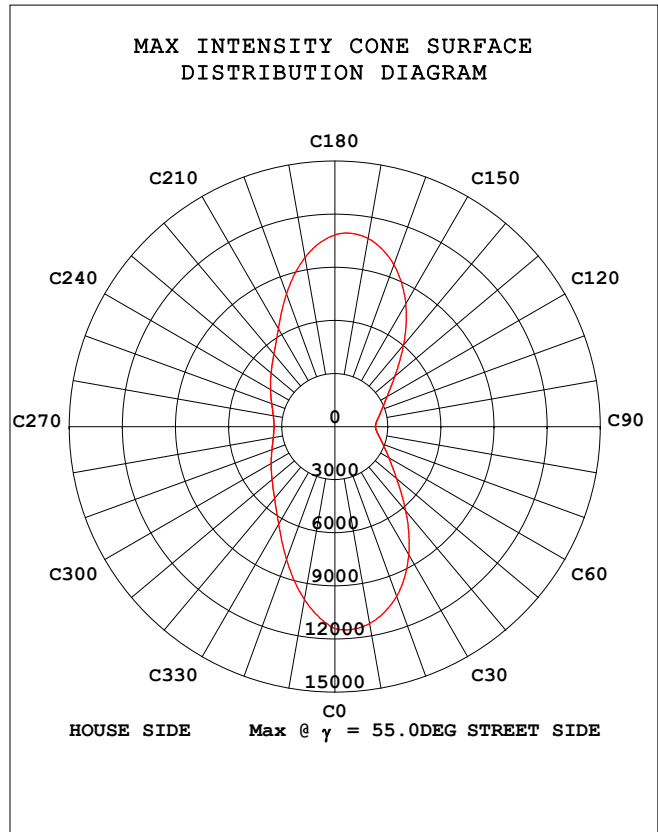
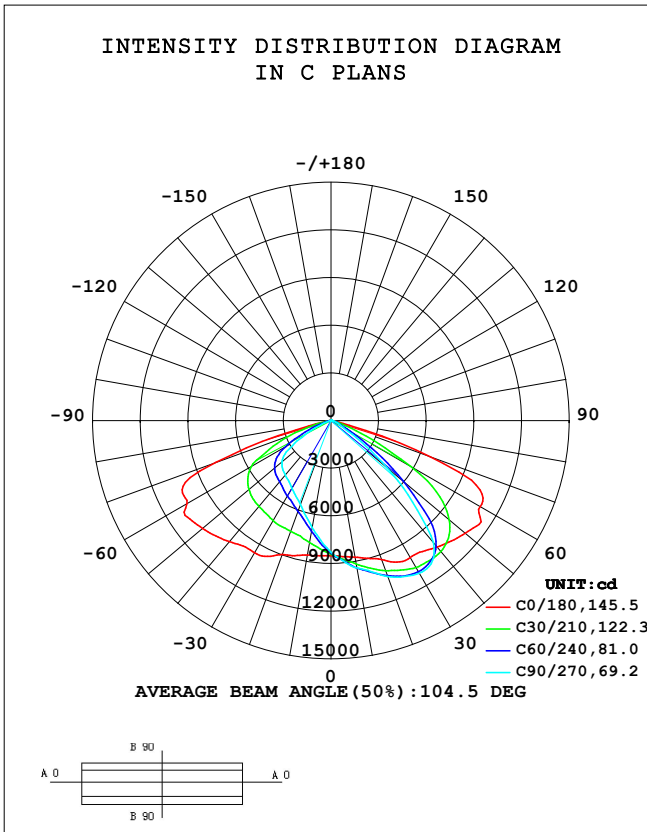


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 187.98 lm/W			
MODEL		I _{max} (cd)	11404	η street_up (%)	0.0
NOMINAL POWER (W)		LOR (%)	100.0	η street_down (%)	55.9
RATED VOLTAGE (V)		TOTAL FLUX (lm)	28252	η house_up (%)	0.0
NOMINAL FLUX (lm)	28251.8	MAXIMUM @ (C, γ)	0,55.0	η house_down (%)	44.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)		η down (%)	100.0	SLI	18.739

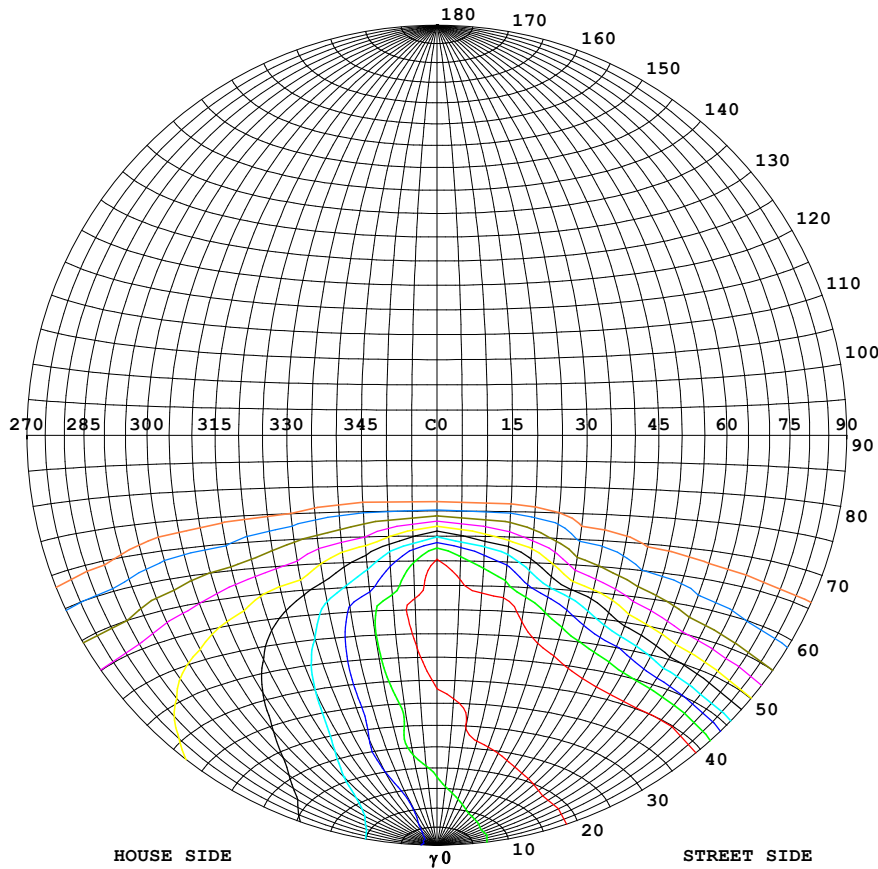


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:HU
 Test Date:2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.1313]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:



Classification:

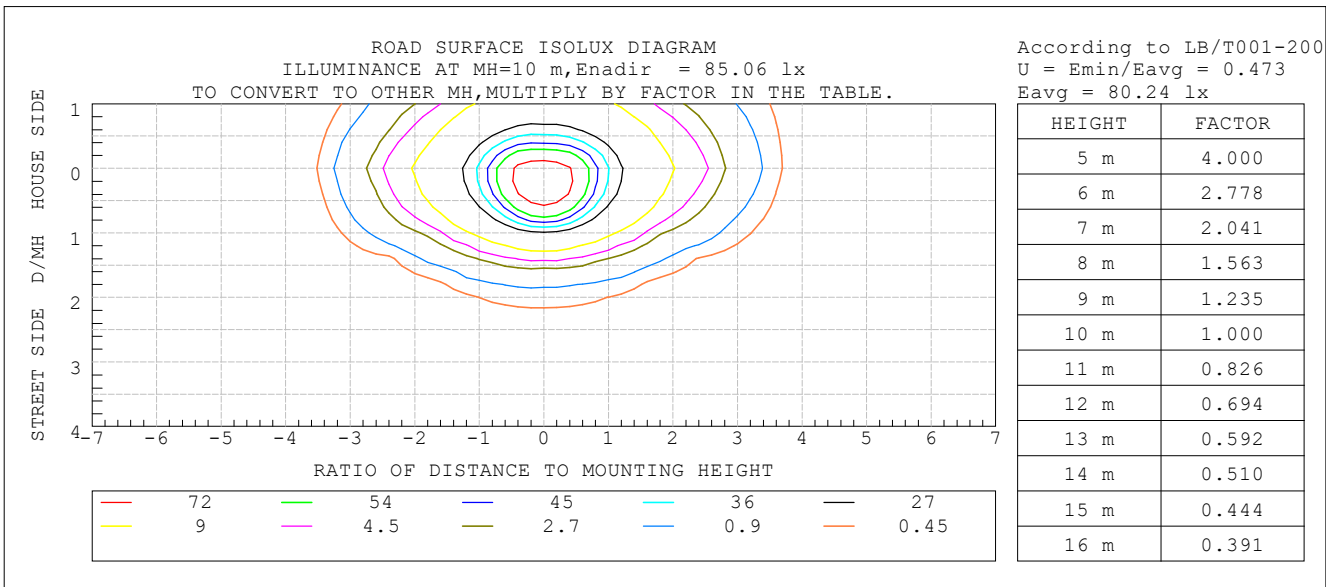
IES:Type II - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:18.39cd/klm
 Max.At90:1.107cd/klm
 Max.80-90:18.39cd/klm
 NRB 5101:Limited[6.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	11404
— 90%	10264
— 80%	9123
— 70%	7983
— 60%	6843
— 50%	5702
— 40%	4562
— 30%	3421
— 20%	2281
— 10%	1140
— 5%	570

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:HU
 Test Date:2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.1313]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: HU
Test Date: 2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.1313]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:

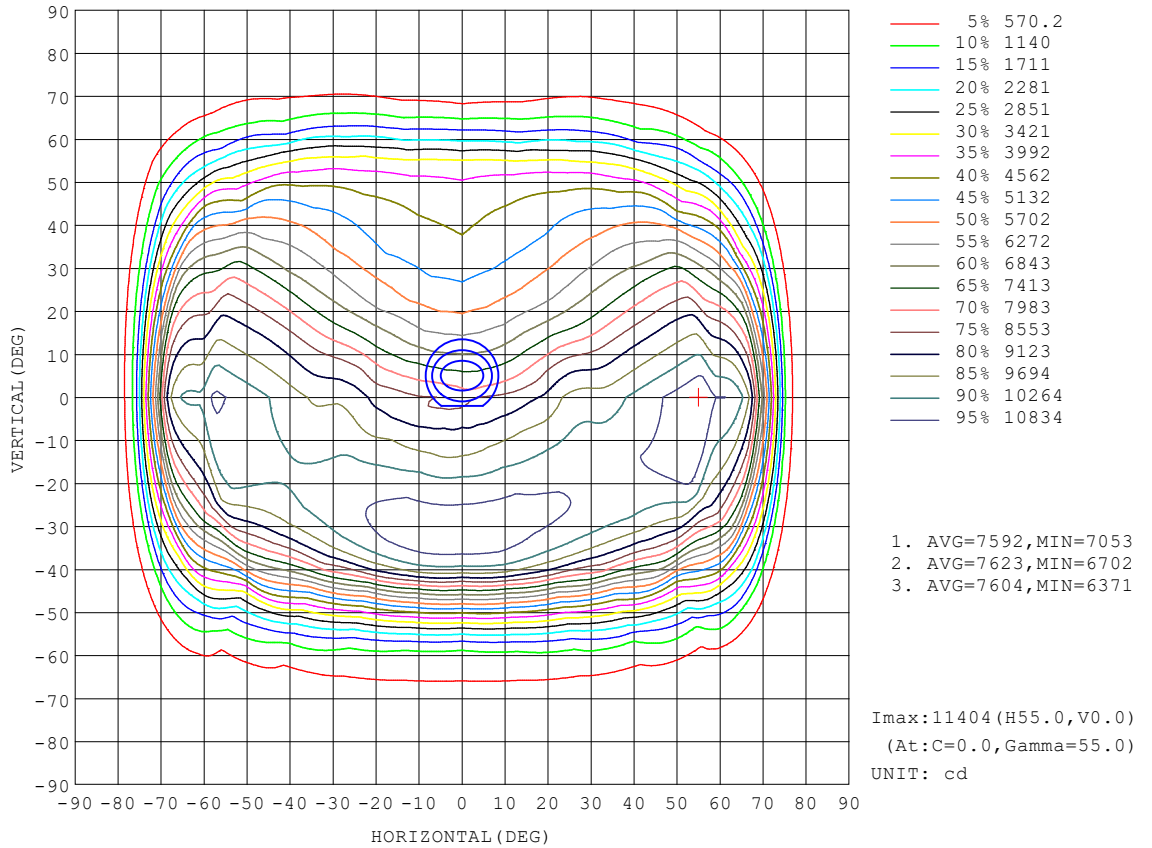
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	873.4	930.8	941.2	911.5	859.4	740.7	684.4	738.2	0- 10	793.5	793.5	2.81,2.81
20	930.4	1022	1044	1000	897.8	671.6	565.0	688.5	10- 20	2381	3175	11.2,11.2
30	997.2	1084	1110	1074	961.4	617.2	492.4	632.5	20- 30	4003	7178	25.4,25.4
40	1039	1051	1003	1049	995.0	585.9	448.4	603.9	30- 40	5410	12588	44.6,44.6
50	1103	811.1	462.2	786.8	1056	543.2	403.0	552.0	40- 50	6055	18643	66,66
60	1084	301.8	96.74	289.4	1047	427.8	210.1	398.8	50- 60	5335	23978	84.9,84.9
70	665.6	53.57	40.87	54.44	770.4	136.7	38.84	107.4	60- 70	3328	27306	96.7,96.7
80	20.13	15.71	9.914	17.39	29.47	25.33	0.3913	21.64	70- 80	861.9	28168	99.7,99.7
90	0.6362	2.265	3.128	2.402	1.187	1.109	0.3112	0.7620	80- 90	72.03	28240	100,100
100	0.6349	1.674	0.6871	1.818	0.3442	0.2567	0.3544	0.3067	90-100	11.52	28251	100,100
110	0	0	0	0	0	0	0	0	100-110	0.4259	28252	100,100
120	0	0	0	0	0	0	0	0	110-120	0	28252	100,100
130	0	0	0	0	0	0	0	0	120-130	0	28252	100,100
140	0	0	0	0	0	0	0	0	130-140	0	28252	100,100
150	0	0	0	0	0	0	0	0	140-150	0	28252	100,100
160	0	0	0	0	0	0	0	0	150-160	0	28252	100,100
170	0	0	0	0	0	0	0	0	160-170	0	28252	100,100
180	0	0	0	0	0	0	0	0	170-180	0	28252	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:HU
 Test Date:2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.1313]
 Remarks:

ISOCANDELA DIAGRAM

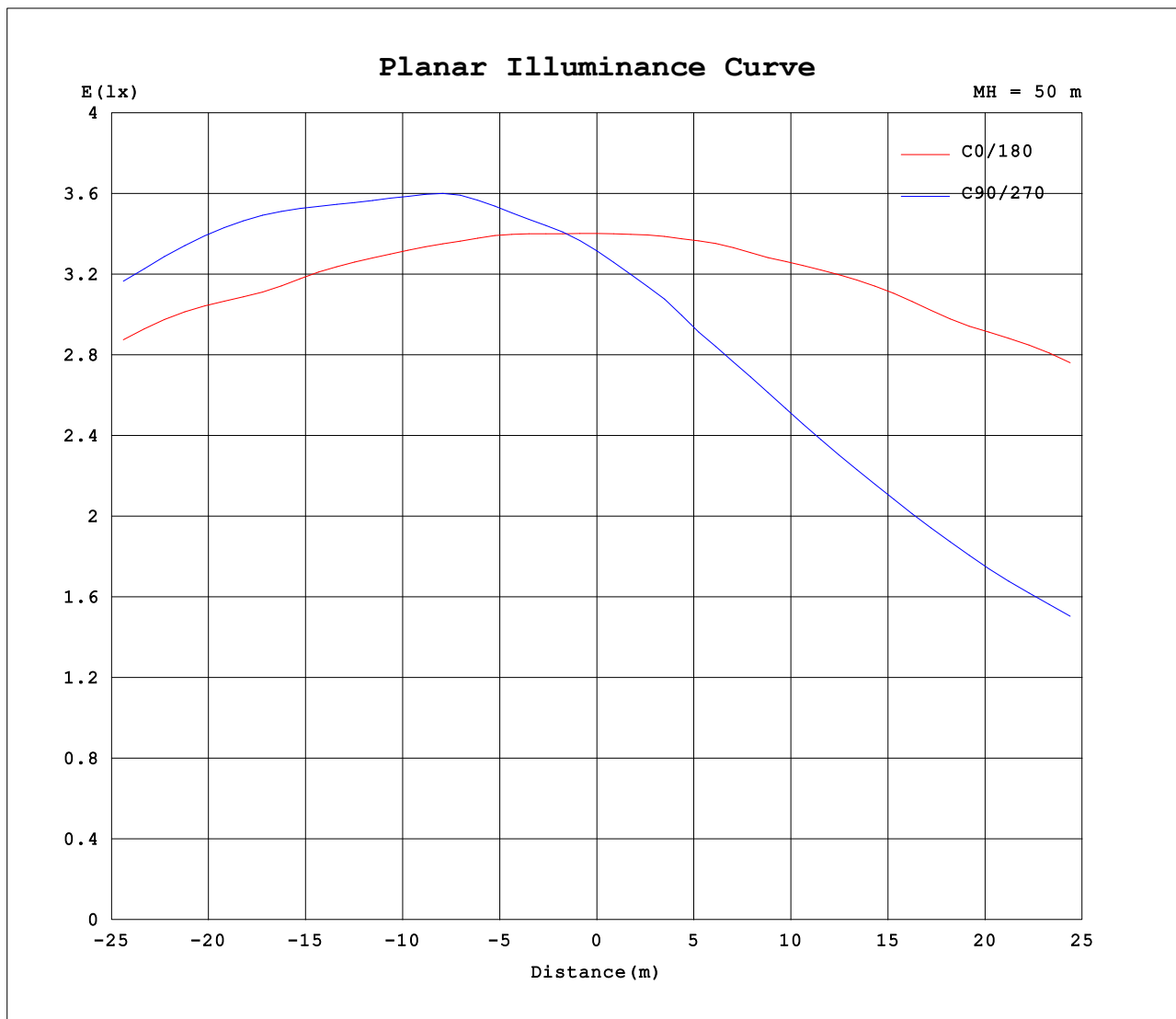
Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: HU
Test Date: 2025-12-02

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.1313]
Remarks:

Planar Illuminance Curve



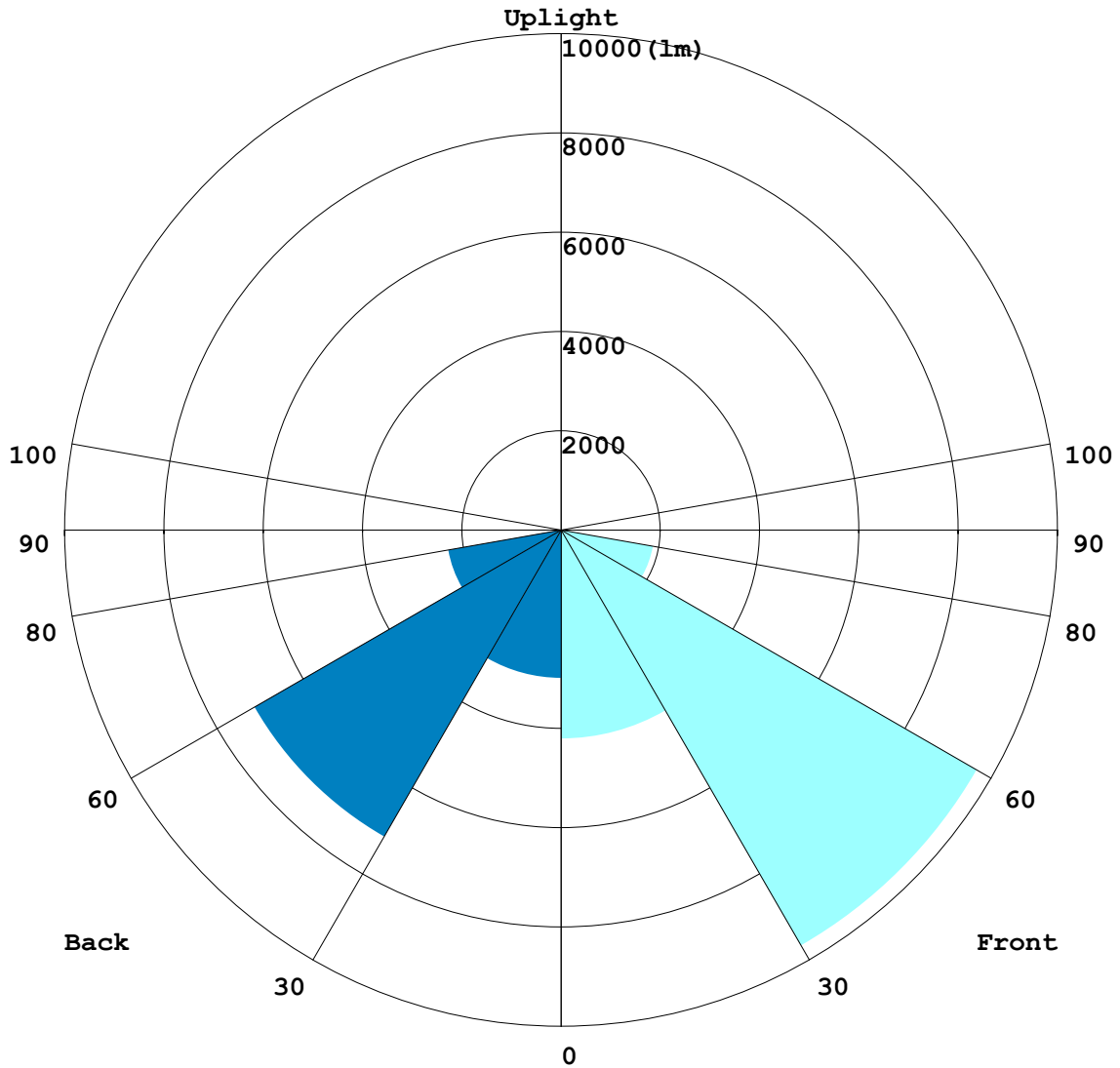
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: HU
 Test Date: 2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=1.1313]
 Remarks:

LCS REPORT

Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz		
Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:HU
 Test Date:2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.1313]
 Remarks:

BUG REPORT

Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4198.4	14.9
FM - Front-Medium(30-60)	9666.3	34.2
FH - Front-High(60-80)	1879.2	6.7
FVH - Front-Very High(80-90)	36.785	0.1
Total Forward Light	15791	55.9

BL - Back-Low(0-30)	2979.2	10.5
BM - Back-Medium(30-60)	7133.9	25.3
BH - Back-High(60-80)	2310.8	8.2
BVH - Back-Very High(80-90)	35.244	0.1
Total Back Light	12461	44.1

UL - Uplight-Low(90-100)	11.516	0.0
UH - Uplight-High(100-180)	0.42588	0.0
Total Up Light	11.941	0.0

BUG(Back,Up,Glare) Rating	B4-U2-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12459	1.9761	12461
Street Side	15781	9.9653	15791

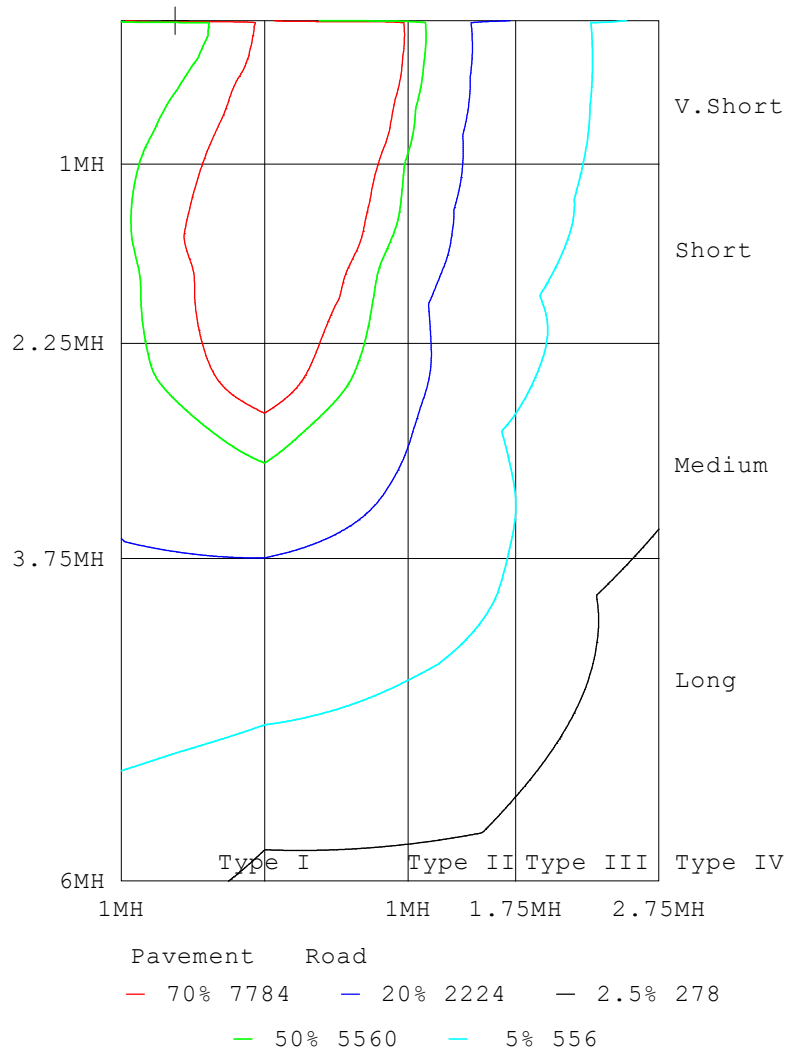
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:HU
Test Date:2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1313]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz		
Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:HU
 Test Date:2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.1313]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	851	845	842	836	835	829	829	824	824	821	822	821	851	845	842	836	835	829	829
5	859	868	876	878	884	883	886	878	874	863	854	840	854	831	810	787	776	762	758
10	873	894	917	931	943	941	941	935	931	911	890	863	859	817	779	741	708	691	684
15	898	932	962	979	989	987	984	975	971	956	934	896	880	818	752	699	652	629	619
20	930	968	1005	1022	1039	1042	1044	1035	1028	1000	976	930	898	823	742	672	609	576	565
25	984	1013	1038	1058	1081	1084	1084	1080	1076	1049	1006	973	944	857	737	645	574	536	525
30	997	1042	1069	1084	1099	1106	1110	1106	1099	1074	1040	1003	961	864	728	617	550	507	492
35	1005	1051	1077	1085	1086	1100	1100	1104	1100	1078	1053	1003	965	863	714	601	526	483	466
40	1039	1073	1076	1051	1029	1023	1003	1028	1040	1049	1047	1019	995	880	705	586	504	467	448
45	1073	1088	1046	966	876	771	727	772	879	962	1015	1037	1027	892	695	566	488	450	431
50	1103	1094	972	811	595	505	462	502	586	787	939	1048	1056	895	675	543	465	421	403
55	1140	1084	836	531	353	267	229	263	341	515	802	1037	1084	888	639	502	421	365	345
60	1084	943	579	302	165	113	96.7	107	158	289	584	933	1047	822	581	428	330	245	210
65	1036	765	294	115	76.9	63.5	60.2	62.4	74.1	129	272	714	1033	730	429	300	202	130	109
70	666	405	98.9	53.6	46.7	43.3	40.9	43.6	48.7	54.4	114	419	770	508	274	137	97.9	52.9	38.8
75	123	98.2	36.9	32.3	28.2	27.5	24.7	27.7	30.1	34.7	40.9	148	228	230	111	57.2	36.1	13.7	3.04
80	20.1	20.9	17.2	15.7	14.5	12.8	9.91	13.0	15.8	17.4	20.1	29.9	29.5	51.9	31.0	25.3	17.6	5.10	0.39
85	4.19	4.14	4.07	4.61	4.05	4.09	4.16	4.33	4.43	5.90	5.77	9.37	5.93	6.70	7.56	6.50	4.51	1.23	0.32
90	0.64	1.13	1.75	2.27	2.67	2.97	3.13	3.09	2.82	2.40	1.95	2.24	1.19	1.46	1.60	1.11	0.98	0.44	0.31
95	0.59	1.00	1.59	2.03	2.26	2.20	2.05	2.30	2.42	2.18	1.74	1.16	0.27	0.28	0.26	0.24	0.22	0.25	0.32
100	0.63	0.89	1.38	1.67	1.59	1.10	0.69	1.14	1.70	1.82	1.52	1.03	0.34	0.32	0.30	0.26	0.26	0.29	0.35
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:HU
 Test Date:2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.1313]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:49.60V I:3.030A P:150.29W PF:1.000 Freq:0Hz Lamp Flux:28251.8x1 lm		
NAME: AN-SSL-I-150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025120203
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	824	824	821	822	821														
5	757	766	779	796	814														
10	690	708	738	775	813														
15	632	659	707	765	827														
20	584	621	689	766	861														
25	547	587	658	765	891														
30	518	565	633	741	883														
35	494	540	619	728	883														
40	477	519	604	723	897														
45	459	503	583	711	905														
50	429	473	552	685	909														
55	365	416	494	637	897														
60	226	309	399	543	771														
65	122	179	256	365	626														
70	48.9	88.6	107	210	339														
75	10.7	28.8	44.0	56.7	103														
80	3.19	13.9	21.6	22.8	19.9														
85	0.94	3.24	4.50	4.75	3.85														
90	0.43	0.88	0.76	0.58	0.43														
95	0.33	0.29	0.26	0.27	0.27														
100	0.36	0.33	0.31	0.32	0.35														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:HU
 Test Date:2025-12-02

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.1313]
 Remarks: