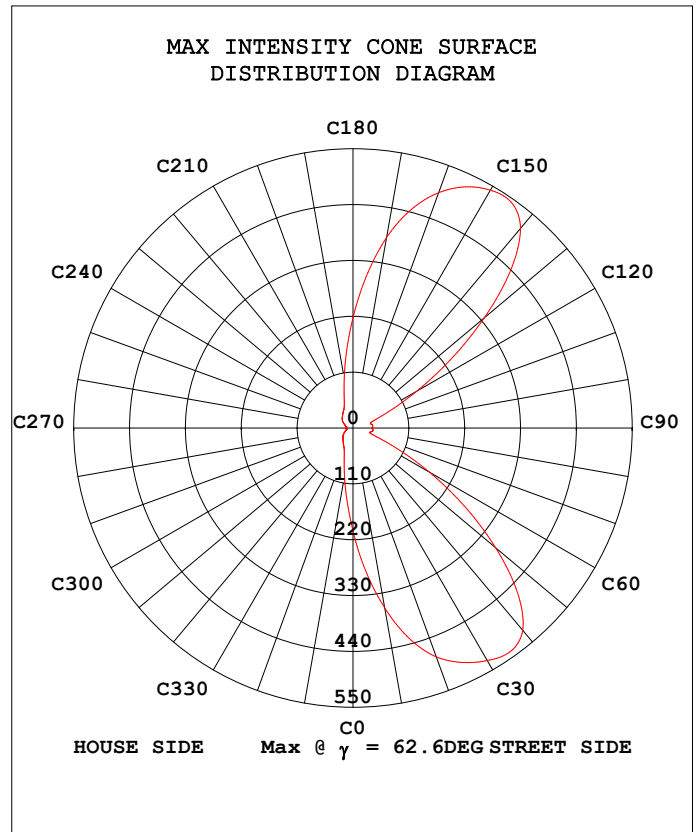
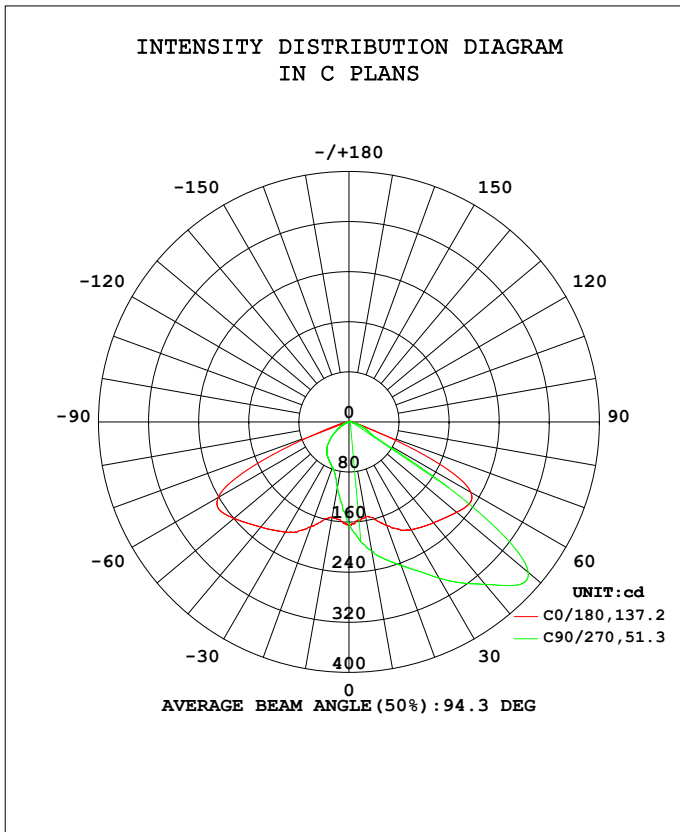


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:2.7V I:1.852A P:5.0W PF:0.987 Freq:49.99Hz		
UTHDi:0.25% ITHDi:5.94% Lamp Flux:774.843x1 lm		
NAME: SL30-005-4070-R01207-SA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 154.97 lm/W			
MODEL	SE303	I _{max} (cd)	540.7	η street_up (%)	0.0
NOMINAL POWER (W)	100	LOR (%)	100.0	η street_down (%)	79.1
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	774.8	η house_up (%)	0.0
NOMINAL FLUX (lm)	774.843	MAXIMUM @ (C, γ)	150,62.6	η house_down (%)	20.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	



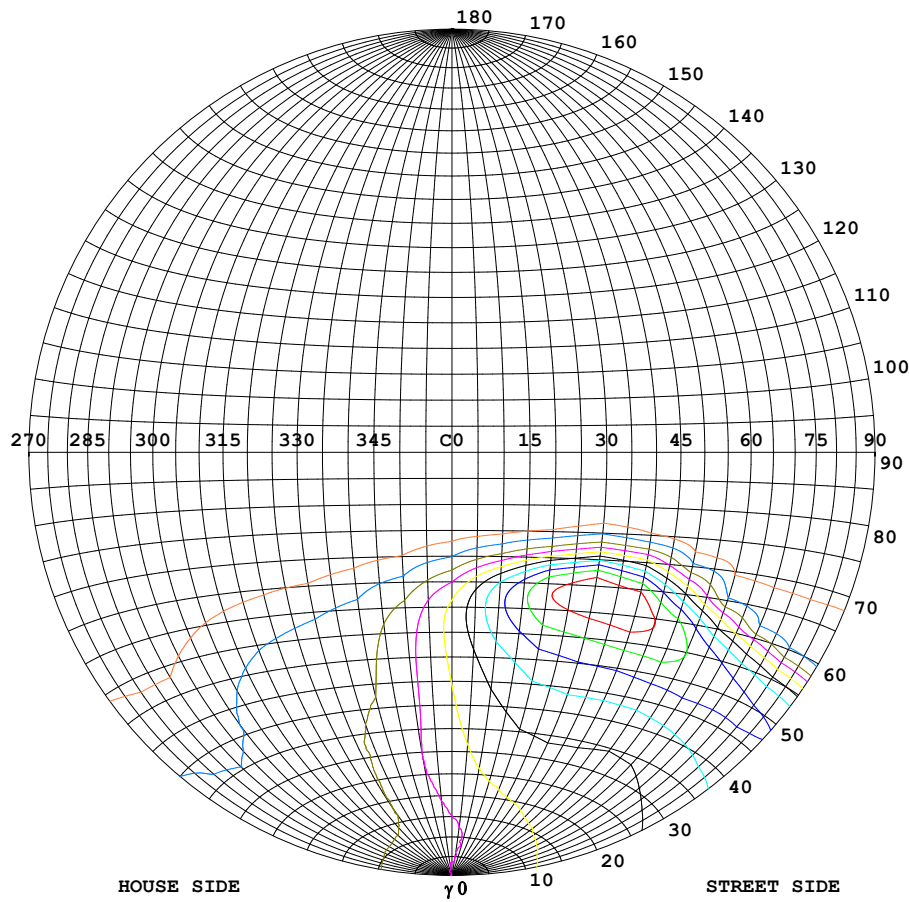
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

IES:Type II - Short
 CIE:Average - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:11.33cd/klm
 Max.At90:0cd/klm
 Max.80-90:11.33cd/klm
 NRB 5101:Limited[3.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	541
90%	487
80%	433
70%	378
60%	324
50%	270
40%	216
30%	162
20%	108
10%	54
5%	27

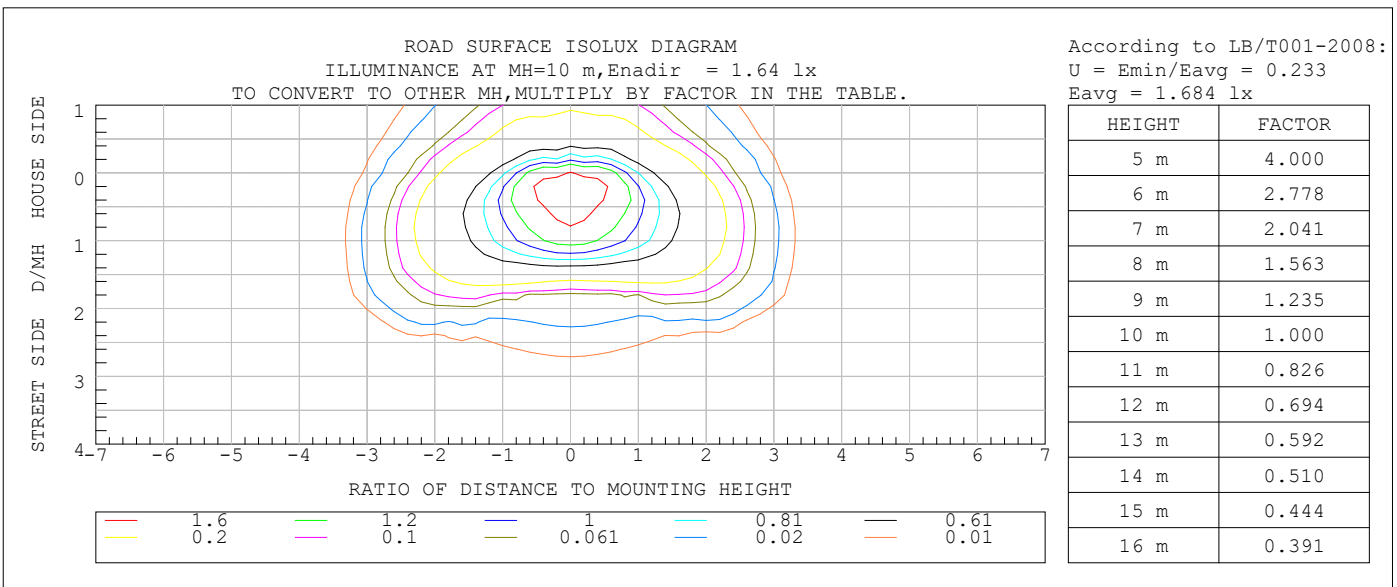
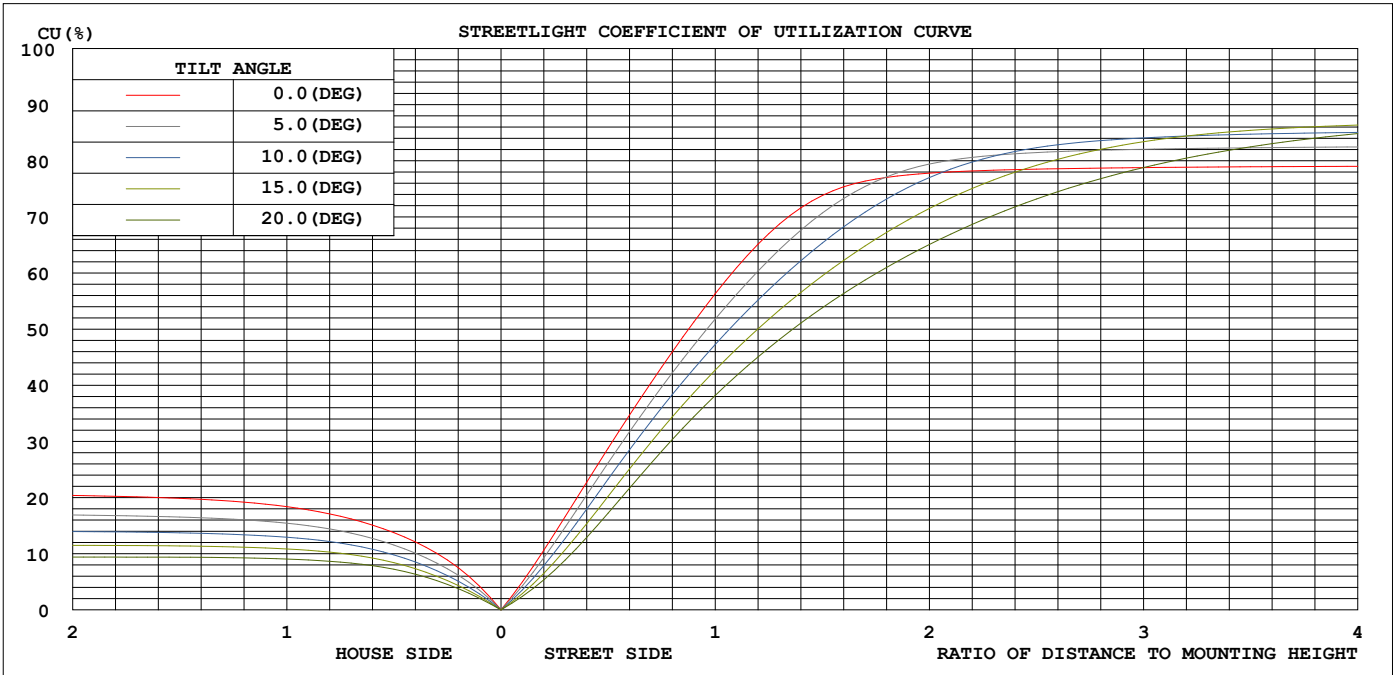
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LI
Test Date: 2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

Checker: LI

Assessor:

ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	153.7	193.0	209.0	193.0	155.3	119.2	106.5	116.5	0- 10	15.12	15.12	1.95,1.95
20	175.6	227.8	243.8	228.6	178.1	88.85	77.02	82.15	10- 20	44.67	59.80	7.72,7.72
30	198.8	254.7	288.1	255.9	203.0	85.06	66.48	79.24	20- 30	78.64	138.4	17.9,17.9
40	210.2	301.8	338.7	304.9	219.1	80.42	54.13	76.77	30- 40	117.0	255.5	33,33
50	224.5	392.0	373.7	400.2	239.6	64.50	34.95	63.46	40- 50	163.0	418.4	54,54
60	224.7	483.7	48.41	475.5	240.9	37.36	17.11	35.19	50- 60	194.6	613.1	79.1,79.1
70	52.32	155.0	23.43	128.4	58.30	15.98	7.436	15.63	60- 70	136.4	749.5	96.7,96.7
80	5.143	7.928	6.095	7.115	4.994	2.049	0.3856	1.999	70- 80	23.97	773.5	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	1.372	774.8	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		

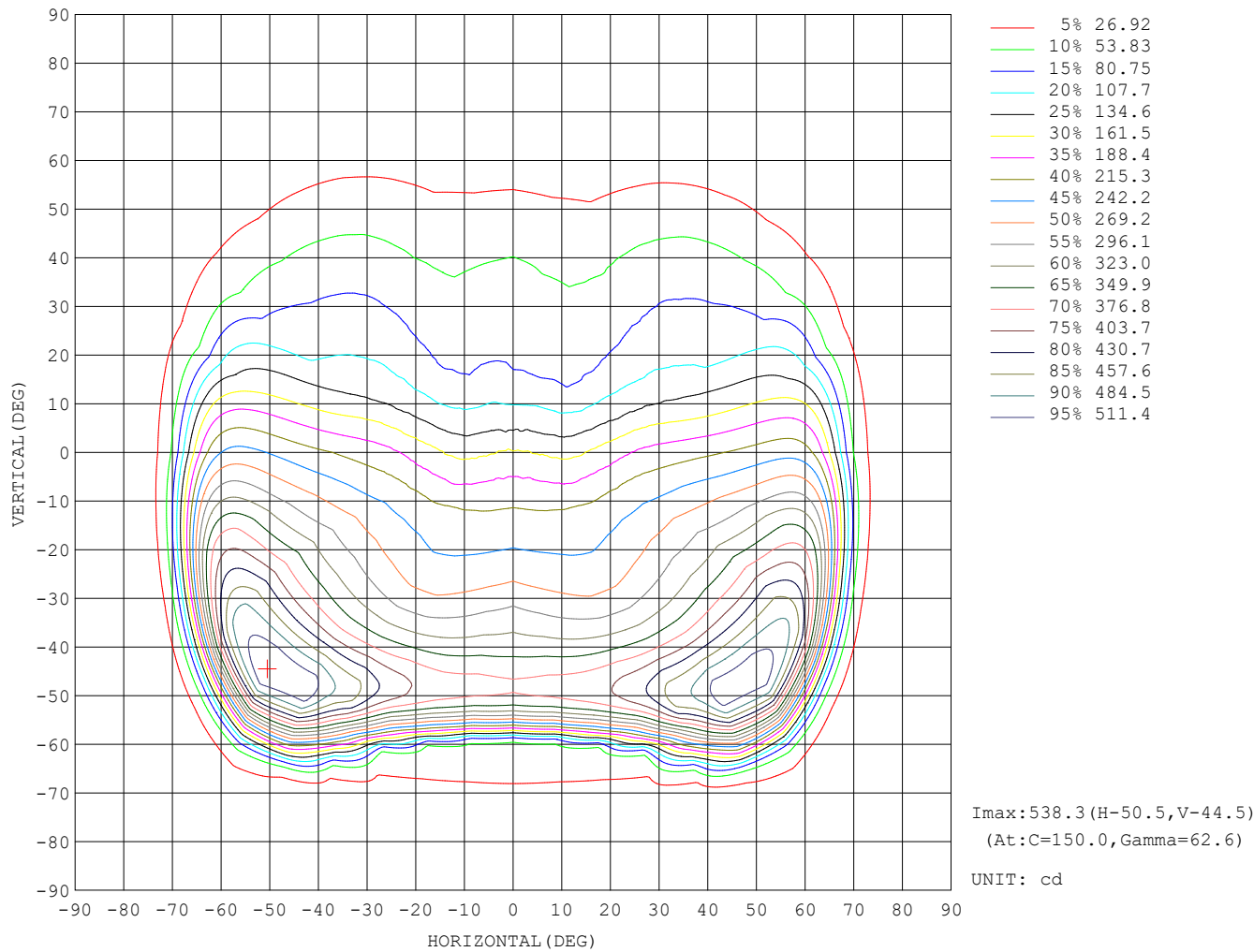
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

ISOCANDELA DIAGRAM



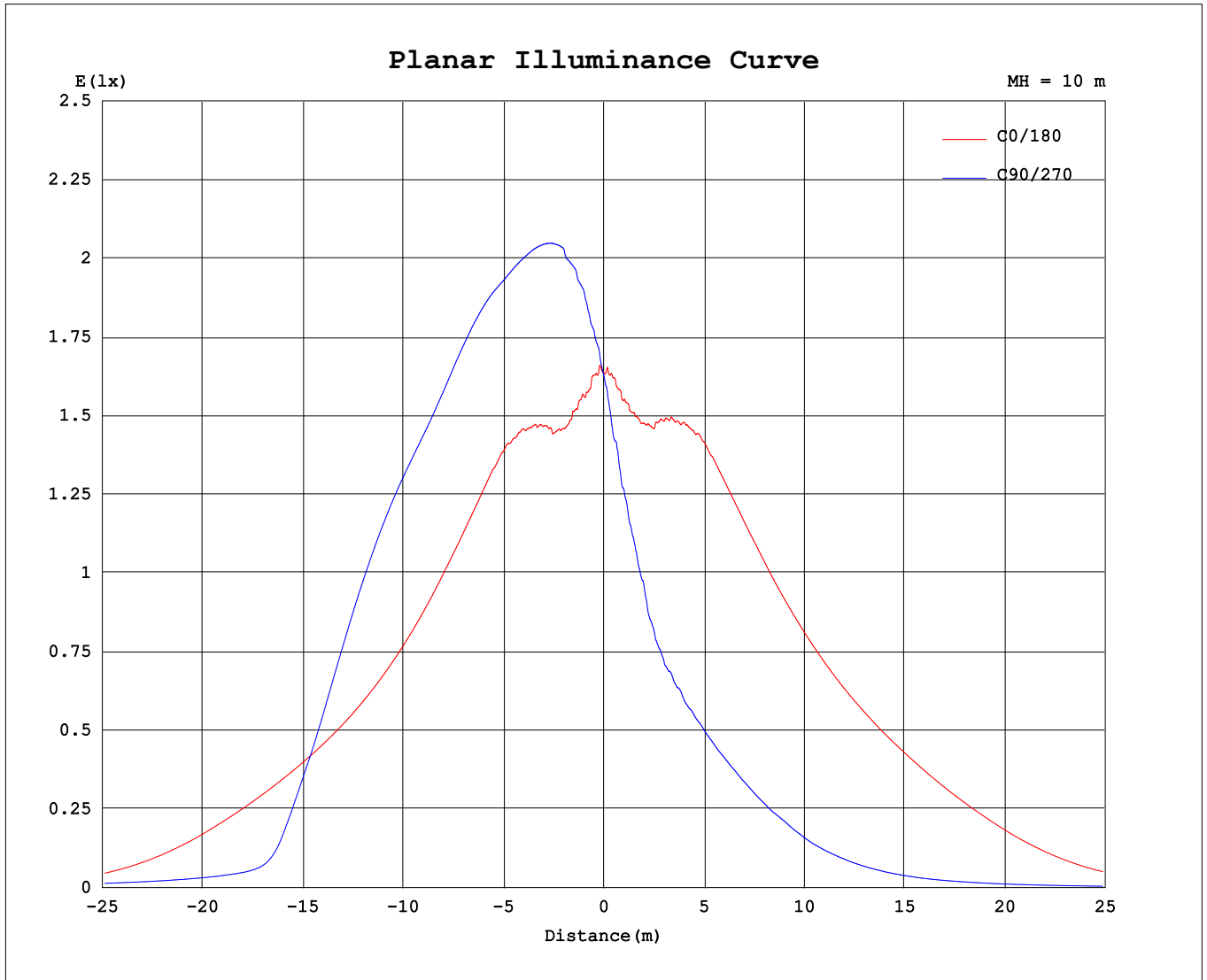
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operator: LI
Test Date: 2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

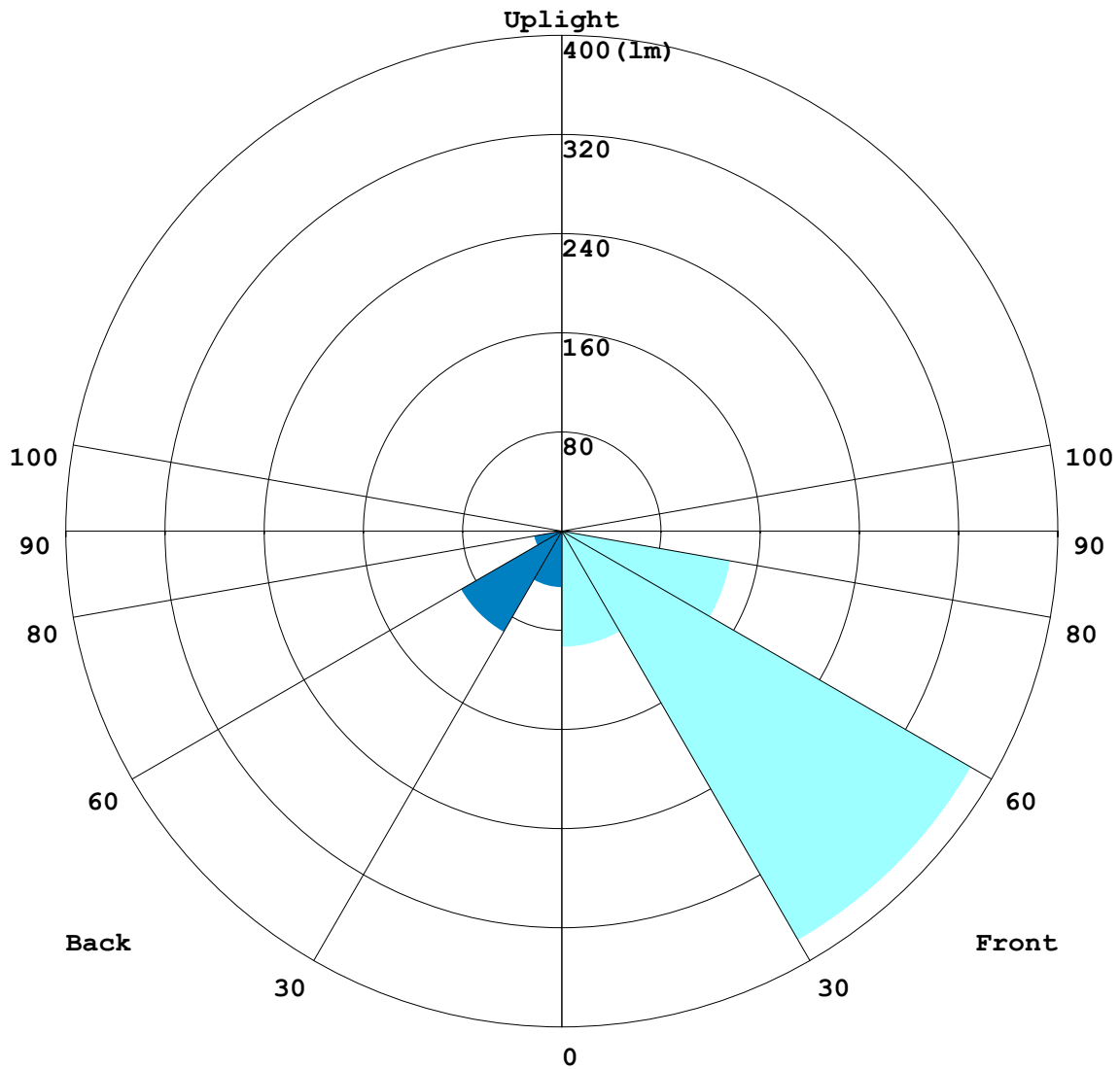
Checker: LI

Assessor:

LCS REPORT

Test:U:2.7V I:1.852A P:5.0W PF:0.987 Freq:49.99Hz UTHDi:0.25% ITHDi:5.94% Lamp Flux:774.843x1 lm		
NAME: SL30-005-4070-R01207-SA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

Checker: LI

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

Assessor:

BUG REPORT

Test:U:2.7V I:1.852A P:5.0W PF:0.987 Freq:49.99Hz UTHDi:0.25% ITHDi:5.94% Lamp Flux:774.843x1 lm		
NAME: SL30-005-4070-R01207-SA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	93.27	12.0
FM - Front-Medium(30-60)	380.81	49.1
FH - Front-High(60-80)	137.79	17.8
FVH - Front-Very High(80-90)	1.1028	0.1
Total Forward Light	612.97	79.1

BL - Back-Low(0-30)	45.171	5.8
BM - Back-Medium(30-60)	93.816	12.1
BH - Back-High(60-80)	22.616	2.9
BVH - Back-Very High(80-90)	0.26888	0.0
Total Back Light	161.87	20.9

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	B0-U0-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	161.87	0	161.87
Street Side	612.97	0	612.97

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

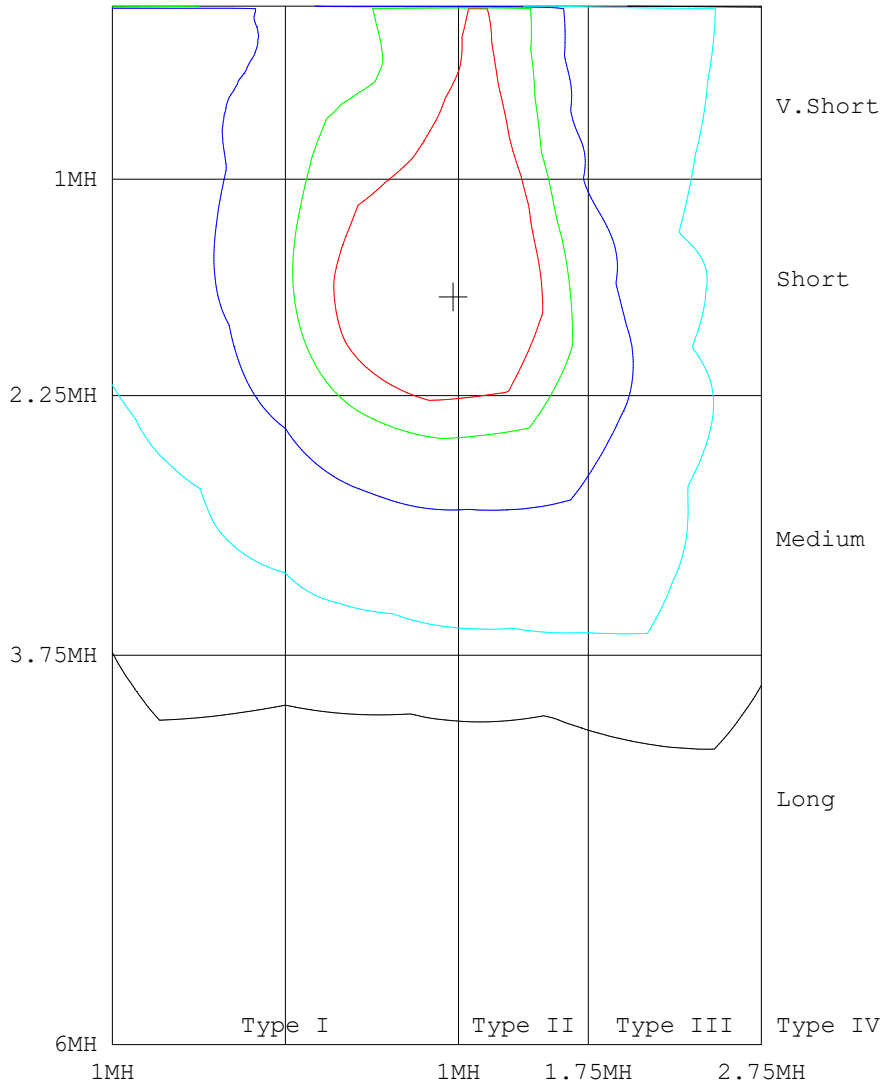
Checker: LI

Assessor:

ROAD ISOCANDELA REPORT

Test:U:2.7V I:1.852A P:5.0W PF:0.987 Freq:49.99Hz UTHDi:0.25% ITHDi:5.94% Lamp Flux:774.843x1 lm		
NAME: SL30-005-4070-R01207-SA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG C Interval: 10.0DEG Test Speed: HIGH Temperature: 25.3°C Operators: LI Test Date: 2020-04-01 Checker: LI	Pavement: 70% 377.1 Road Loss: 50% 209.36 Range: 107.74 90DEG Interval: 0.1DEG Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426 Humidity: 65.0% Test Distance: 26.000m [K=0.4589] Remarks: Assessor:
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LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163
5	159	165	169	174	177	182	183	184	188	188	188	184	184	182	177	174	169	165	159
10	154	163	171	181	189	196	201	205	209	209	209	205	201	196	189	181	171	163	155
15	161	175	187	196	207	214	220	224	226	227	226	223	220	215	208	197	187	176	163
20	175	192	207	218	226	229	233	237	240	244	240	237	233	230	227	219	209	193	178
25	189	211	228	238	240	240	244	251	256	263	257	251	244	240	241	239	230	214	193
30	199	226	247	255	255	253	256	267	278	288	279	268	257	254	257	257	249	229	203
35	204	240	267	277	275	272	277	291	304	313	306	293	279	274	277	279	271	245	211
40	210	257	290	303	301	301	310	322	333	338	335	324	312	304	304	306	297	264	219
45	217	276	318	333	334	341	353	361	368	369	370	362	357	346	339	338	328	286	229
50	224	301	356	375	382	399	401	392	381	374	381	391	403	407	390	383	369	315	239
55	232	335	407	432	453	459	407	344	288	264	281	335	399	463	468	445	425	354	249
60	225	363	464	502	520	449	282	152	61.7	49.4	58.9	133	262	426	528	520	481	385	241
65	163	326	465	521	476	279	67.4	34.1	32.7	32.5	32.6	33.6	51.9	249	451	524	471	346	176
70	53.8	134	243	323	247	71.6	26.0	24.4	23.4	23.6	23.3	24.0	25.6	52.4	211	306	236	141	60.0
75	17.6	22.7	33.1	53.2	31.8	17.4	15.7	15.0	14.1	12.9	13.6	14.7	15.5	16.9	24.2	48.9	32.7	22.1	17.6
80	5.28	5.95	6.35	8.84	9.02	7.25	6.76	6.35	6.29	6.22	6.22	6.23	6.53	6.83	7.77	8.46	5.92	5.71	5.13
85	0.58	0.87	1.12	1.24	1.39	1.39	1.40	1.53	1.52	1.55	1.51	1.49	1.38	1.35	1.31	1.23	1.10	0.88	0.53
90	0.05	0.10	0.17	0.25	0.36	0.47	0.62	0.74	0.83	0.86	0.84	0.77	0.65	0.50	0.37	0.27	0.18	0.12	0.05

C Range: 0 - 360DEG γ Range: 0 - 90DEG
C Interval: 10.0DEG γ Interval: 0.1DEG
Test Speed: HIGH Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Temperature: 25.3°C Humidity: 65.0%
Operator: LI Test Distance: 26.000m [K=0.4589]
Test Date: 2020-04-01 Remarks:
Checker: LI Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

γ (DEG) \ C (DEG)	UNIT: cd																		
	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163		
5	153	150	147	143	140	137	132	133	132	135	132	137	140	143	146	150	156		
10	145	134	125	121	118	112	111	107	107	107	110	114	116	118	127	133	145		
15	146	130	114	104	94.3	91.2	89.8	88.8	86.2	84.9	87.9	85.8	88.4	100	112	128	144		
20	156	132	112	94.1	83.6	77.2	79.0	80.0	77.1	75.9	74.3	73.5	76.6	87.9	107	127	152		
25	164	132	111	92.1	79.2	71.6	71.9	74.0	71.6	70.9	65.7	67.2	73.8	86.1	105	128	161		
30	167	131	110	92.4	77.7	67.7	65.4	66.7	66.5	64.6	61.0	62.4	72.4	86.2	103	125	163		
35	165	125	107	91.9	76.6	63.1	57.8	60.6	61.4	57.1	54.8	58.6	71.3	87.3	102	119	159		
40	163	116	101	88.3	72.7	58.8	50.5	52.6	54.3	51.0	47.6	55.0	69.5	84.2	97.7	112	155		
45	162	107	92.4	80.8	67.4	52.8	43.4	43.7	45.2	43.2	41.1	51.0	65.0	78.5	89.3	104	153		
50	160	98.9	80.8	70.5	58.9	45.2	35.3	34.0	35.2	32.4	32.3	42.7	57.1	70.1	80.7	96.5	151		
55	151	86.3	66.6	57.2	47.4	36.4	27.3	24.8	25.1	23.1	24.3	33.4	45.2	57.4	67.4	85.3	144		
60	126	65.2	48.6	41.1	34.3	27.1	19.7	17.0	17.2	16.0	17.7	24.5	31.9	39.1	48.8	65.5	121		
65	71.2	39.2	30.0	26.4	23.7	19.4	14.5	12.0	11.8	11.2	13.1	17.9	22.2	25.2	29.1	38.6	68.6		
70	29.6	23.0	18.0	16.6	15.7	13.6	10.1	7.71	7.52	7.38	9.19	12.8	15.2	16.4	18.1	22.0	28.4		
75	18.1	11.5	9.70	9.13	8.03	7.07	4.78	3.45	3.20	3.13	3.99	6.35	7.77	9.20	9.94	11.8	18.2		
80	5.73	3.73	3.13	2.48	1.80	1.34	0.75	0.48	0.41	0.42	0.66	1.24	1.60	2.56	3.27	3.91	6.16		
85	0.42	0.26	0.17	0.11	0.06	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.06	0.11	0.17	0.30	0.47		
90	0.05	0.07	0.07	0.06	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.04	0.07	0.07	0.05		

C Range: 0 - 360DEG γ Range: 0 - 90DEG
 C Interval: 10.0DEG γ Interval: 0.1DEG
 Test Speed: HIGH Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Temperature:25.3°C Humidity:65.0%
 Operator:LI Test Distance:26.000m [K=0.4589]
 Test Date:2020-04-01 Remarks:

Checker: LI Assessor: