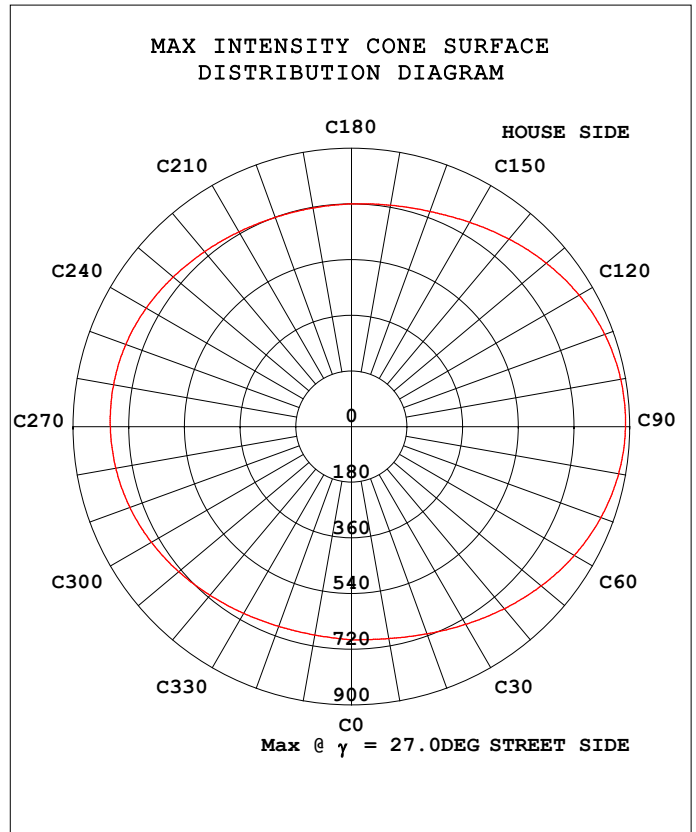
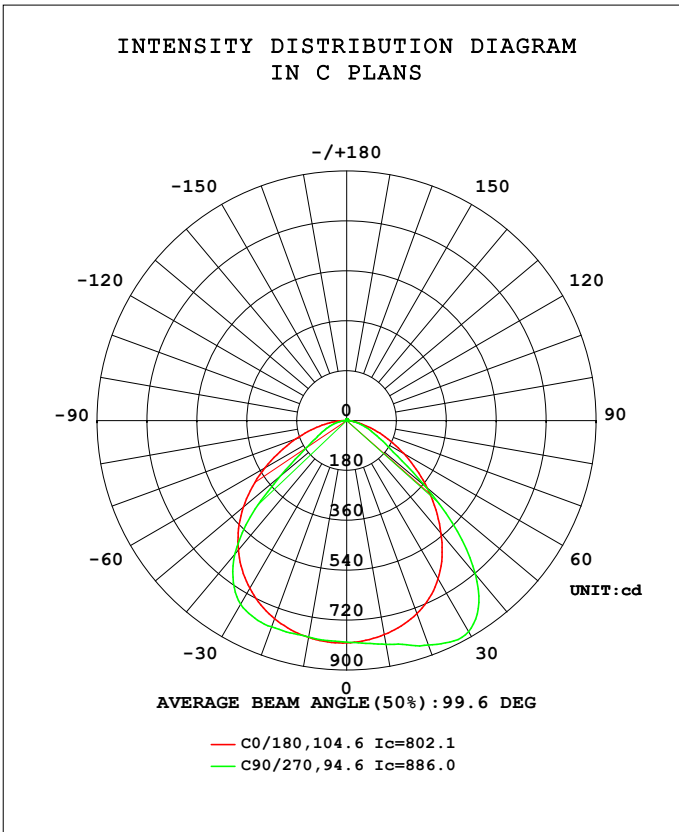


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.76V I:0.1236A P:14.658W PF:0.9903 Freq:59.98Hz Lamp Flux:2134.29x1 lm		
NAME: 15W 5K G3 投光灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.13*0.31	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	886.0	η street_up (%)	0.5
NOMINAL POWER (W)		LOR (%)	100.0	η street_down (%)	52.3
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2134	η house_up (%)	0.3
NOMINAL FLUX (lm)	2134.29	MAXIMUM @ (C, γ)	90,27.0	η house_down (%)	46.9
LAMPS INSIDE	1	η up (%)	0.8	76 FLASHAREA (m2)	
TEST VOLTAGE (V)		η down (%)	99.2	SLI	

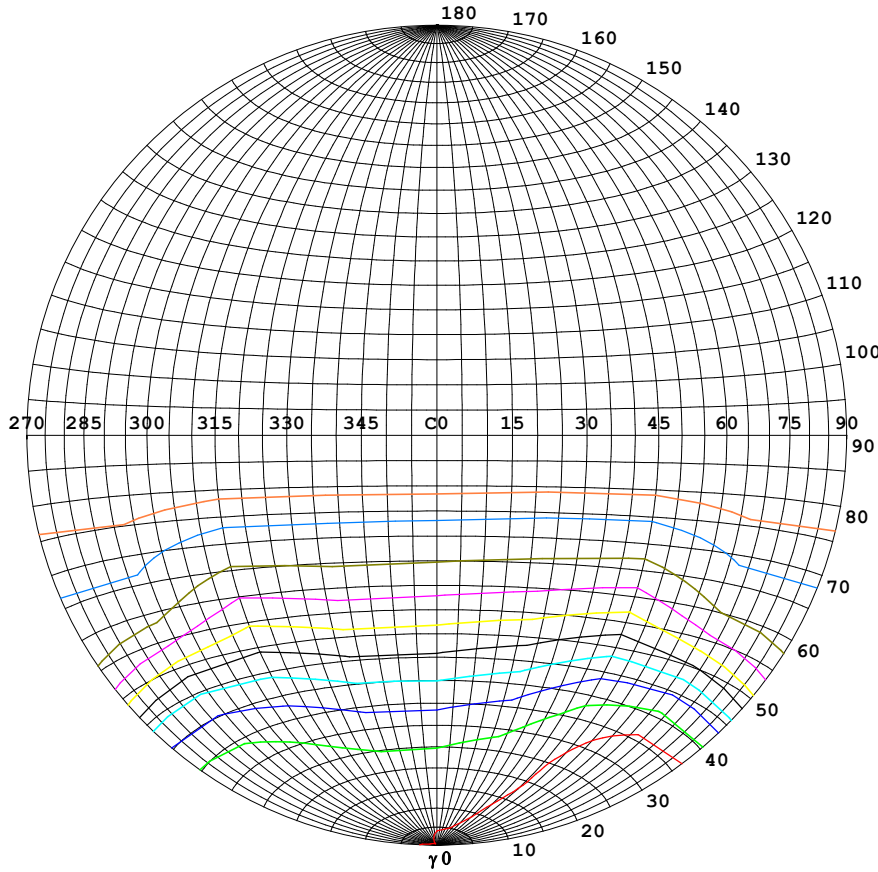


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.76V I:0.1236A P:14.658W PF:0.9903 Freq:59.98Hz Lamp Flux:2134.29x1 lm		
NAME: 15W 5K G3 投光灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.13*0.31	Shielding Angle:



Classification:

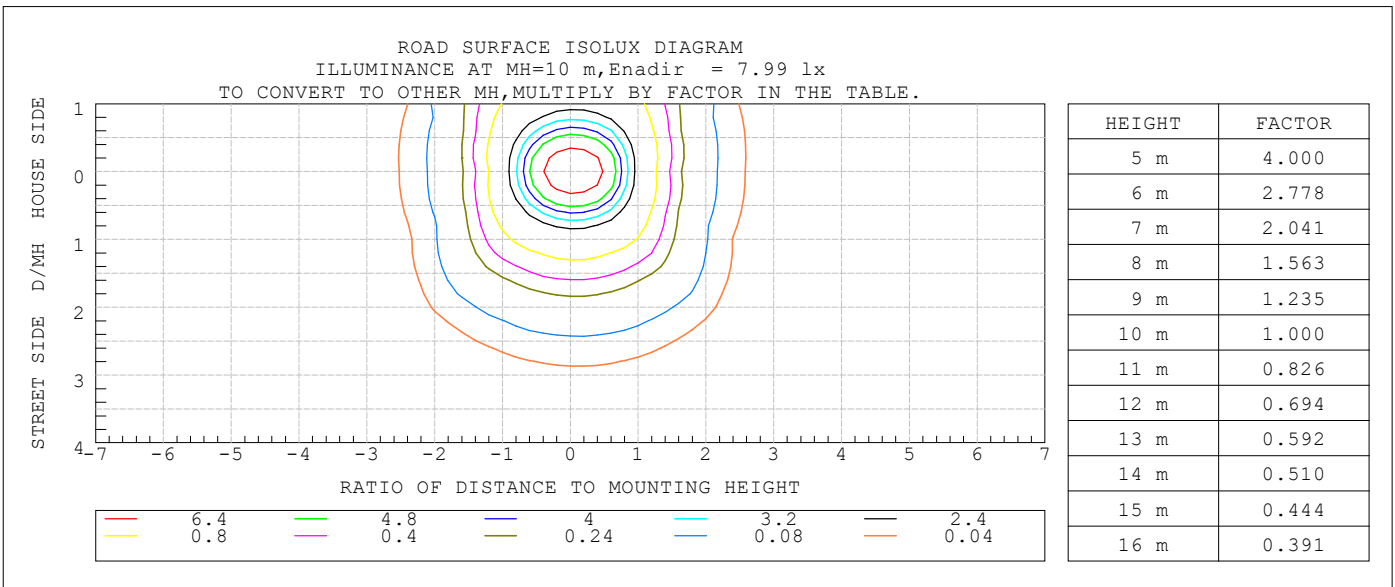
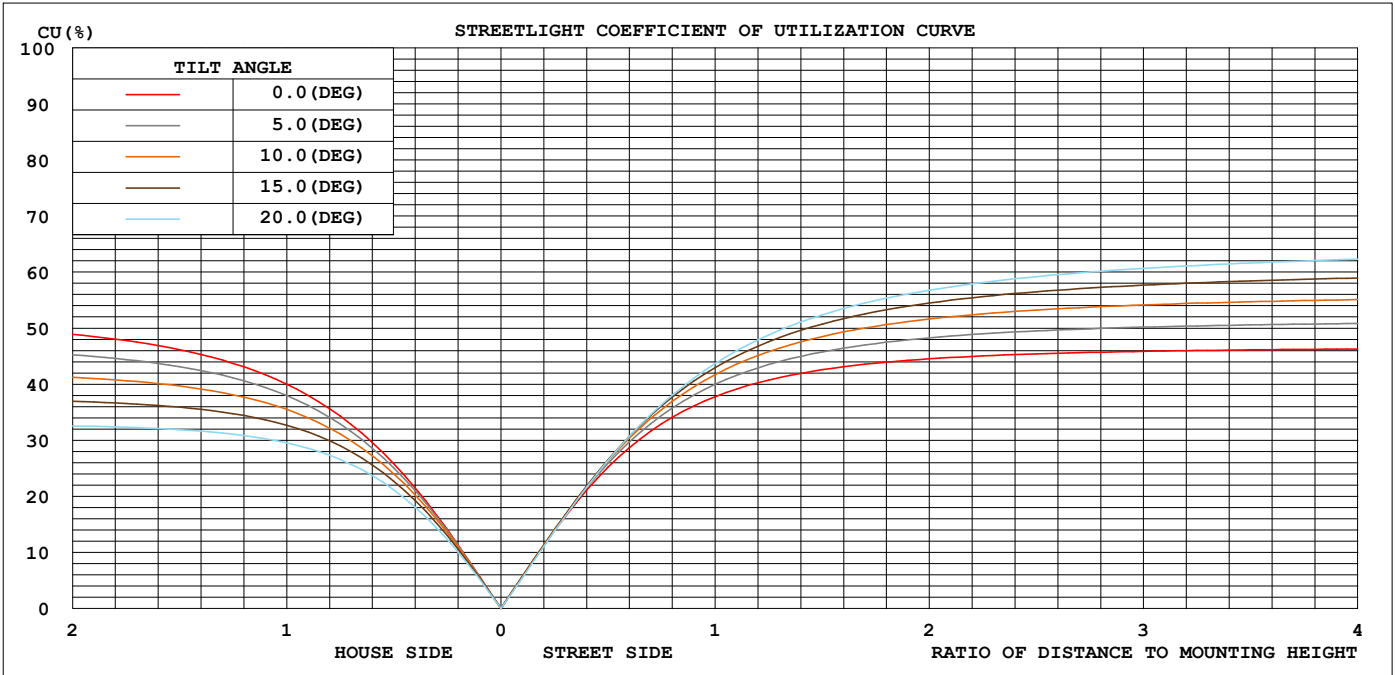
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:39.18cd/klm
 Max.At90:3.754cd/klm
 Max.80-90:39.18cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	886
— 90%	797
— 80%	709
— 70%	620
— 60%	532
— 50%	443
— 40%	354
— 30%	266
— 20%	177
— 10%	89
— 5%	44

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 2023-10-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:119.76V I:0.1236A P:14.658W PF:0.9903 Freq:59.98Hz Lamp Flux:2134.29x1 lm		
NAME: 15W 5K G3 投光灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.13*0.31	Shielding Angle:

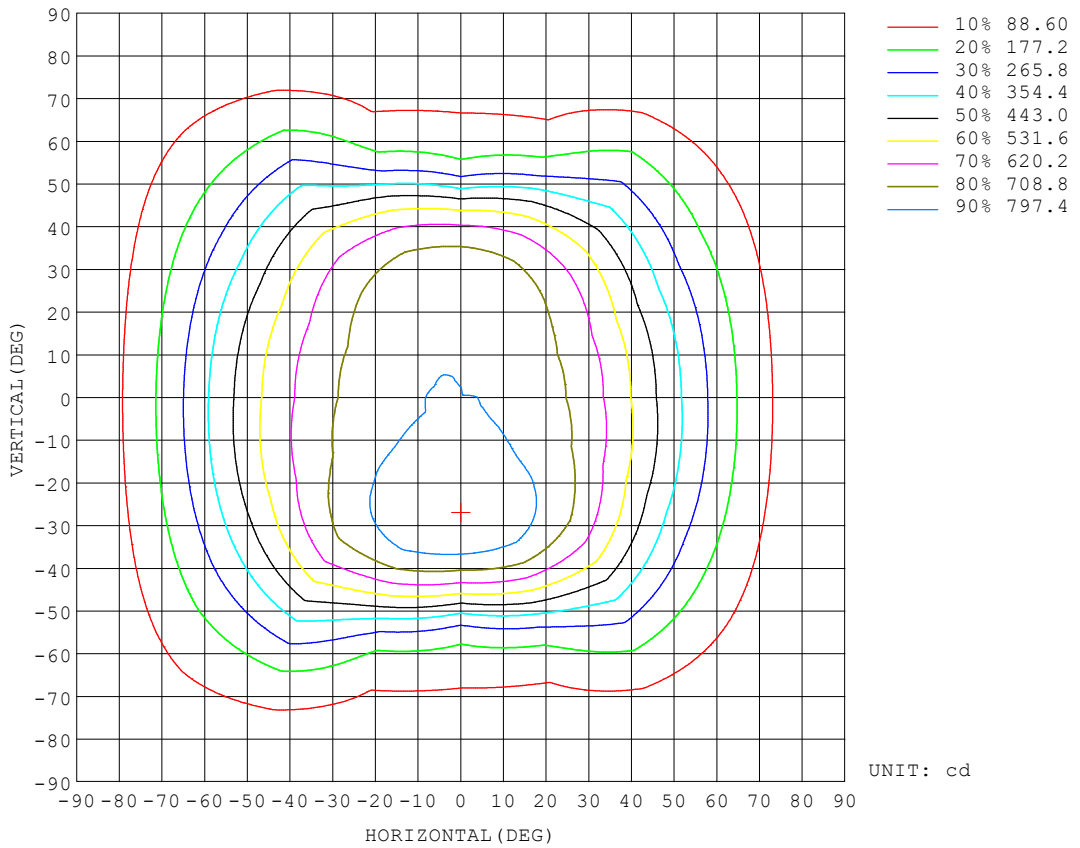
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	783.7	801.7	819.1	807.6	794.3	794.2	792.7	784.5	0- 10	76.20	76.20	76.20
20	741.3	795.3	861.8	810.3	760.8	772.8	791.8	754.8	10- 20	224.4	300.6	300.6
30	659.7	771.8	879.3	799.5	699.1	731.4	765.1	702.3	20- 30	357.0	657.6	657.6
40	529.4	679.0	721.9	738.3	608.4	647.5	626.5	590.6	30- 40	440.7	1098	1098
50	380.4	497.0	374.6	589.4	487.2	507.7	313.9	426.6	40- 50	423.5	1522	1522
60	237.2	297.1	152.2	384.0	339.8	336.7	131.7	261.4	50- 60	304.1	1826	1826
70	118.6	137.7	77.22	194.3	195.6	174.1	71.15	121.3	60- 70	182.5	2008	2008
80	32.85	36.80	28.98	67.97	80.98	61.32	28.03	33.02	70- 80	87.60	2096	2096
90	0.7653	0.5490	0.4203	4.416	8.013	4.677	0.6229	0.7136	80- 90	20.96	2117	2117
100	1.281	0.9569	0.5363	0.7686	0.8778	1.038	0.8781	1.303	90-100	1.017	2118	2118
110	2.006	1.622	1.149	1.329	1.455	1.752	1.760	2.136	100-110	1.367	2119	2119
120	2.803	2.479	2.006	2.098	2.204	2.653	2.906	3.134	110-120	2.070	2121	2121
130	3.597	3.308	2.992	2.900	3.038	3.547	3.927	3.983	120-130	2.670	2124	2124
140	4.318	4.017	3.789	3.653	3.835	4.336	4.616	4.620	130-140	2.931	2127	2127
150	4.967	4.631	4.394	4.406	4.560	5.049	5.117	5.177	140-150	2.799	2130	2130
160	5.528	5.256	5.091	5.147	5.257	5.665	5.790	5.734	150-160	2.357	2132	2132
170	5.973	5.833	5.768	5.792	5.846	6.090	6.254	6.170	160-170	1.611	2134	2134
180	6.238	6.242	6.282	6.298	6.246	6.246	6.290	6.294	170-180	0.5811	2134	2134
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

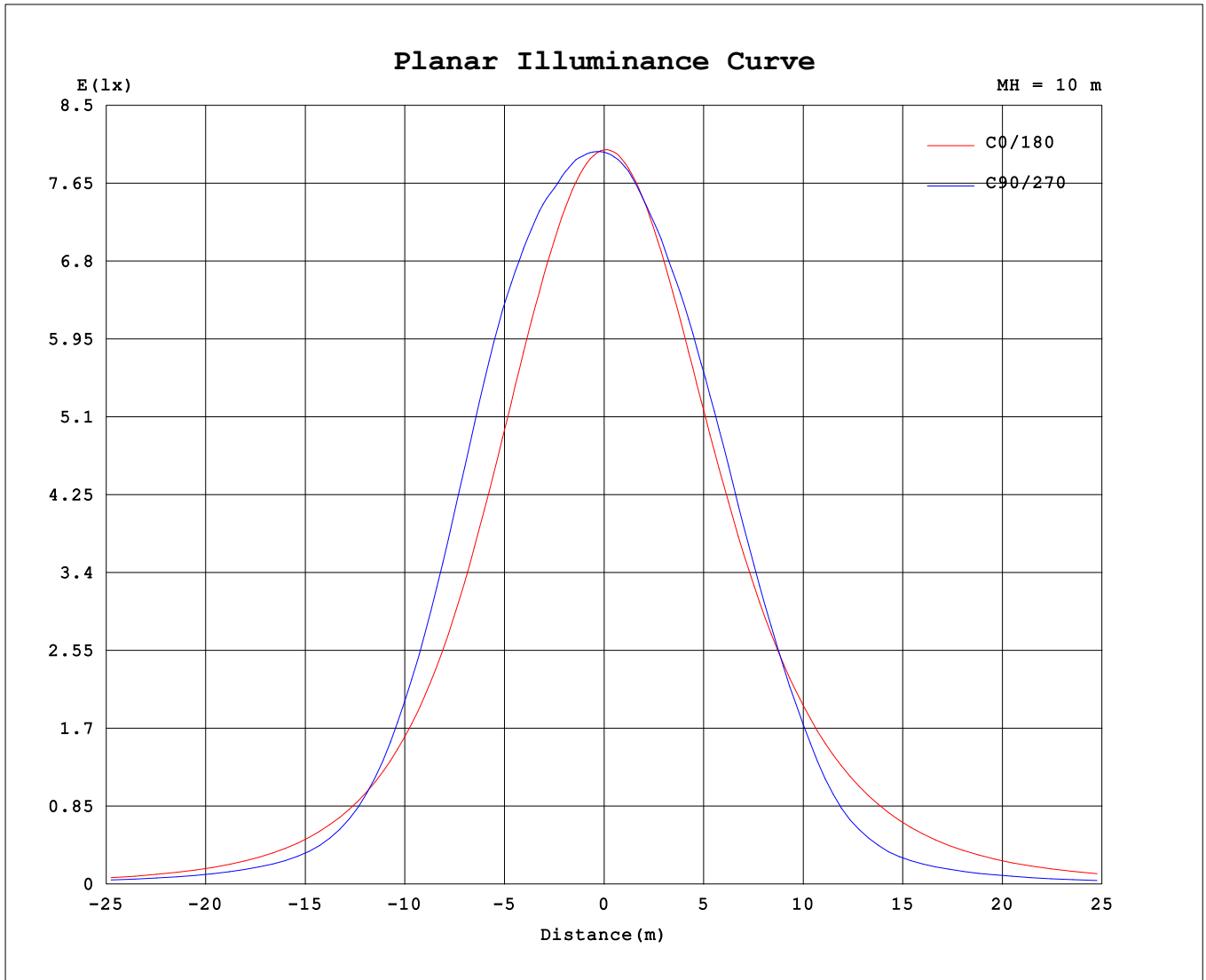
Test:U:119.76V I:0.1236A P:14.658W PF:0.9903 Freq:59.98Hz Lamp Flux:2134.29x1 lm		
NAME: 15W 5K G3 投光灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.13*0.31	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



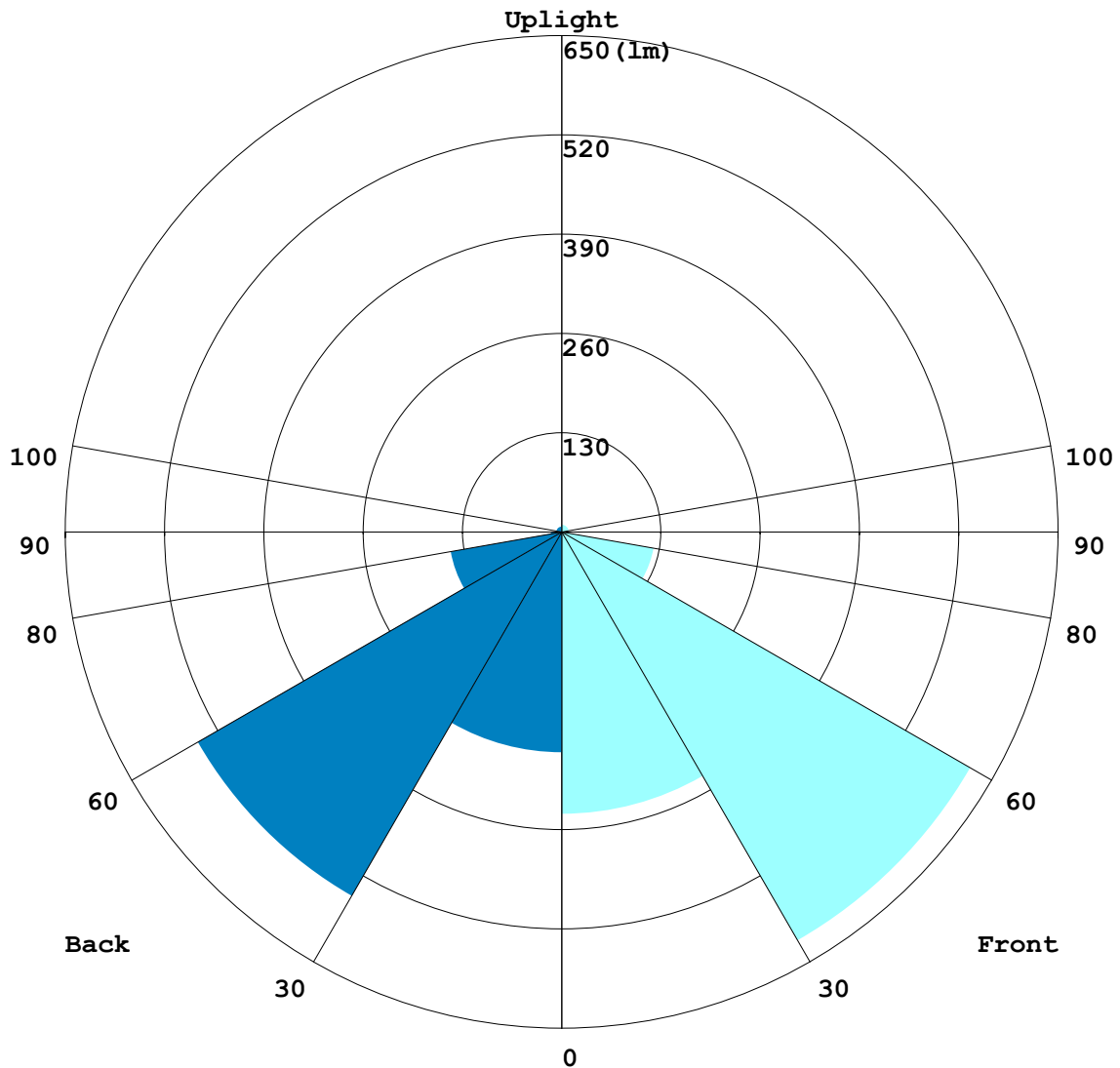
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 7.100m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:119.76V I:0.1236A P:14.658W PF:0.9903 Freq:59.98Hz		
Lamp Flux:2134.29x1 lm		
NAME: 15W 5K G3 投光灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.13*0.31	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.76V I:0.1236A P:14.658W PF:0.9903 Freq:59.98Hz Lamp Flux:2134.29x1 lm		
NAME: 15W 5K G3 投光灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.13*0.31	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	369	17.3
FM - Front-Medium(30-60)	617.78	28.9
FH - Front-High(60-80)	122.36	5.7
FVH - Front-Very High(80-90)	6.7401	0.3
Total Forward Light	1125.9	52.8

BL - Back-Low(0-30)	288.62	13.5
BM - Back-Medium(30-60)	550.45	25.8
BH - Back-High(60-80)	147.72	6.9
BVH - Back-Very High(80-90)	14.216	0.7
Total Back Light	1008.4	47.2

UL - Uplight-Low(90-100)	1.0167	0.0
UH - Uplight-High(100-180)	16.385	0.8
Total Up Light	17.402	0.8

BUG(Back,Up,Glare) Rating	B1-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1001	7.3727	1008.4
Street Side	1115.9	10.029	1125.9

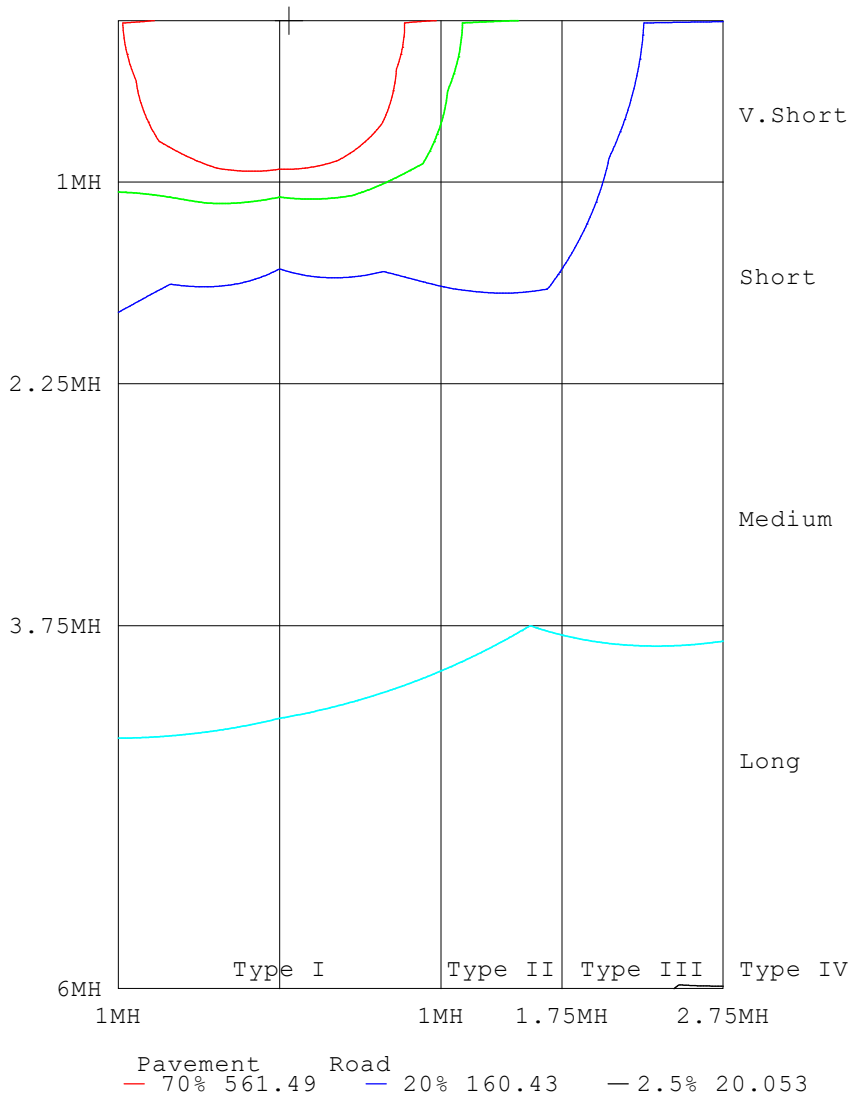
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.76V I:0.1236A P:14.658W PF:0.9903 Freq:59.98Hz Lamp Flux:2134.29x1 lm		
NAME: 15W 5K G3 投光灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.13*0.31	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.76V I:0.1236A P:14.658W PF:0.9903 Freq:59.98Hz Lamp Flux:2134.29x1 lm		
NAME: 15W 5K G3 投光灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.13*0.31	Shielding Angle:

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	801	801	800	800	799	798	798	798	801	801	800	800	799	798	798	798			
5	796	798	801	804	806	806	803	799	801	799	798	797	796	794	792	791			
10	784	790	802	814	819	817	808	797	794	792	794	794	793	789	784	780			
15	766	778	800	823	837	829	811	788	781	780	784	791	792	783	770	764			
20	741	760	795	841	862	851	810	776	761	761	773	787	792	777	755	740			
25	706	733	791	851	881	864	811	756	733	735	755	782	786	768	731	706			
30	660	693	772	850	879	867	800	727	699	700	731	761	765	743	702	661			
35	600	639	736	811	828	835	777	690	658	659	696	722	713	697	654	604			
40	529	571	679	732	722	761	738	645	608	608	648	654	627	623	591	534			
45	455	495	594	606	566	643	674	590	552	548	584	557	492	522	513	456			
50	380	414	497	452	375	489	589	523	487	479	508	424	314	388	427	378			
55	307	333	395	292	225	322	489	444	415	404	423	269	189	242	341	302			
60	237	256	297	178	152	198	384	361	340	326	337	168	132	150	261	231			
65	174	188	211	114	109	129	283	280	265	251	252	112	97.3	99.7	187	168			
70	119	129	138	77.6	77.2	89.1	194	205	196	183	174	79.4	71.1	69.4	121	115			
75	71.4	78.1	79.9	49.5	51.3	59.2	122	139	134	124	109	54.0	48.4	45.2	69.7	70.0			
80	32.8	36.7	36.8	26.4	29.0	34.7	68.0	83.6	81.0	75.4	61.3	32.2	28.0	24.5	33.0	32.9			
85	6.32	7.65	8.59	8.45	10.8	14.7	28.7	38.4	37.9	34.8	26.7	14.1	11.0	8.12	8.39	6.88			
90	0.77	0.69	0.55	0.39	0.42	1.73	4.42	7.40	8.01	6.88	4.68	1.82	0.62	0.53	0.71	0.77			
95	0.98	0.89	0.70	0.51	0.36	0.46	0.56	0.65	0.67	0.73	0.77	0.66	0.58	0.75	0.98	1.04			
100	1.28	1.16	0.96	0.72	0.54	0.65	0.77	0.85	0.88	0.99	1.04	0.96	0.88	1.09	1.30	1.36			
105	1.63	1.48	1.25	0.99	0.80	0.91	1.03	1.12	1.15	1.29	1.37	1.34	1.28	1.50	1.70	1.74			
110	2.01	1.86	1.62	1.33	1.15	1.22	1.33	1.42	1.45	1.65	1.75	1.79	1.76	1.98	2.14	2.16			
115	2.40	2.26	2.03	1.72	1.55	1.58	1.69	1.80	1.81	2.06	2.18	2.27	2.31	2.50	2.63	2.58			
120	2.80	2.65	2.48	2.18	2.01	2.00	2.10	2.18	2.20	2.49	2.65	2.78	2.91	3.06	3.13	2.98			
125	3.20	3.05	2.91	2.68	2.50	2.46	2.50	2.58	2.62	2.91	3.11	3.28	3.47	3.60	3.59	3.36			
130	3.60	3.42	3.31	3.15	2.99	2.89	2.90	2.98	3.04	3.33	3.55	3.73	3.93	4.09	3.98	3.74			
135	3.97	3.79	3.68	3.57	3.42	3.29	3.28	3.37	3.44	3.74	3.95	4.12	4.32	4.48	4.33	4.09			
140	4.32	4.14	4.02	3.93	3.79	3.64	3.65	3.76	3.83	4.13	4.34	4.46	4.62	4.76	4.62	4.42			
145	4.65	4.46	4.33	4.23	4.09	3.98	4.02	4.13	4.21	4.49	4.70	4.77	4.85	4.95	4.90	4.74			
150	4.97	4.78	4.63	4.50	4.39	4.34	4.41	4.49	4.56	4.84	5.05	5.12	5.12	5.16	5.18	5.06			
155	5.26	5.08	4.94	4.80	4.73	4.70	4.78	4.86	4.92	5.16	5.37	5.46	5.44	5.45	5.45	5.35			
160	5.53	5.37	5.26	5.14	5.09	5.08	5.15	5.20	5.26	5.45	5.67	5.79	5.79	5.76	5.73	5.62			
165	5.76	5.64	5.55	5.47	5.45	5.44	5.48	5.53	5.56	5.72	5.91	6.04	6.07	6.04	5.98	5.87			
170	5.97	5.89	5.83	5.79	5.77	5.77	5.79	5.83	5.85	5.96	6.09	6.21	6.25	6.24	6.17	6.07			
175	6.14	6.09	6.07	6.04	6.03	6.04	6.06	6.07	6.08	6.14	6.21	6.27	6.31	6.31	6.28	6.21			
180	6.24	6.24	6.24	6.27	6.28	6.29	6.30	6.28	6.25	6.24	6.25	6.26	6.29	6.29	6.29	6.28			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks: