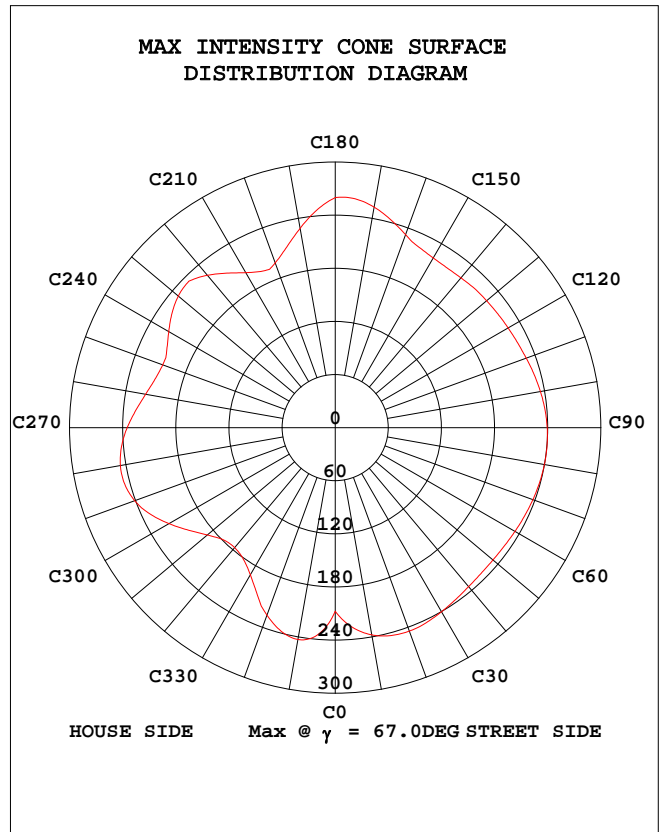
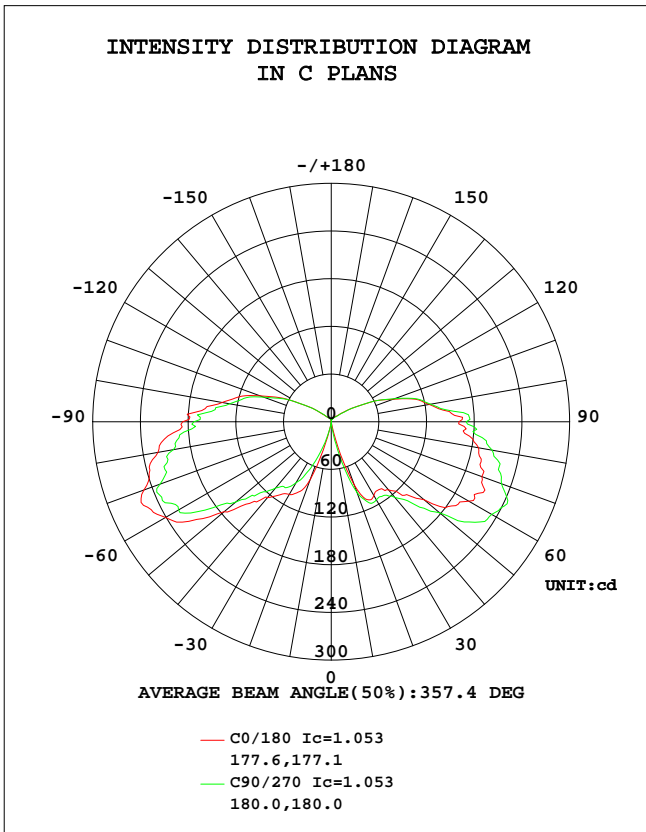


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.88V I:0.1537A P:18.223W PF:0.9887 Freq:59.98Hz Lamp Flux:1442.18x1 lm		
NAME: 19W 4K G5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.03*1	Shielding Angle:

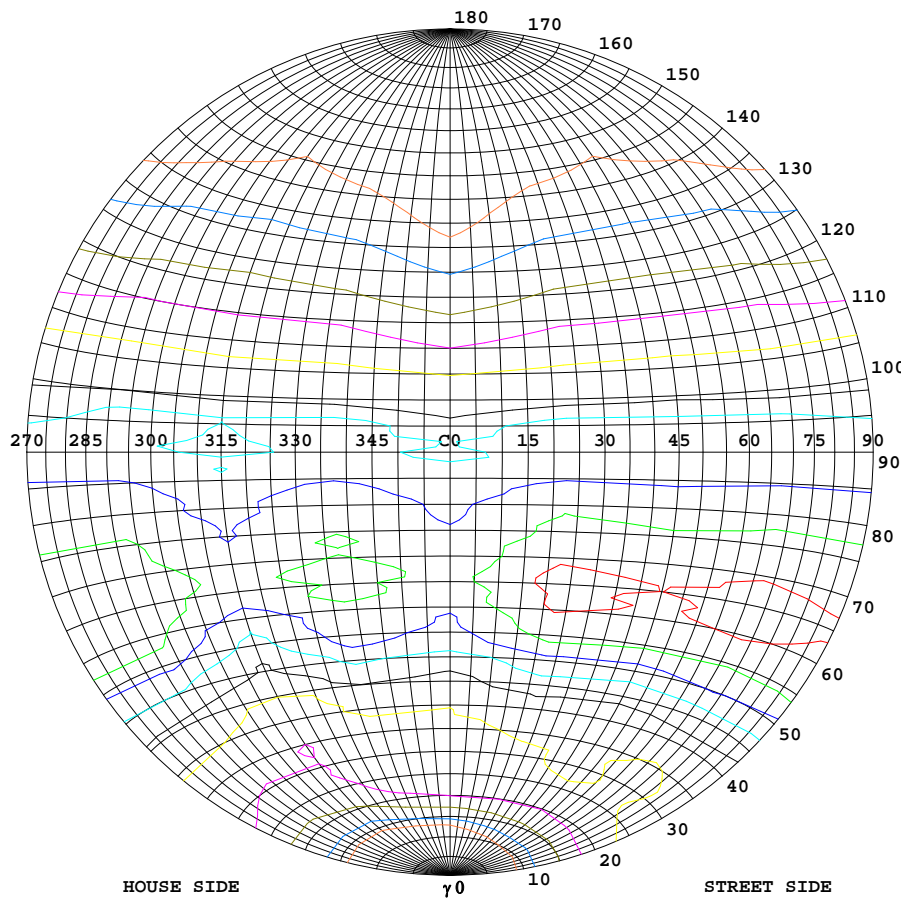
DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.14 lm/W			
MODEL		I _{max} (cd)	259.9	η street_up(%)	14.5
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	36.9
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1442	η house_up(%)	14.6
NOMINAL FLUX(lm)	1442.18	MAXIMUM @(C,γ)	180,67.0	η house_down(%)	34.0
LAMPS INSIDE	1	η up(%)	29.1	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	70.9	SLI	19.887



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

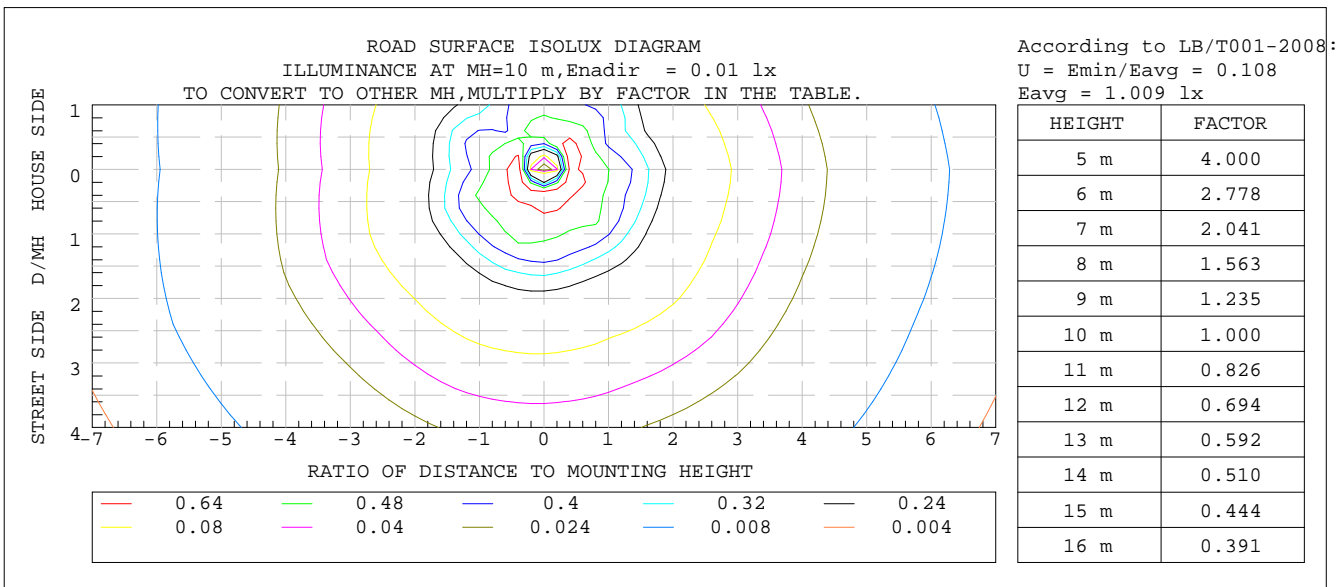
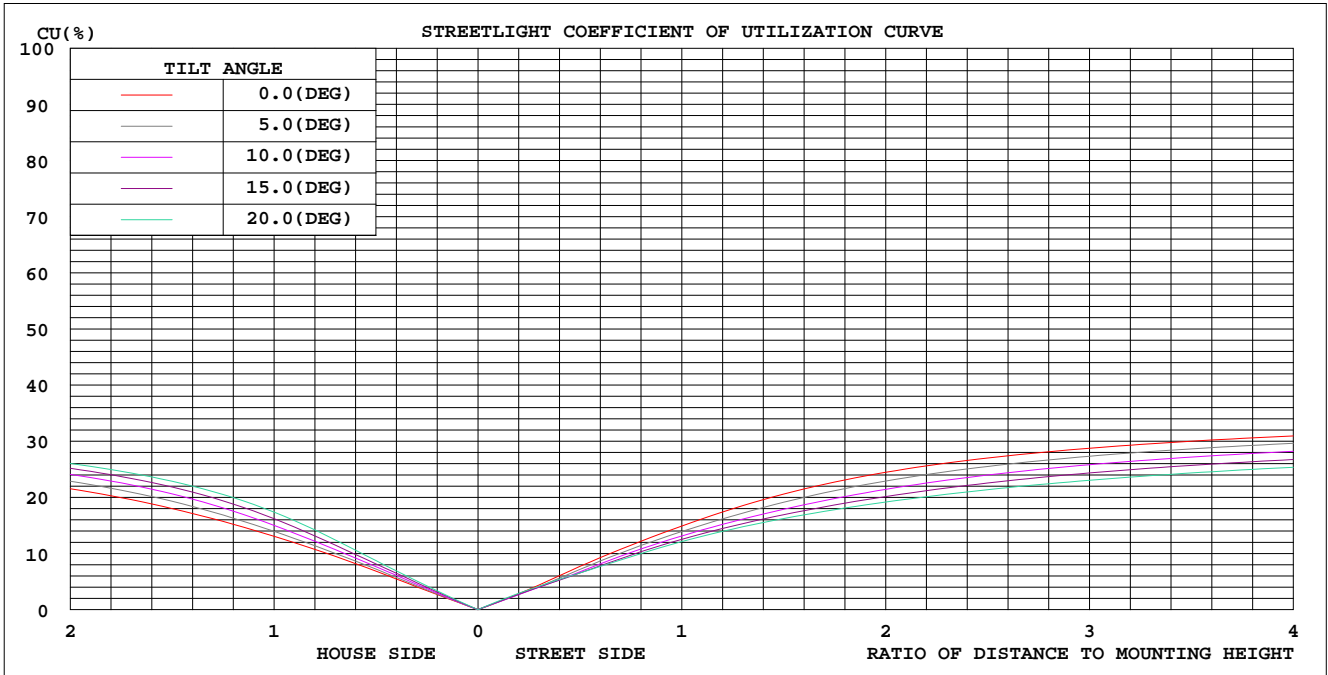
IES:Type V - Medium
 CIE:Broad - Intermediate
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:153.5cd/klm
 Max.At90:129.6cd/klm
 Max.80-90:153.5cd/klm
 NRB 5101:Semi limited[15.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	260
90%	234
80%	208
70%	182
60%	156
50%	130
40%	104
30%	78
20%	52
10%	26
5%	13

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JZ
Test Date: 2023-01-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.450m [K=1.0000]
Remarks:

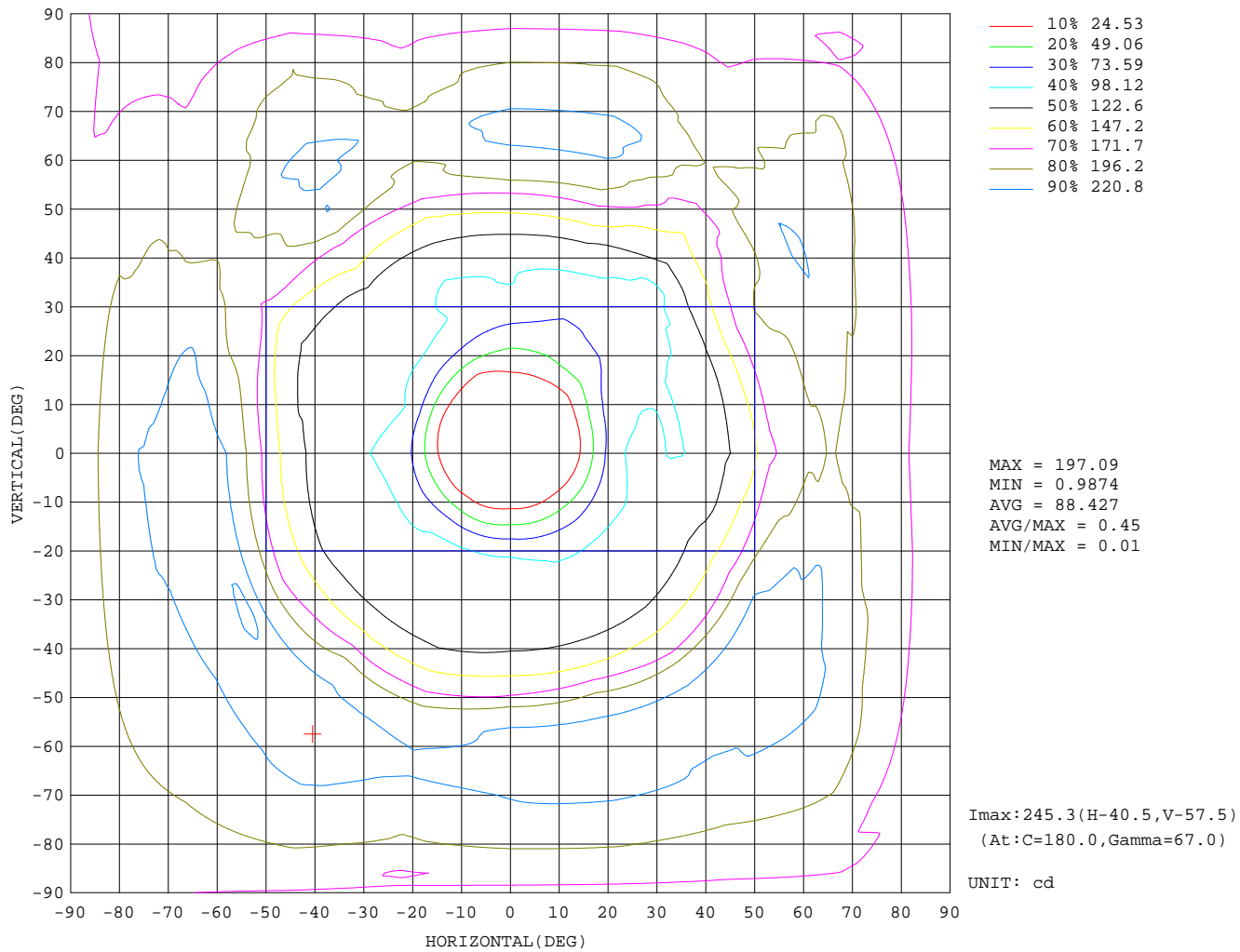
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2.352	13.27	17.97	9.122	1.942	1.540	2.264	2.393	0- 10	0.2601	0.2601	0.02,0.02
20	84.05	79.87	94.44	80.29	76.51	59.15	41.60	43.50	10- 20	10.49	10.75	0.75,0.75
30	107.4	108.8	113.4	92.18	105.5	110.2	88.61	70.46	20- 30	41.86	52.60	3.65,3.65
40	111.9	120.5	124.2	105.8	124.6	114.1	108.6	81.00	30- 40	64.84	117.4	8.14,8.14
50	152.6	168.3	178.2	162.0	176.3	159.9	157.4	117.2	40- 50	102.9	220.3	15.3,15.3
60	200.0	230.1	233.2	214.6	240.8	224.5	221.8	155.6	50- 60	171.7	392.0	27.2,27.2
70	201.6	221.1	227.9	215.7	250.9	226.9	229.2	172.1	60- 70	218.4	610.3	42.3,42.3
80	188.2	199.4	205.6	188.1	221.4	202.8	201.4	159.3	70- 80	216.9	827.2	57.4,57.4
90	160.7	170.6	169.8	155.5	187.0	173.1	172.9	137.3	80- 90	195.0	1022	70.9,70.9
100	125.4	128.9	127.4	121.2	139.8	135.6	130.2	115.1	90-100	168.1	1190	82.5,82.5
110	83.23	94.98	84.79	89.69	95.62	99.40	91.04	86.21	100-110	117.0	1307	90.7,90.7
120	40.27	59.21	40.24	56.36	46.99	65.00	46.76	54.77	110-120	73.34	1381	95.7,95.7
130	16.92	30.79	15.70	28.99	17.54	35.31	18.20	28.94	120-130	35.57	1416	98.2,98.2
140	9.265	16.22	7.964	14.76	8.025	18.49	8.232	15.00	130-140	14.52	1431	99.2,99.2
150	5.767	11.75	4.992	10.58	5.682	13.01	5.515	10.43	140-150	6.782	1438	99.7,99.7
160	4.251	6.190	3.324	5.882	4.394	8.196	3.689	6.605	150-160	3.336	1441	99.9,99.9
170	2.279	1.683	1.527	1.692	2.201	3.088	3.007	2.458	160-170	1.096	1442	100,100
180	0.3875	0.4375	0.5645	0.6309	0.3754	0.4433	0.6169	0.6309	170-180	0.1456	1442	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

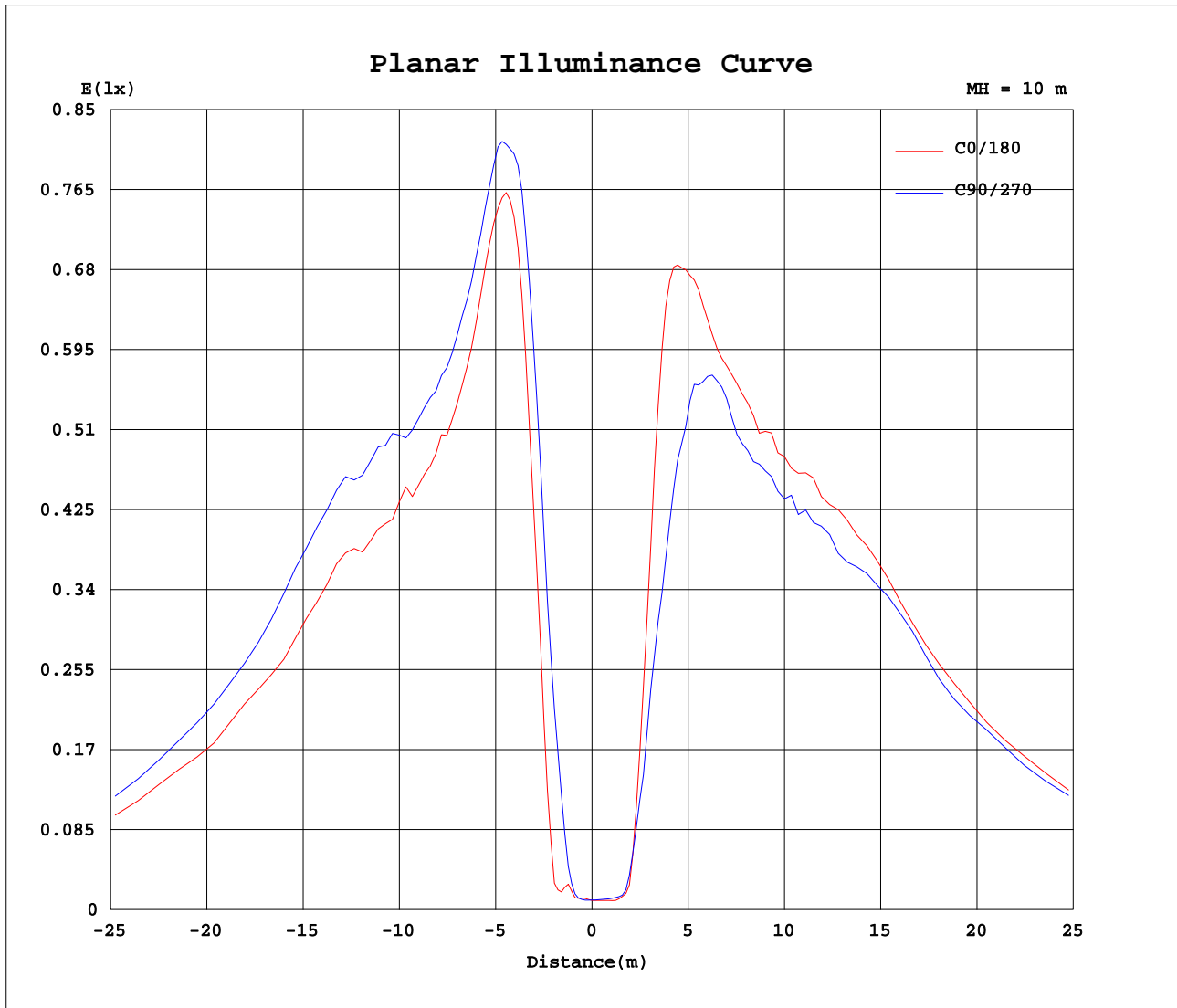
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.450m [K=1.0000]
 Remarks:

Planar Illuminance Curve



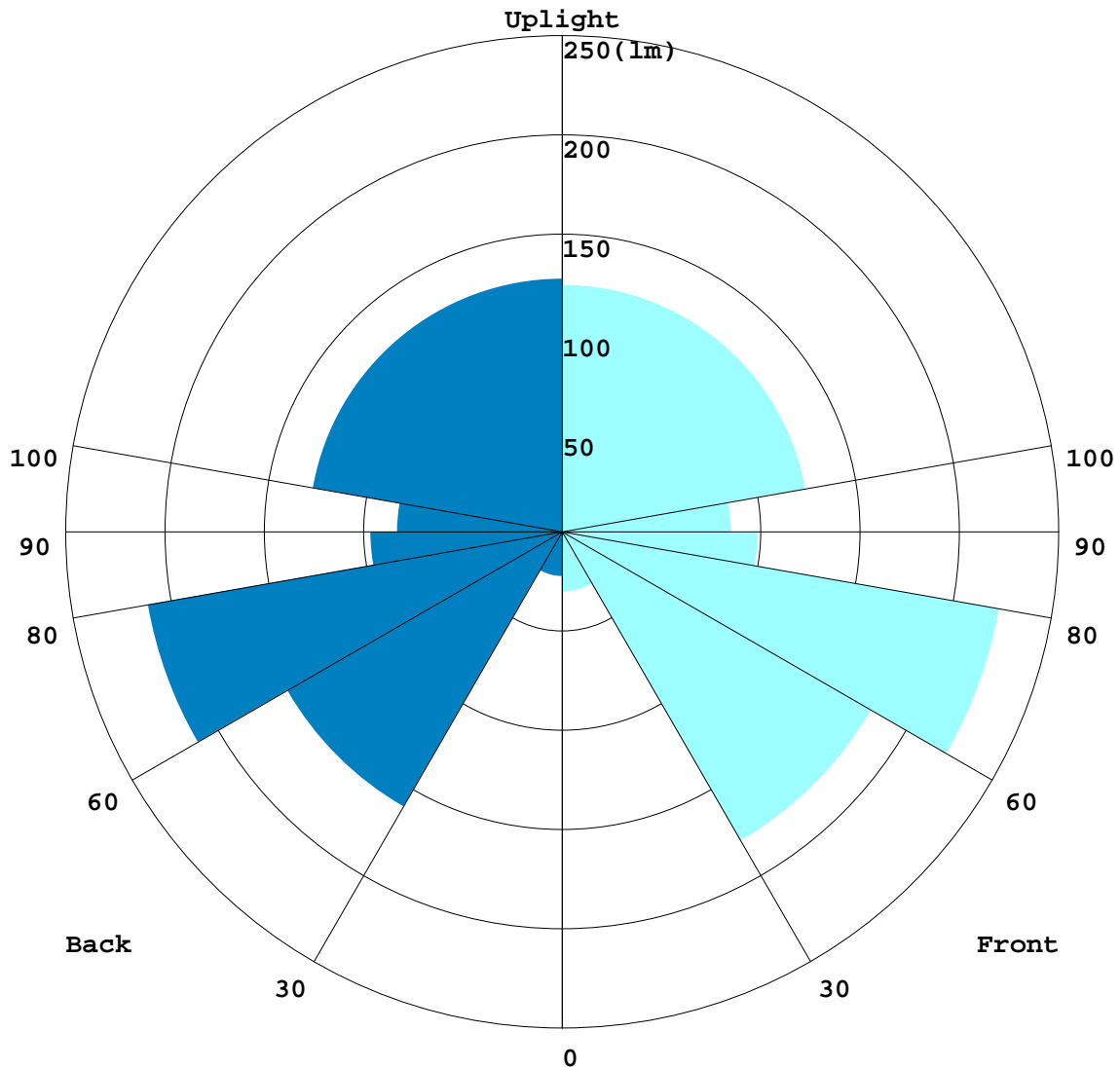
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.450m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:119.88V I:0.1537A P:18.223W PF:0.9887 Freq:59.98Hz Lamp Flux:1442.18x1 lm		
NAME: 19W 4K G5 圆形格栅款草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.03*1	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.88V I:0.1537A P:18.223W PF:0.9887 Freq:59.98Hz Lamp Flux:1442.18x1 lm		
NAME: 19W 4K G5 圆形格栅款草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.03*1	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	30.225	2.1
FM - Front-Medium(30-60)	179.58	12.5
FH - Front-High(60-80)	223.39	15.5
FVH - Front-Very High(80-90)	98.46	6.8
Total Forward Light	740.95	51.4

BL - Back-Low(0-30)	22.379	1.6
BM - Back-Medium(30-60)	159.8	11.1
BH - Back-High(60-80)	211.85	14.7
BVH - Back-Very High(80-90)	96.536	6.7
Total Back Light	701.23	48.6

UL - Uplight-Low(90-100)	168.14	11.7
UH - Uplight-High(100-180)	251.83	17.5
Total Up Light	419.97	29.1

BUG(Back,Up,Glare) Rating	B1-U3-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	490.56	210.67	701.23
Street Side	531.65	209.3	740.95

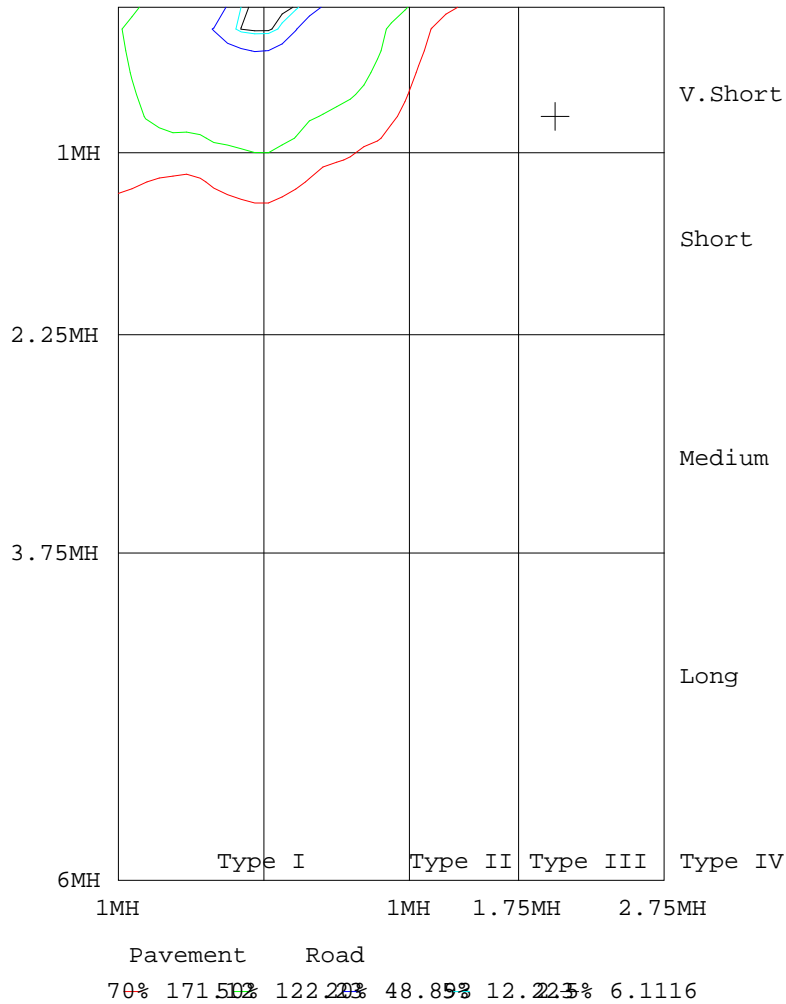
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.88V I:0.1537A P:18.223W PF:0.9887 Freq:59.98Hz Lamp Flux:1442.18x1 lm		
NAME: 19W 4K G5 圆形格栅款草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.03*1	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

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	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05			
5	1.38	1.48	1.56	1.58	1.74	1.42	1.15	1.01	1.06	1.02	1.08	1.05	1.19	1.27	1.31	1.36			
10	2.35	6.16	13.3	15.3	18.0	15.2	9.12	2.24	1.94	1.69	1.54	1.57	2.26	3.44	2.39	2.07			
15	33.8	39.1	46.6	48.8	54.0	48.1	40.8	34.7	28.1	19.8	17.1	12.8	16.3	18.0	14.6	24.0			
20	84.0	79.8	79.9	85.4	94.4	92.6	80.3	73.2	76.5	72.5	59.1	45.2	41.6	46.6	43.5	65.9			
25	108	98.3	101	99.4	112	111	91.8	93.1	97.7	104	91.7	77.1	68.2	60.9	64.0	87.9			
30	107	103	109	99.6	113	114	92.2	107	105	109	110	95.7	88.6	76.2	70.5	93.0			
35	104	109	110	102	114	113	94.5	108	112	105	109	95.5	101	90.4	71.6	94.3			
40	112	124	120	119	124	119	106	115	125	106	114	103	109	106	81.0	106			
45	131	146	145	144	146	137	133	128	145	115	129	121	127	124	97.3	124			
50	153	176	168	183	178	167	162	156	176	136	160	145	157	158	117	155			
55	185	220	214	212	221	207	195	195	219	167	198	175	194	194	136	186			
60	200	239	230	237	233	217	215	210	241	176	224	186	222	218	156	193			
65	211	247	237	244	244	230	224	221	255	188	232	200	234	231	171	204			
70	202	233	221	230	228	215	216	211	251	187	227	199	229	228	172	202			
75	195	219	212	218	219	208	202	204	236	182	218	186	218	216	165	197			
80	188	208	199	201	206	199	188	190	221	176	203	178	201	200	159	192			
85	168	181	175	178	182	180	172	179	206	167	189	168	191	189	149	171			
90	161	170	171	165	170	168	156	165	187	156	173	157	173	169	137	156			
95	149	176	175	169	154	167	160	163	164	153	166	152	151	170	143	164			
100	125	126	129	124	127	131	121	130	140	128	136	125	130	132	115	121			
105	110	110	113	109	112	115	106	114	121	113	115	109	114	115	101	105			
110	83.2	92.7	95.0	91.8	84.8	97.1	89.7	97.0	95.6	96.6	99.4	94.2	91.0	98.3	86.2	88.2			
115	63.0	74.8	76.6	74.1	63.8	78.2	72.7	78.3	72.2	78.2	82.1	78.0	69.4	79.9	70.3	71.2			
120	40.3	56.3	59.2	54.9	40.2	57.9	56.4	59.1	47.0	57.9	65.0	60.2	46.8	59.2	54.8	52.5			
125	26.4	40.6	43.8	39.5	26.3	41.4	41.5	42.9	31.1	41.9	49.0	44.4	31.1	41.8	40.8	38.0			
130	16.9	28.6	30.8	27.5	15.7	28.7	29.0	29.2	17.5	28.9	35.3	31.7	18.2	29.1	28.9	26.7			
135	10.9	19.7	21.4	18.3	9.77	19.0	19.9	19.4	10.7	19.3	25.2	21.7	11.5	18.9	20.2	18.3			
140	9.27	14.6	16.2	13.3	7.96	13.8	14.8	13.6	8.02	13.7	18.5	15.7	8.23	13.3	15.0	13.5			
145	7.50	11.4	13.5	10.3	6.89	10.9	12.3	10.7	6.89	10.7	14.9	12.5	6.60	10.3	12.2	10.5			
150	5.77	9.32	11.7	8.24	4.99	8.78	10.6	8.79	5.68	8.86	13.0	10.4	5.52	8.16	10.4	8.56			
155	4.79	7.35	9.49	6.50	3.92	6.87	8.52	7.01	4.86	7.37	11.1	8.71	4.53	6.50	8.85	7.12			
160	4.25	5.31	6.19	4.67	3.32	4.98	5.88	5.23	4.39	5.84	8.20	6.51	3.69	4.92	6.60	5.55			
165	3.40	3.30	3.26	2.91	2.49	3.08	3.34	3.38	3.62	4.30	5.22	4.64	3.36	3.98	4.09	3.82			
170	2.28	1.90	1.68	1.62	1.53	1.62	1.69	1.96	2.20	2.54	3.09	3.03	3.01	2.70	2.46	2.40			
175	0.99	0.74	0.78	0.70	0.75	0.83	0.89	1.13	1.04	1.27	1.64	1.94	1.83	1.61	1.24	1.39			
180	0.39	0.37	0.44	0.56	0.56	0.68	0.63	0.79	0.38	0.40	0.44	0.57	0.62	0.69	0.63	0.86			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.450m [K=1.0000]
 Remarks: