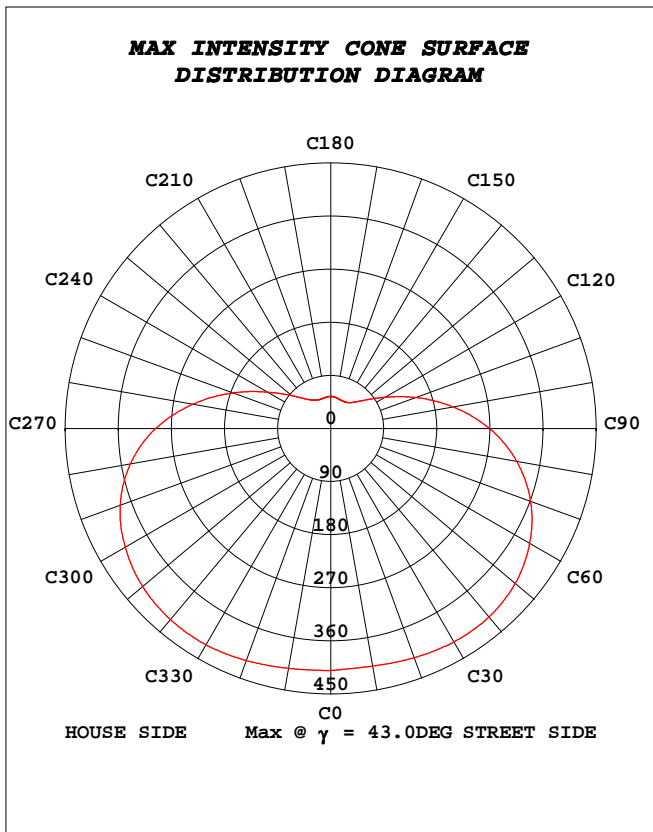
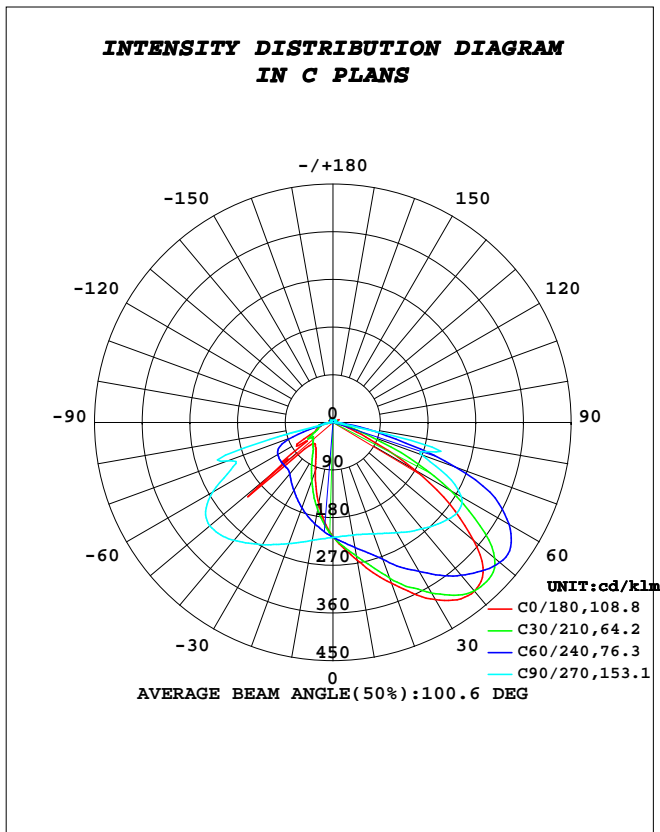


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0HZ		Lamp Flux:4074.21x1 lm	
NAME: LED	TYPE:LED		
MFR.:	DIM.:		
	SUR.:		

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SSL-34M	I _{max} (cd/klm)	423.3	η street_up(%)	1.7
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	51.8
RATED VOLTAGE(V)		TOTAL FLUX(lm/klm)	1000	η house_up(%)	1.9
NOMINAL FLUX(lm)	4074.21	MAXIMUM @(C,γ)	330,43.0	η house_down(%)	44.6
LAMPS INSIDE	1	η up(%)	3.6	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	96.4	SLI	

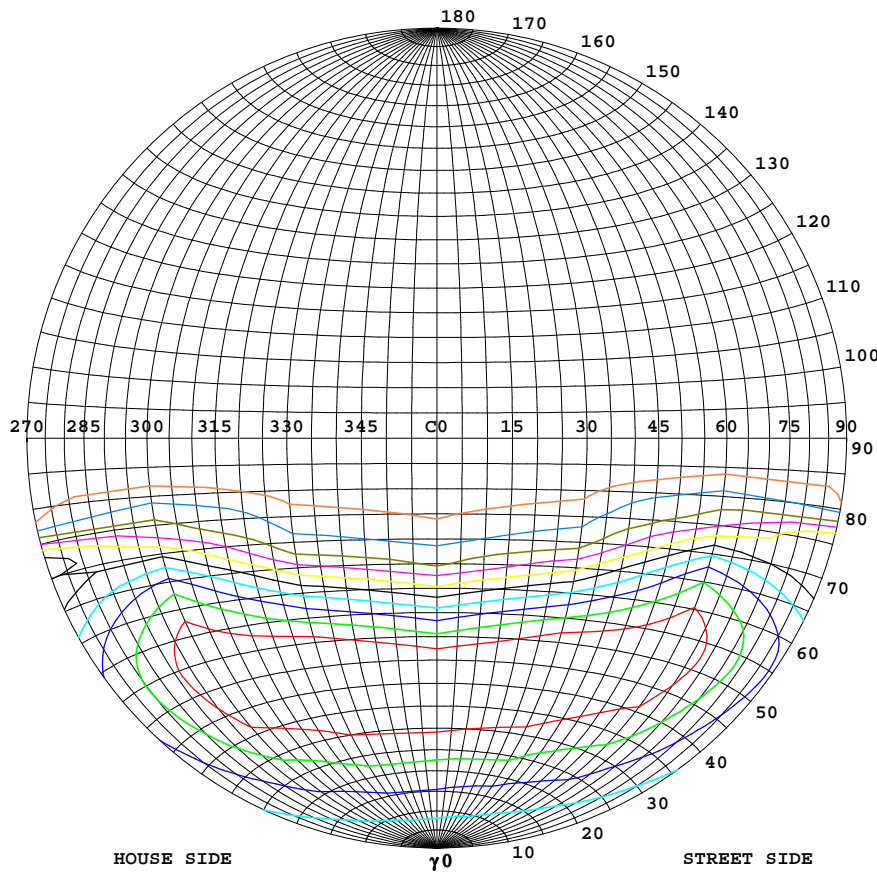


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:0V I:0A P:0W PF:0 Freq:0HZ		Lamp Flux:4074.21x1 lm
NAME: LED	TYPE:LED	
MFR.:	DIM.:	
	SUR.:	



Classification:

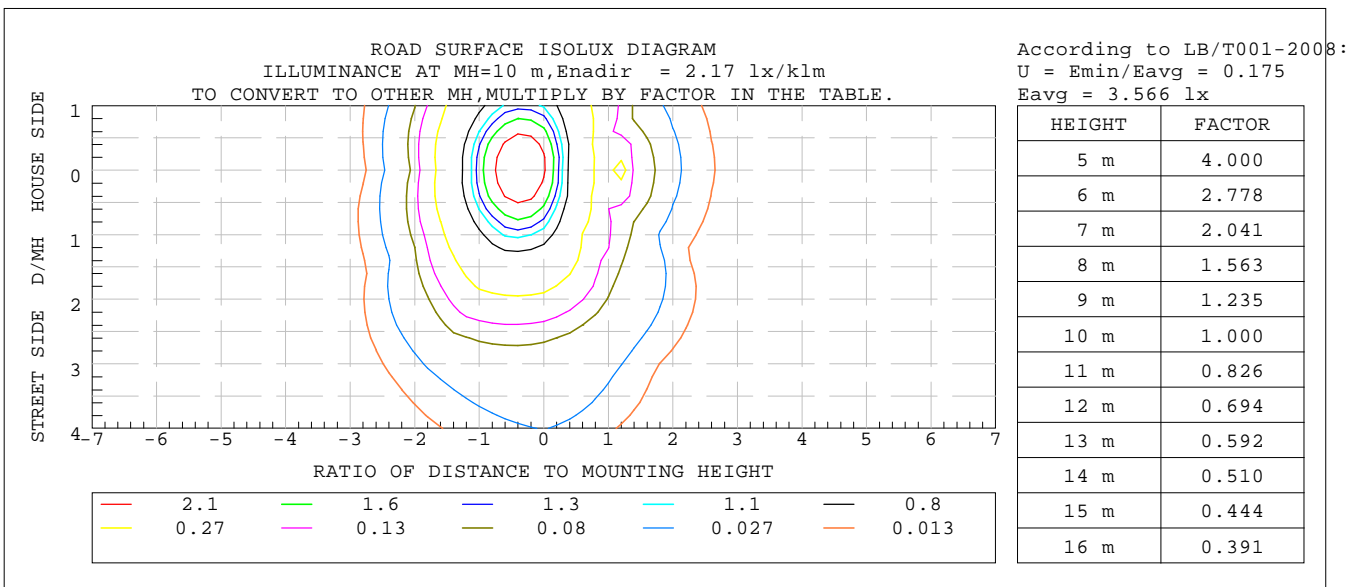
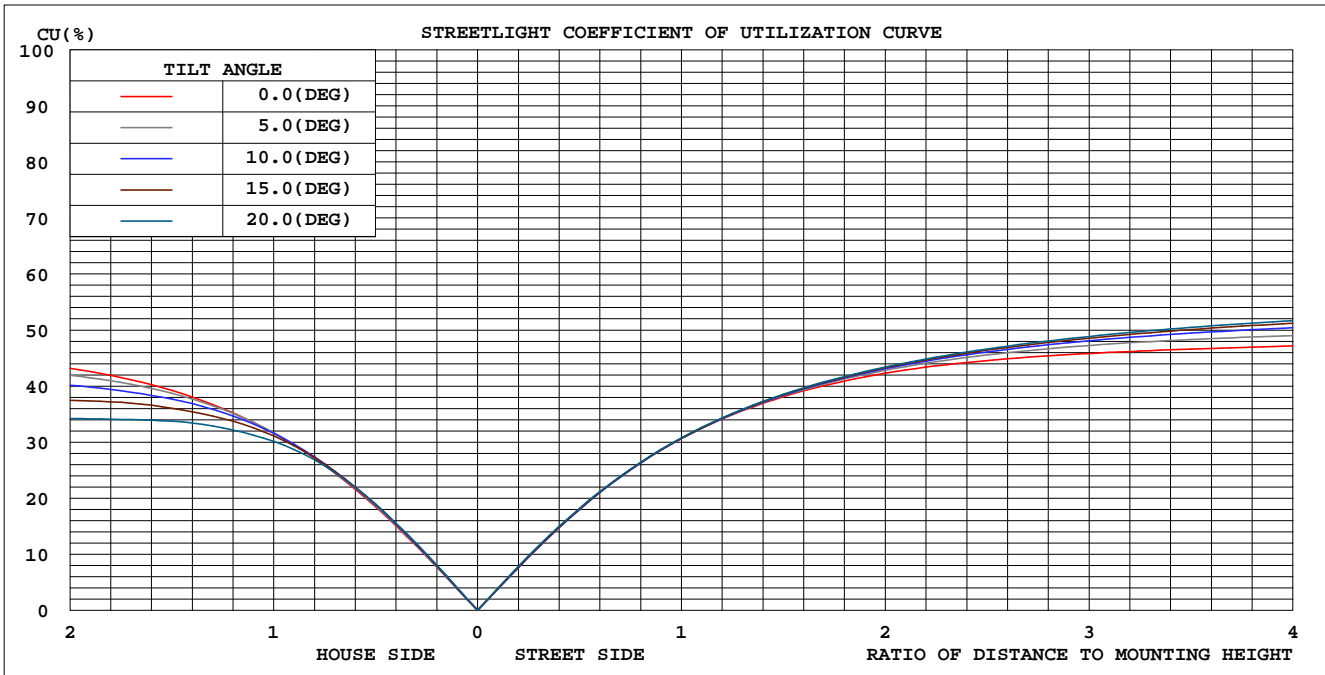
IES:Type III - Very Short
 CIE:Broad - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:51.77cd/klm
 Max.At90:6.828cd/klm
 Max.80-90:51.77cd/klm
 NRB 5101:Limited[2.8%]

ISOCANDELA DIAGRAM	
UNIT	cd/klm
I _{max} =100%	423
90%	381
80%	339
70%	296
60%	254
50%	212
40%	169
30%	127
20%	85
10%	42
5%	21

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-03-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:0V I:0A P:0W PF:0 Freq:0HZ		Lamp Flux:4074.21x1 lm	
NAME: LED	TYPE:LED		
MFR.:	DIM.:		
	SUR.:		

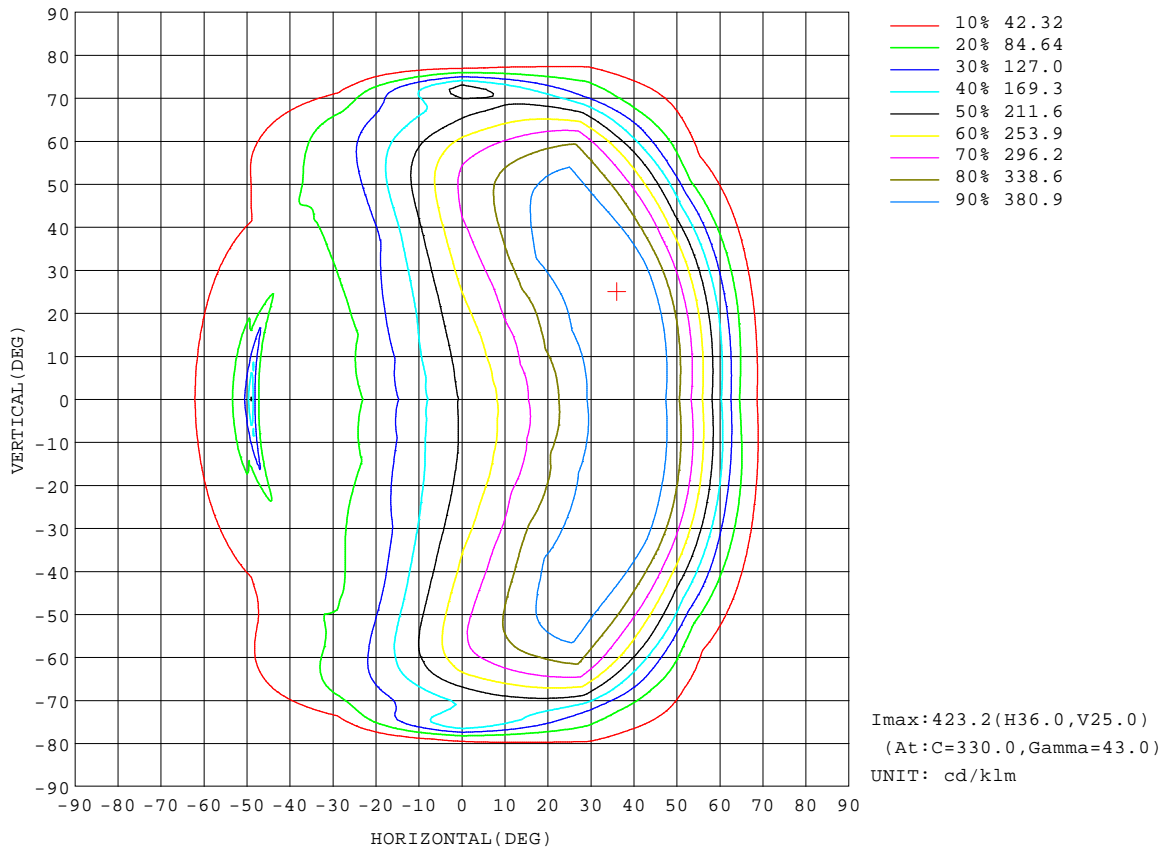
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	263.8	248.0	216.0	177.6	156.0	181.1	226.1	255.5	0- 10	20.60	20.60	2.06,2.06
20	323.3	293.8	224.0	137.9	97.86	144.8	243.5	309.4	10- 20	61.81	82.41	8.24,8.24
30	385.8	348.4	240.3	106.3	64.70	113.6	266.5	363.2	20- 30	105.7	188.1	18.8,18.8
40	415.9	395.8	261.9	84.60	52.87	92.88	290.7	407.3	30- 40	152.6	340.7	34.1,34.1
50	346.7	405.1	284.3	70.93	148.0	85.97	303.7	402.4	40- 50	194.6	535.3	53.5,53.5
60	174.9	319.6	279.9	70.96	63.65	82.04	262.1	304.3	50- 60	201.9	737.2	73.7,73.7
70	31.45	156.6	177.2	59.61	28.31	54.38	212.9	128.0	60- 70	146.8	884.0	88.4,88.4
80	11.82	34.70	35.79	20.33	10.55	24.01	18.20	24.19	70- 80	66.95	951.0	95.1,95.1
90	3.896	5.742	5.559	5.666	4.891	5.548	5.160	6.218	80- 90	13.32	964.3	96.4,96.4
100	4.112	4.925	4.673	5.204	5.247	5.443	4.820	5.152	90-100	5.856	970.2	97,97
110	3.884	4.060	4.642	6.011	6.563	6.196	4.662	4.368	100-110	5.187	975.4	97.5,97.5
120	4.581	4.110	5.001	6.865	7.778	7.003	4.870	4.373	110-120	5.859	981.2	98.1,98.1
130	3.442	4.006	5.173	7.220	7.680	7.360	5.186	4.341	120-130	5.011	986.2	98.6,98.6
140	3.880	4.566	5.526	7.507	7.575	7.521	5.460	4.834	130-140	4.442	990.7	99.1,99.1
150	5.140	5.151	5.825	7.662	9.348	7.512	5.824	5.322	140-150	3.917	994.6	99.5,99.5
160	5.697	5.465	6.241	7.181	7.684	7.155	6.183	5.543	150-160	2.955	997.5	99.8,99.8
170	6.207	5.976	6.482	7.009	7.416	7.008	6.419	5.953	160-170	1.827	999.4	99.9,99.9
180	6.865	6.524	6.499	6.470	6.869	6.519	6.495	6.479	170-180	0.6269	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

ISOCANDELA DIAGRAM

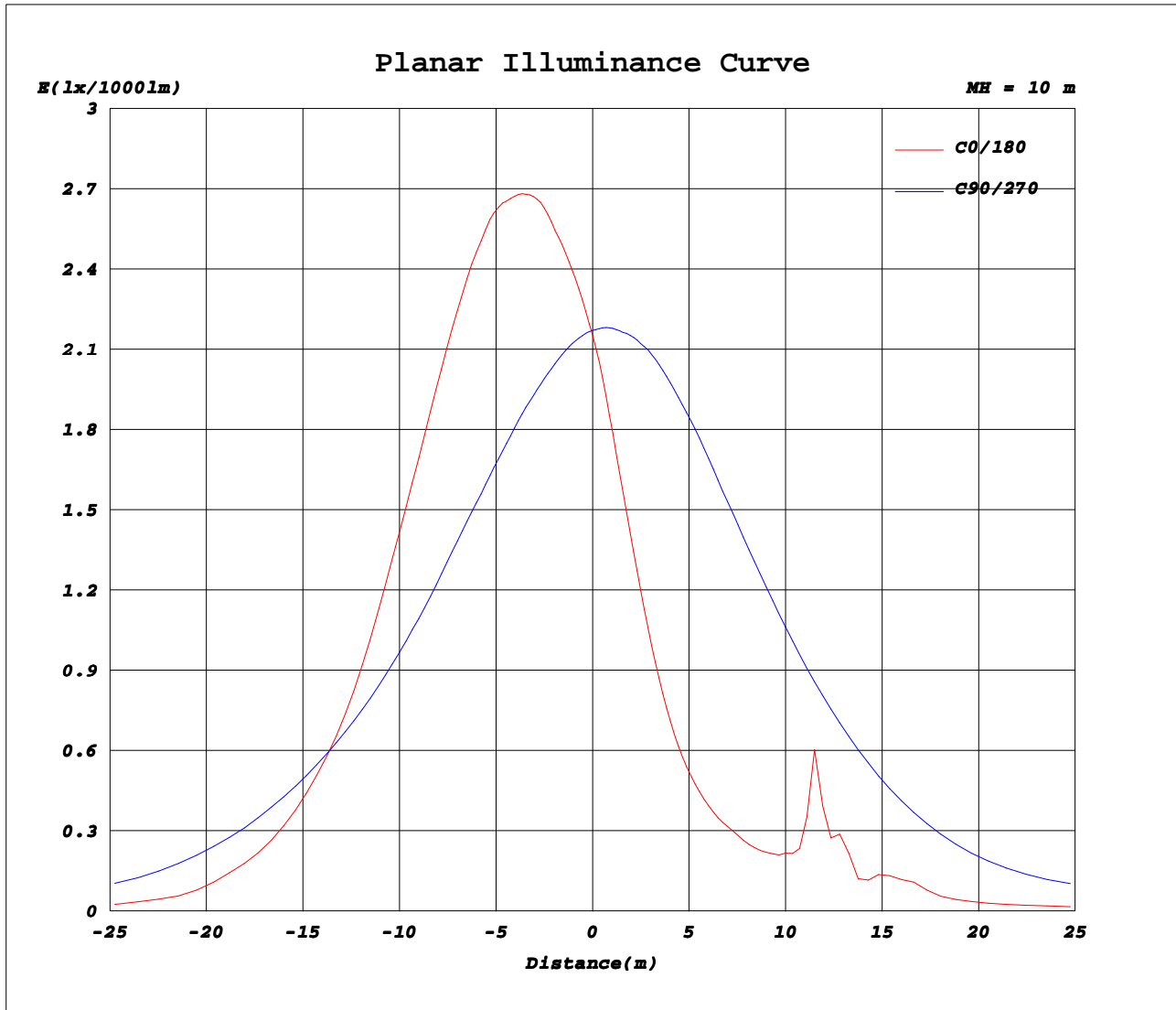
Test:U:0V I:0A P:0W PF:0 Freq:0HZ		Lamp Flux:4074.21x1 lm
NAME: LED	TYPE:LED	
MFR.:	DIM.:	
	SUR.:	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

Planar Illuminance Curve



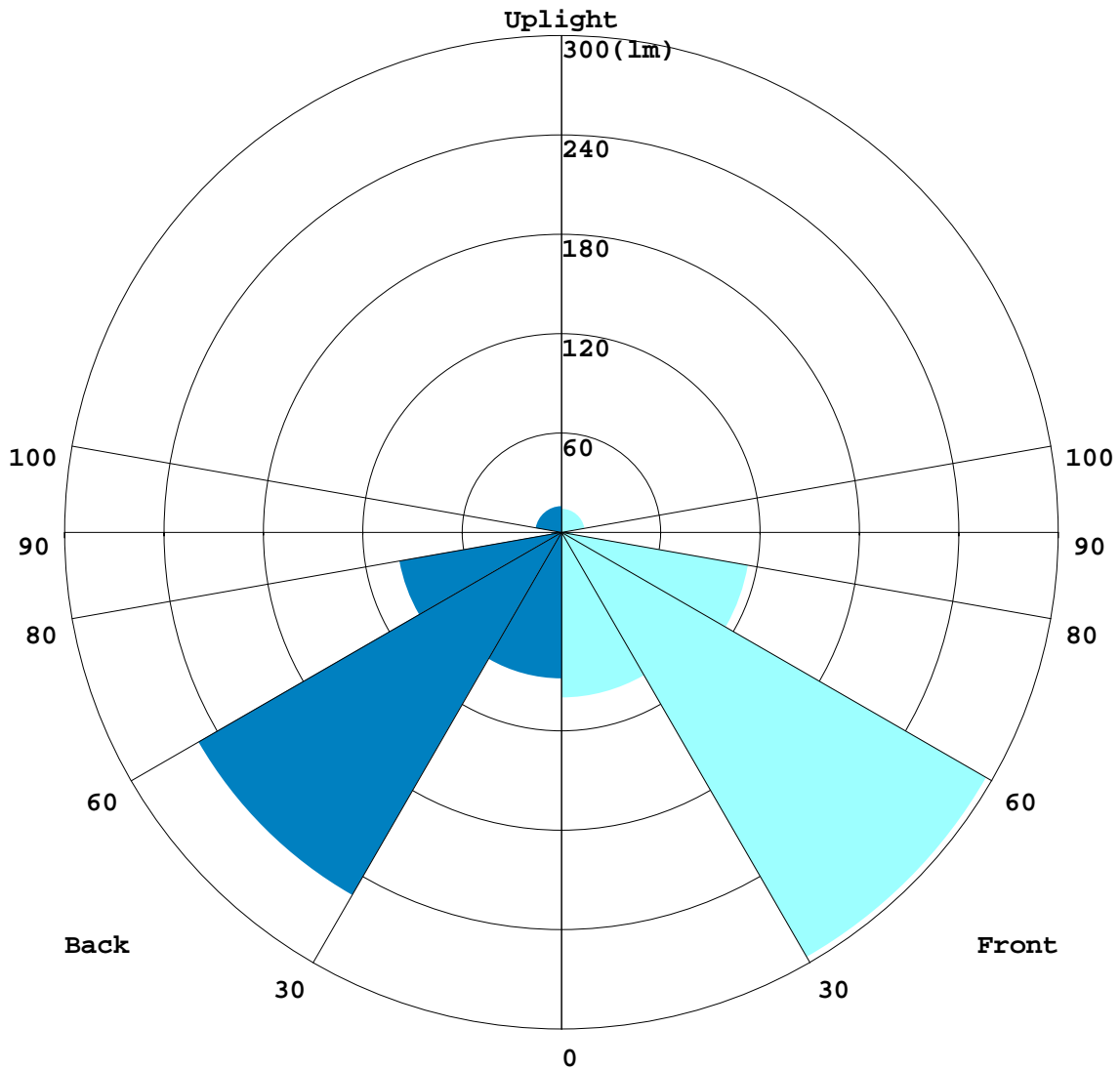
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-03-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

LCS REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0HZ		Lamp Flux:4074.21x1 lm
NAME: LED	TYPE:LED	
MFR.:	DIM.:	
	SUR.:	

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

BUG REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0HZ		Lamp Flux:4074.2lx1 lm
NAME: LED	TYPE:LED	
MFR.:	DIM.:	
	SUR.:	

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	99.801	10.0
FM - Front-Medium(30-60)	296.17	29.6
FH - Front-High(60-80)	114.5	11.4
FVH - Front-Very High(80-90)	7.3608	0.7
Total Forward Light	534.85	53.5

BL - Back-Low(0-30)	88.279	8.8
BM - Back-Medium(30-60)	252.99	25.3
BH - Back-High(60-80)	99.259	9.9
BVH - Back-Very High(80-90)	5.963	0.6
Total Back Light	465.15	46.5

UL - Uplight-Low(90-100)	5.8558	0.6
UH - Uplight-High(100-180)	29.825	3.0
Total Up Light	35.681	3.6

BUG(Back,Up,Glare) Rating	B1-U2-G0
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	446.49	18.663	465.15
Street Side	517.83	17.018	534.85

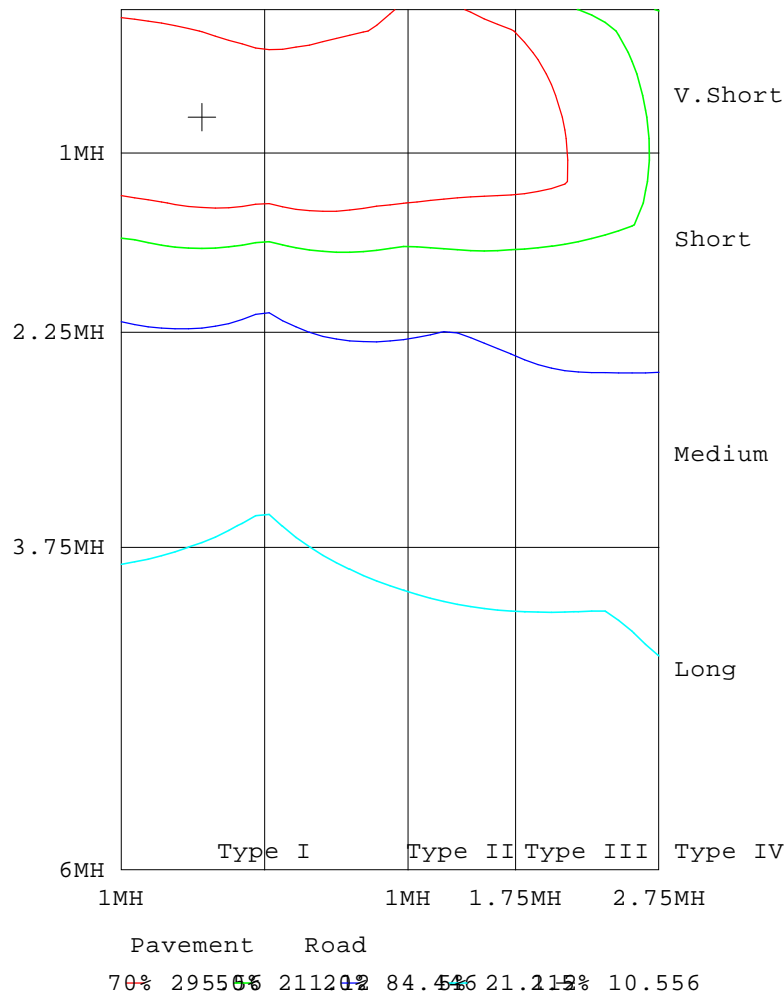
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0HZ		Lamp Flux:4074.21x1 lm
NAME: LED	TYPE:LED	
MFR.:	DIM.:	
	SUR.:	

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0 Freq:0HZ				Lamp Flux:4074.21x1 lm			
NAME: LED				TYPE:LED			
MFR.:				DIM.:			
				SUR.:			

Table--1

UNIT: cd/klm

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	215	216	216	217	217	217	215	216	216	217	217	217							
5	239	236	227	216	203	193	188	193	206	221	232	239							
10	264	256	240	216	189	166	156	167	195	226	248	263							
15	294	281	255	219	175	139	125	142	184	234	268	291							
20	323	313	275	224	162	114	97.9	118	172	244	293	326							
25	356	344	302	231	150	92.2	77.4	96.3	160	254	318	354							
30	386	372	325	240	136	76.4	64.7	79.0	148	267	345	381							
35	409	398	352	252	124	65.6	57.6	65.5	137	278	374	406							
40	416	415	377	262	113	56.5	52.9	58.7	127	291	393	421							
45	401	417	396	274	102	50.1	61.3	53.8	123	300	406	421							
50	347	399	411	284	96.4	45.4	148	49.2	123	304	411	394							
55	269	339	410	290	95.5	44.1	62.0	49.7	123	294	397	324							
60	175	256	384	280	97.5	44.4	63.6	43.4	121	262	366	243							
65	76.8	160	338	237	100	28.6	34.1	32.9	112	214	307	140							
70	31.4	67.1	246	177	94.2	25.0	28.3	28.2	80.5	213	201	55.4							
75	19.4	31.5	123	211	51.0	22.4	23.7	26.9	26.4	124	94.7	27.4							
80	11.8	17.6	51.8	35.8	18.8	21.8	10.5	25.0	23.0	18.2	32.1	16.3							
85	7.12	10.4	17.4	16.3	12.2	13.9	6.73	9.85	8.22	10.6	12.9	10.0							
90	3.90	5.23	6.25	5.56	5.55	5.78	4.89	5.98	5.11	5.16	6.83	5.61							
95	4.09	4.49	5.87	4.17	5.42	6.13	5.12	5.83	5.85	5.79	6.28	5.54							
100	4.11	4.95	4.90	4.67	4.96	5.45	5.25	5.80	5.09	4.82	5.07	5.23							
105	3.52	4.26	4.19	4.25	5.27	5.82	5.55	6.17	5.51	4.42	4.50	4.68							
110	3.88	3.96	4.16	4.64	5.71	6.32	6.56	6.54	5.85	4.66	4.19	4.54							
115	9.63	7.70	3.99	4.90	6.15	7.02	7.46	7.38	6.22	4.74	4.09	7.30							
120	4.58	4.27	3.95	5.00	6.42	7.31	7.78	7.49	6.51	4.87	4.10	4.65							
125	3.80	3.76	4.11	5.06	6.63	7.67	8.07	7.86	6.70	5.03	4.26	4.29							
130	3.44	3.67	4.34	5.17	6.80	7.64	7.68	7.89	6.83	5.19	4.52	4.16							
135	3.54	3.87	4.56	5.36	6.93	7.72	7.47	7.92	6.90	5.33	4.71	4.39							
140	3.88	4.27	4.86	5.53	7.08	7.93	7.57	8.00	7.05	5.46	5.01	4.65							
145	4.46	4.83	5.03	5.67	7.17	8.51	8.20	8.37	6.98	5.64	5.18	5.14							
150	5.14	5.17	5.13	5.82	6.88	8.45	9.35	8.25	6.78	5.82	5.26	5.39							
155	5.48	5.32	5.29	5.99	6.90	7.79	8.18	7.68	6.89	6.02	5.52	5.46							
160	5.70	5.44	5.49	6.24	6.93	7.43	7.68	7.43	6.88	6.18	5.60	5.49							
165	5.92	5.63	5.75	6.38	6.97	7.26	7.53	7.32	6.91	6.32	5.82	5.62							
170	6.21	5.92	6.03	6.48	6.92	7.10	7.42	7.18	6.84	6.42	6.03	5.87							
175	6.51	6.27	6.27	6.53	6.75	6.86	7.24	6.96	6.70	6.48	6.28	6.18							
180	6.87	6.59	6.46	6.50	6.47	6.47	6.87	6.58	6.45	6.50	6.49	6.47							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: