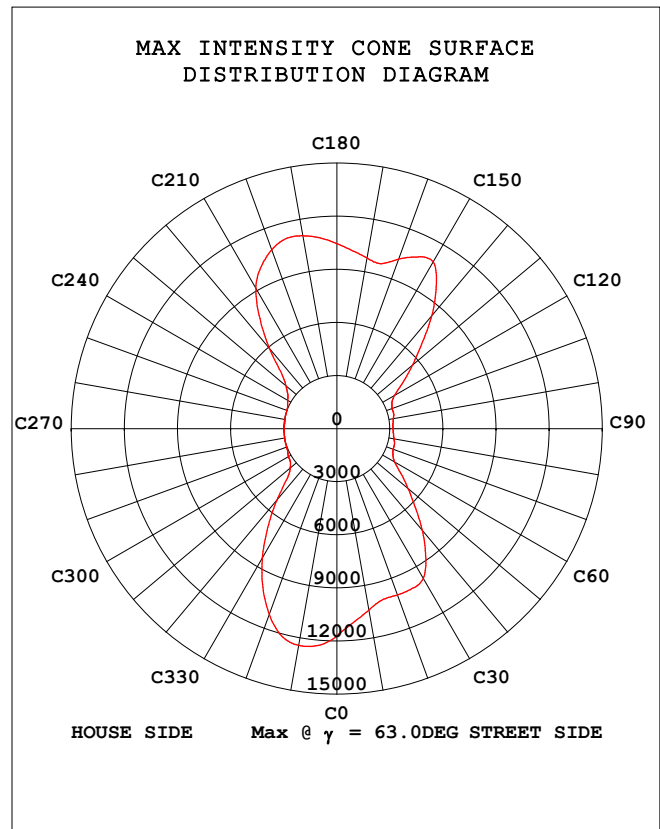
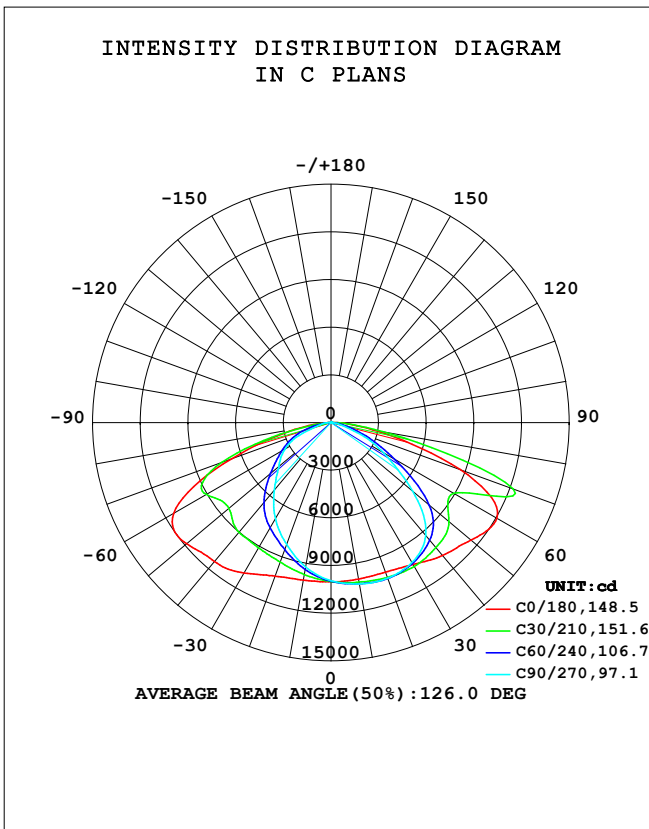


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 185.06 lm/W			
MODEL	ASD-LSB5BHV-NEOX-200BR	I _{max} (cd)	12431	η street_up (%)	0.0
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	54.0
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	37446	η house_up (%)	0.0
NOMINAL FLUX (lm)	37446	MAXIMUM @ (C, γ)	350,63.0	η house_down (%)	46.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	277	η down (%)	100.0	SLI	

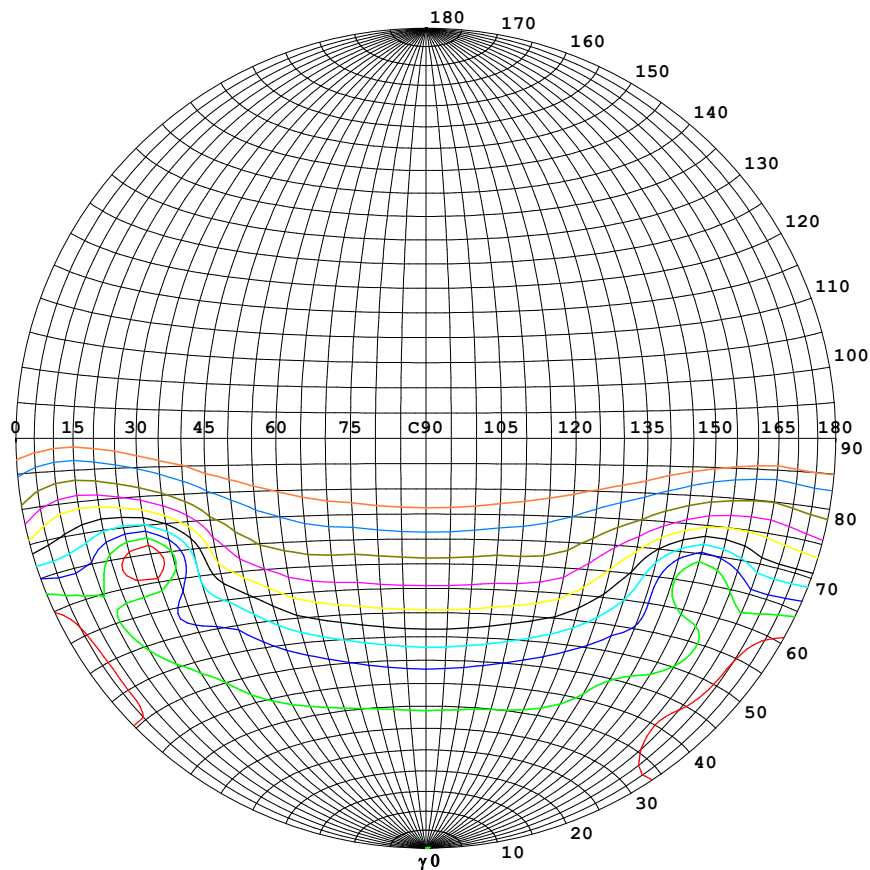


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.850m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



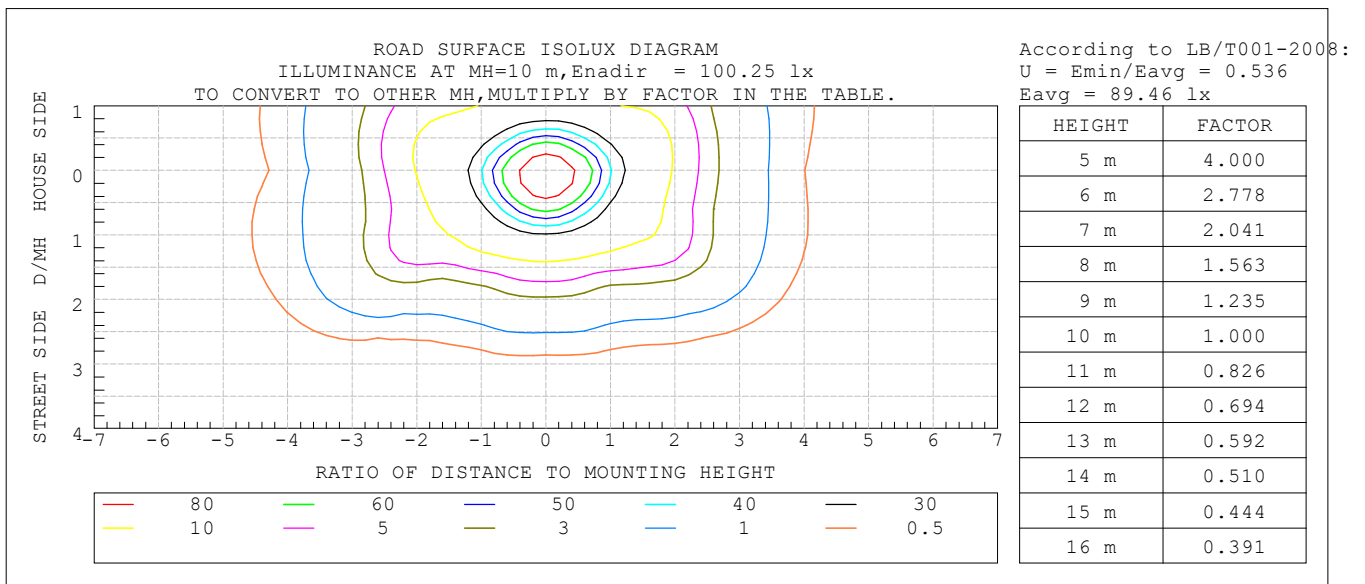
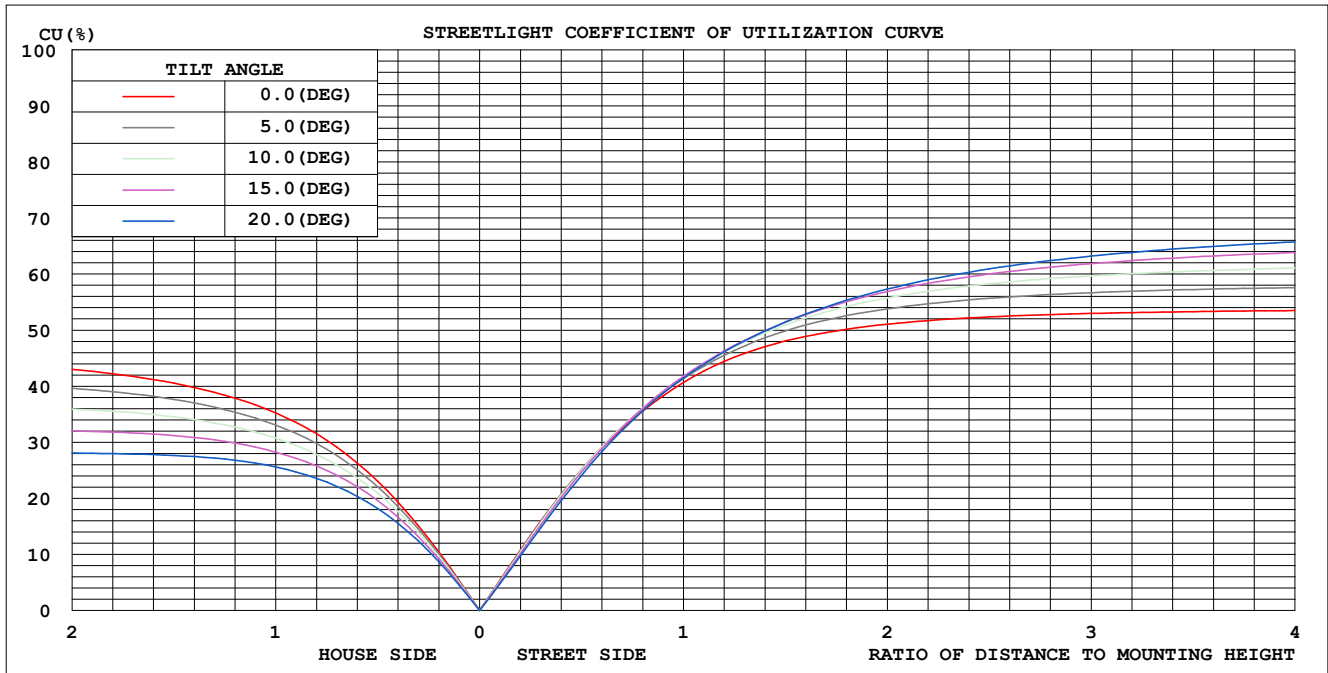
Classification:

IES:Type III - Short
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:115.5cd/klm
Max.At90:0cd/klm
Max.80-90:115.5cd/klm
NRB 5101:Semi limited[17.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	12431
90%	11188
80%	9944
70%	8701
60%	7458
50%	6215
40%	4972
30%	3729
20%	2486
10%	1243
5%	622

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.850m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

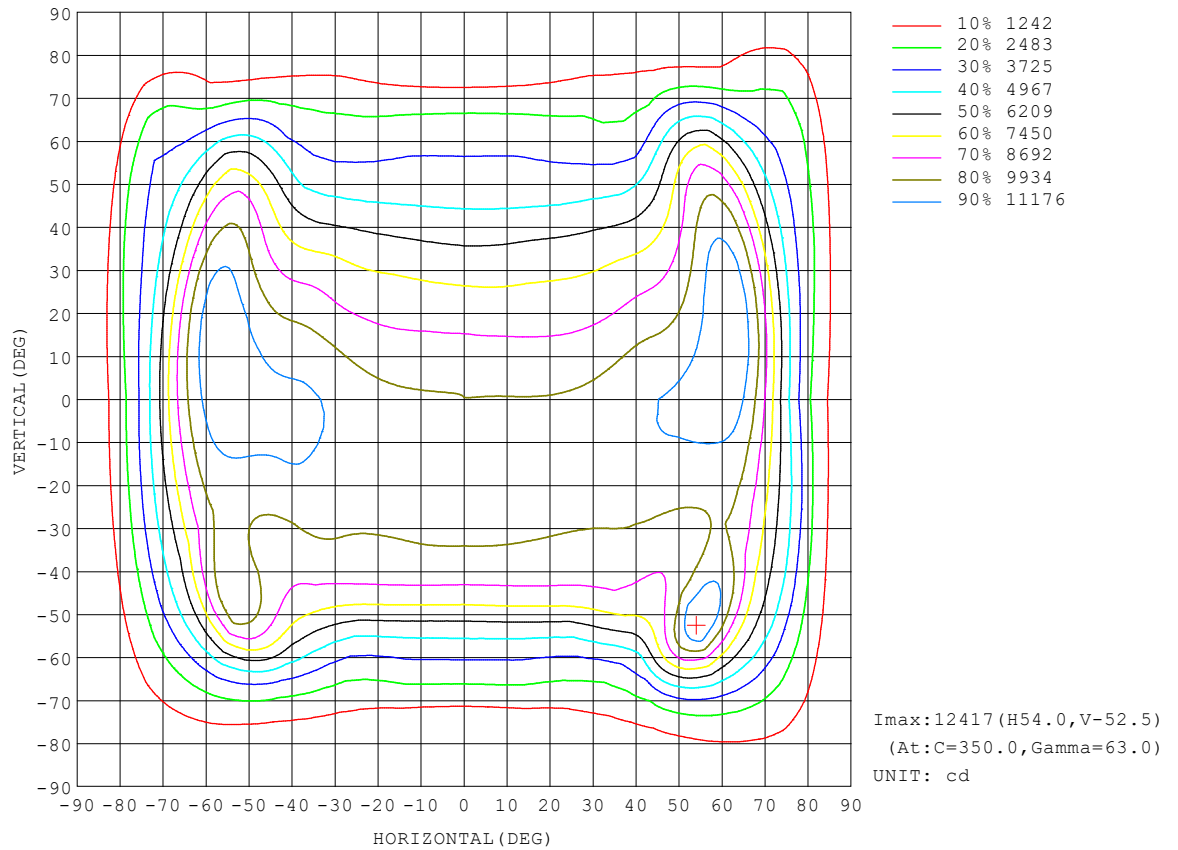
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1000	1025	1031	1024	1007	952.8	922.9	942.7	0- 10	946.9	946.9	2.53,2.53
20	1002	1043	1042	1047	1029	886.7	817.4	869.7	10- 20	2767	3714	9.92,9.92
30	1032	1034	1018	1038	1093	822.2	700.0	795.0	20- 30	4411	8125	21.7,21.7
40	1093	991.8	927.3	998.2	1141	759.6	555.9	725.1	30- 40	5783	13908	37.1,37.1
50	1151	923.4	671.0	913.2	1187	634.9	430.3	616.1	40- 50	6605	20513	54.8,54.8
60	1205	731.4	385.1	742.7	1143	478.9	334.6	448.4	50- 60	6650	27163	72.5,72.5
70	864.8	421.4	154.3	456.7	665.9	345.8	170.1	305.4	60- 70	6104	33267	88.8,88.8
80	269.4	131.6	32.92	104.5	199.4	100.7	55.43	131.5	70- 80	3423	36691	98,98
90	0	0	0	0	0	0	0	0	80- 90	755.4	37446	100,100
100	0	0	0	0	0	0	0	0	90-100	0	37446	100,100
110	0	0	0	0	0	0	0	0	100-110	0	37446	100,100
120	0	0	0	0	0	0	0	0	110-120	0	37446	100,100
130	0	0	0	0	0	0	0	0	120-130	0	37446	100,100
140	0	0	0	0	0	0	0	0	130-140	0	37446	100,100
150	0	0	0	0	0	0	0	0	140-150	0	37446	100,100
160	0	0	0	0	0	0	0	0	150-160	0	37446	100,100
170	0	0	0	0	0	0	0	0	160-170	0	37446	100,100
180	0	0	0	0	0	0	0	0	170-180	0	37446	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

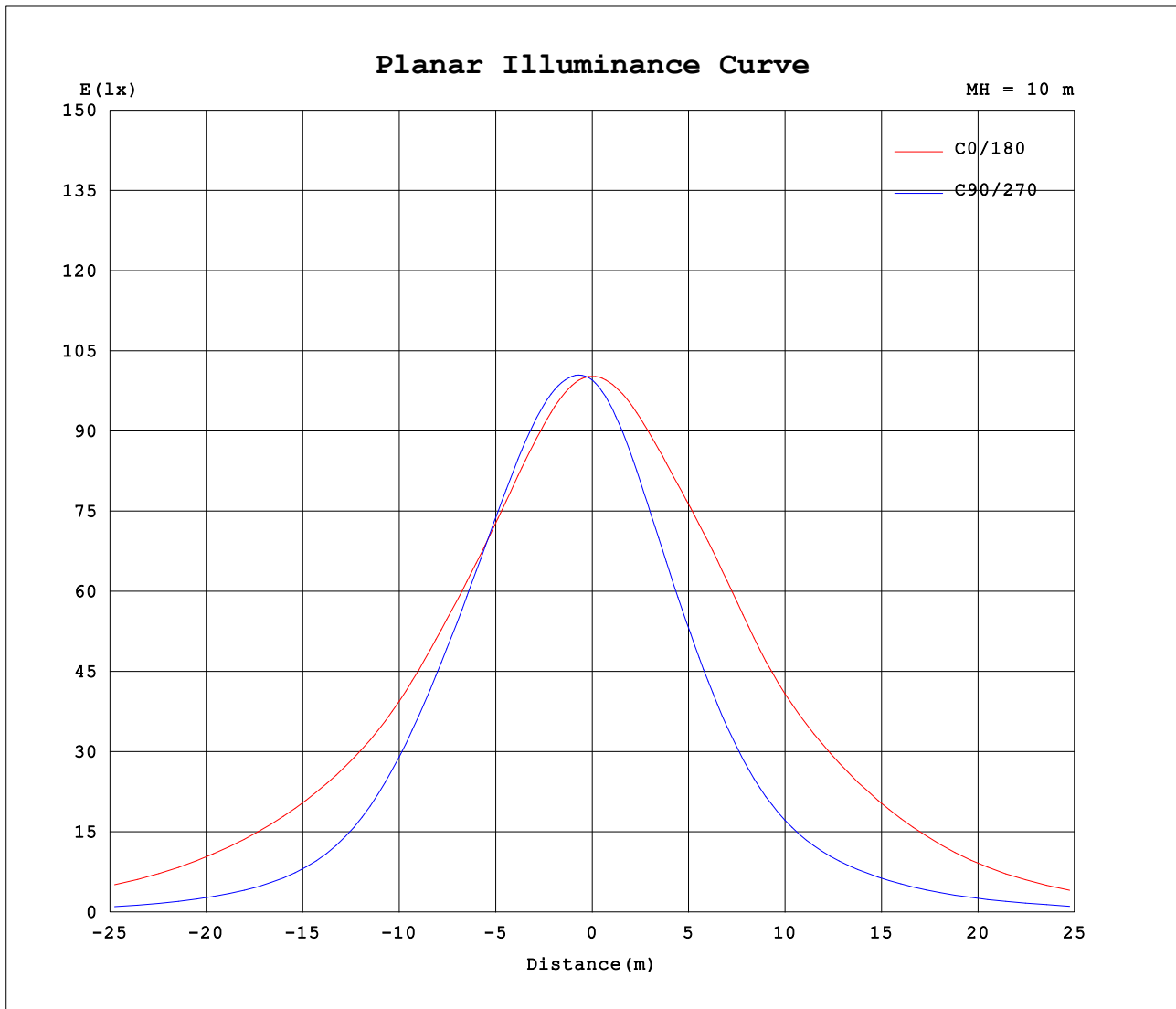
Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

Planar Illuminance Curve

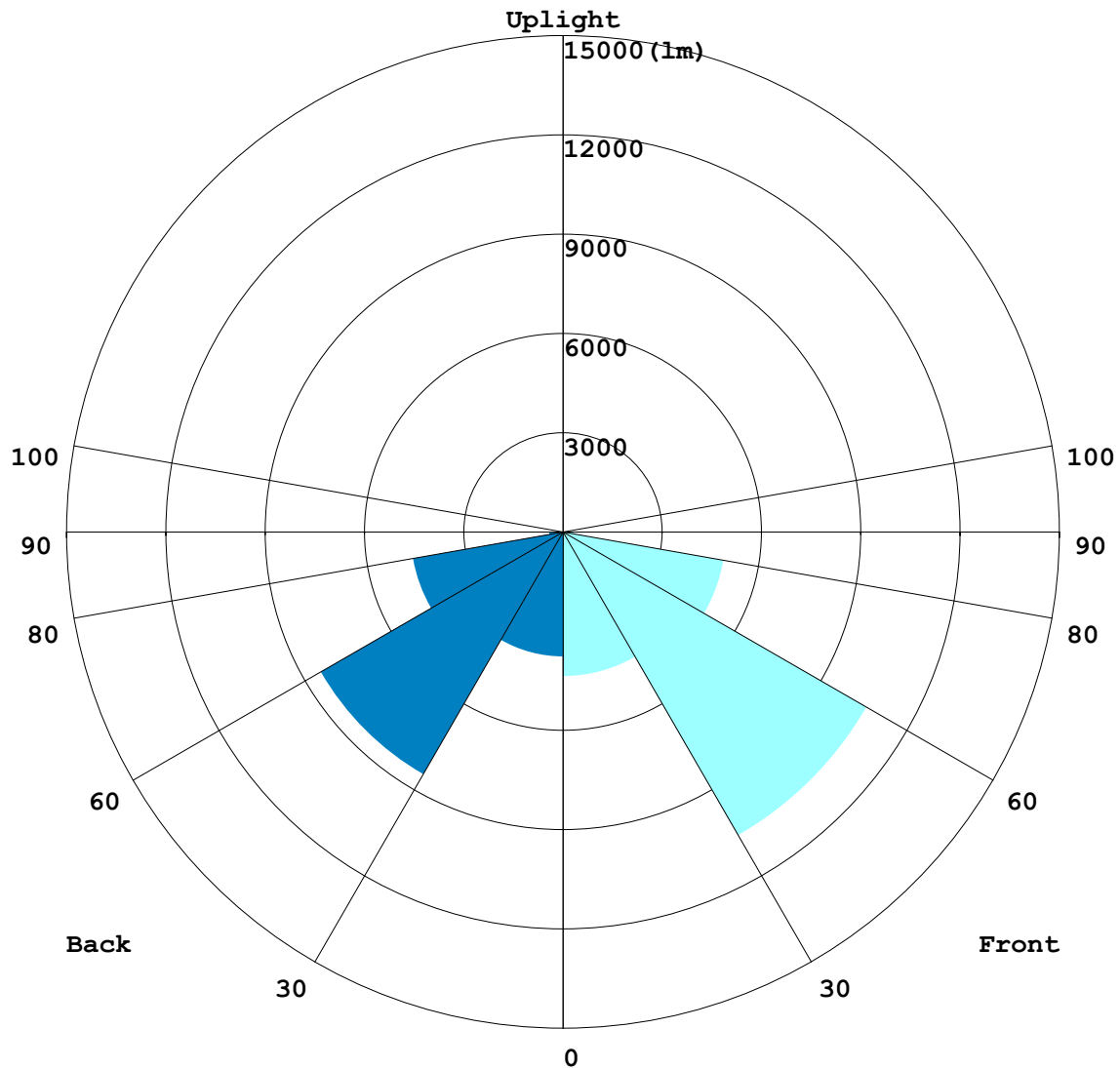


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.850m [K=1.0000]
Remarks:

LCS REPORT

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4359.9	11.6
FM - Front-Medium(30-60)	10585	28.3
FH - Front-High(60-80)	4923.5	13.1
FVH - Front-Very High(80-90)	343.74	0.9
Total Forward Light	20212	54.0

BL - Back-Low(0-30)	3765.1	10.1
BM - Back-Medium(30-60)	8452.7	22.6
BH - Back-High(60-80)	4604.1	12.3
BVH - Back-Very High(80-90)	411.66	1.1
Total Back Light	17234	46.0

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	B4-U0-G4
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	17234	0	17234
Street Side	20212	0	20212

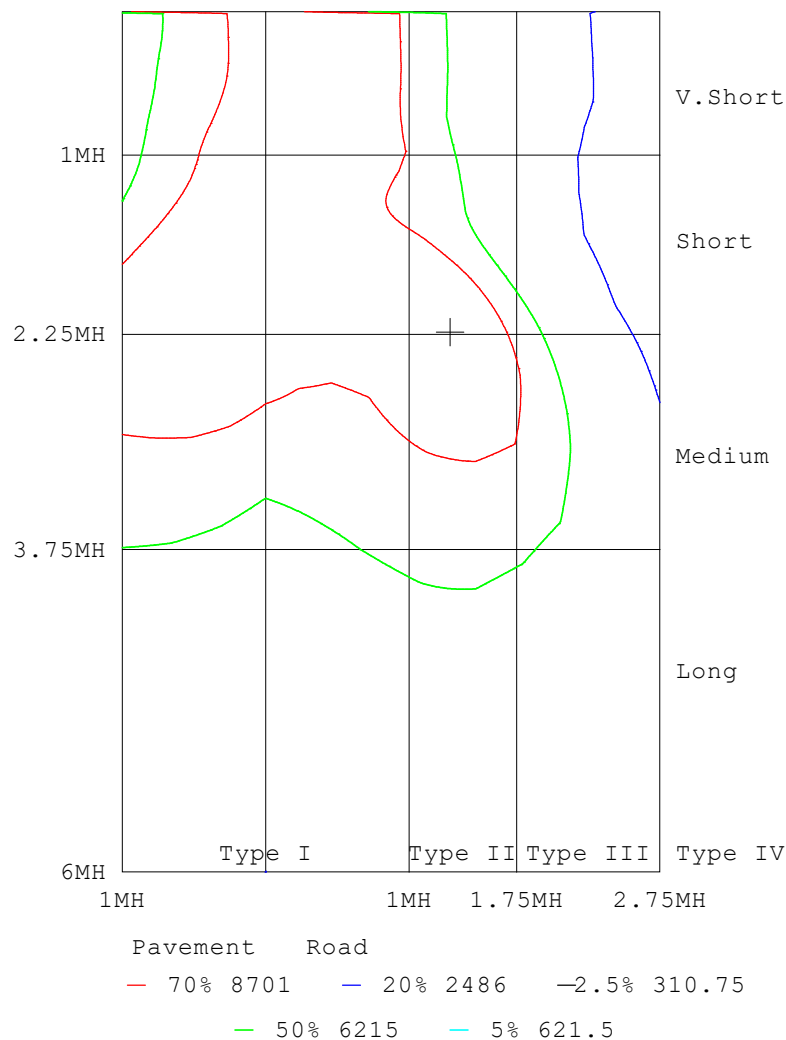
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1003	1002	1001	1001	1001	1001	1001	1000	1000	999	999	999	999	998	997	997	996	996	996
5	1002	1004	1005	1007	1008	1010	1012	1013	1013	1014	1015	1016	1017	1017	1017	1017	1016	1016	1016
10	1000	1004	1008	1011	1014	1017	1020	1022	1024	1025	1027	1029	1030	1031	1031	1031	1031	1031	1031
15	999	1005	1011	1016	1021	1025	1029	1031	1034	1036	1038	1039	1041	1041	1042	1042	1042	1042	1041
20	1002	1011	1019	1025	1030	1034	1037	1040	1042	1043	1044	1044	1045	1045	1045	1044	1044	1043	1042
25	1012	1022	1031	1037	1041	1043	1044	1044	1044	1042	1041	1040	1039	1039	1038	1037	1037	1036	1035
30	1032	1041	1048	1052	1052	1050	1046	1043	1038	1034	1031	1028	1026	1024	1022	1021	1020	1019	1018
35	1062	1067	1069	1068	1060	1051	1040	1031	1023	1016	1011	1006	1002	998	995	992	989	987	986
40	1093	1096	1094	1086	1068	1048	1028	1014	1002	992	983	974	966	958	950	942	935	930	927
45	1117	1117	1111	1098	1072	1042	1013	995	979	964	947	929	911	892	873	855	840	829	823
50	1151	1129	1105	1076	1039	1002	969	953	940	923	888	848	807	771	739	712	691	678	671
55	1193	1140	1089	1039	986	938	898	887	876	856	789	714	641	598	567	544	527	517	513
60	1205	1129	1062	1005	964	928	891	846	794	731	639	546	465	430	413	406	395	388	385
65	1114	1049	1008	990	1038	1079	1083	930	743	555	450	375	326	303	294	294	285	279	275
70	865	833	838	879	1028	1160	1219	994	707	421	307	243	214	191	182	179	168	159	154
75	531	585	632	673	733	768	758	613	439	269	194	148	123	102	90.8	85.3	78.7	74.9	73.7
80	269	353	408	433	420	384	331	264	195	132	97.1	73.8	59.3	48.9	42.9	39.8	36.2	33.9	32.9
85	111	147	170	177	166	144	116	90.2	64.9	42.7	29.8	21.1	15.6	11.7	9.44	8.10	6.00	4.36	3.35
90	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
95	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
100	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
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: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--2

UNIT: X10cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	995	994	994	994	994	994	994	993	993	993	994	994	994	993	994	997	1000	1003	1003
5	1015	1015	1014	1013	1013	1012	1011	1011	1009	1008	1007	1006	1004	1003	1001	1002	1003	1004	1001
10	1030	1030	1029	1029	1028	1027	1026	1025	1024	1023	1021	1019	1016	1013	1011	1010	1009	1007	1002
15	1041	1040	1040	1040	1039	1039	1038	1038	1037	1036	1035	1034	1031	1028	1024	1022	1018	1014	1005
20	1042	1042	1042	1042	1043	1044	1045	1046	1047	1048	1049	1050	1049	1047	1044	1041	1036	1029	1017
25	1035	1035	1035	1036	1037	1038	1041	1045	1049	1053	1057	1061	1065	1068	1069	1068	1064	1056	1040
30	1018	1019	1020	1020	1021	1023	1026	1031	1038	1045	1054	1063	1074	1085	1093	1098	1099	1093	1076
35	987	989	992	993	995	998	1003	1010	1018	1030	1044	1060	1080	1099	1116	1127	1131	1127	1109
40	930	936	943	950	957	965	974	985	998	1017	1038	1060	1086	1110	1131	1142	1146	1141	1122
45	828	838	852	869	888	908	929	950	972	991	1010	1031	1059	1087	1113	1137	1153	1156	1132
50	674	685	703	730	761	797	838	878	913	929	943	959	996	1038	1082	1129	1166	1187	1170
55	514	522	537	558	588	630	698	770	838	874	903	930	970	1014	1059	1115	1165	1201	1207
60	387	392	402	408	425	460	541	638	743	848	943	1018	1031	1030	1026	1062	1104	1143	1176
65	277	282	290	287	296	326	402	504	629	811	980	1105	1066	986	900	902	923	954	986
70	157	164	174	177	189	216	274	355	457	623	780	895	851	767	673	655	654	666	679
75	74.5	78.1	84.6	91.4	104	123	155	198	251	332	411	477	492	487	469	442	415	398	423
80	33.4	35.1	38.0	40.8	45.7	53.6	65.7	82.4	104	140	176	210	229	241	244	223	205	199	261
85	3.57	4.41	5.69	6.75	8.26	10.4	13.0	17.0	22.8	33.6	45.4	57.1	66.8	74.0	77.8	68.3	59.9	58.3	91.6
90	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
95	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
100	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
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: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--3

UNIT: X10cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1002	1001	1001	1001	1001	1000	1000	999	999	999	999	998	997	997	996	996	996	995	994
5	999	995	993	990	988	985	982	979	977	975	973	971	969	967	966	965	965	964	963
10	996	990	984	978	972	965	959	953	948	943	939	935	930	927	925	924	923	922	922
15	996	985	974	964	953	942	931	921	912	904	897	890	884	879	875	873	872	871	871
20	1003	986	970	953	935	918	902	887	874	862	852	842	834	827	822	819	817	816	817
25	1020	998	973	947	921	897	874	854	836	821	808	795	785	776	769	764	761	760	761
30	1051	1021	986	948	911	879	849	822	801	783	766	750	736	724	713	705	700	700	703
35	1083	1048	1002	953	904	862	824	791	764	741	720	698	678	661	646	636	631	631	637
40	1093	1055	1008	956	902	852	804	760	722	688	657	629	605	586	571	561	556	557	564
45	1095	1047	993	935	876	820	765	713	664	619	580	551	528	511	498	490	487	487	492
50	1133	1078	1005	924	840	766	698	635	580	534	497	473	457	446	437	432	430	430	433
55	1190	1148	1064	963	852	743	641	551	492	450	423	408	401	399	393	388	386	387	390
60	1191	1180	1115	1022	906	758	610	479	415	377	358	345	340	340	337	335	335	336	338
65	1012	1023	1009	967	893	739	573	421	354	316	299	283	276	275	272	272	272	272	274
70	696	712	740	752	732	615	478	346	289	256	237	215	199	187	178	172	170	173	180
75	455	483	485	472	442	378	306	238	201	175	155	132	114	99.8	93.2	90.7	91.2	90.6	93.2
80	326	371	323	253	177	141	117	101	91.3	86.0	82.4	73.7	65.3	58.3	55.7	55.0	55.4	54.7	55.4
85	126	150	125	88.1	49.9	35.9	28.5	26.0	25.7	27.1	29.0	28.2	27.0	25.7	25.1	24.9	25.0	25.4	26.4
90	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
95	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
100	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
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: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:278.44V I:0.7292A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:37446x1 lm		
NAME: ASD-LSB5BHV-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--4

UNIT: X10cd

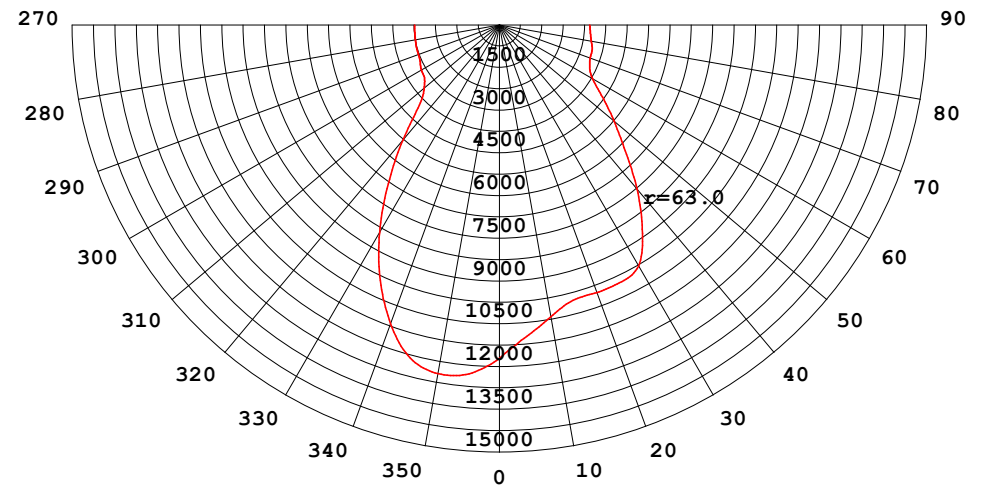
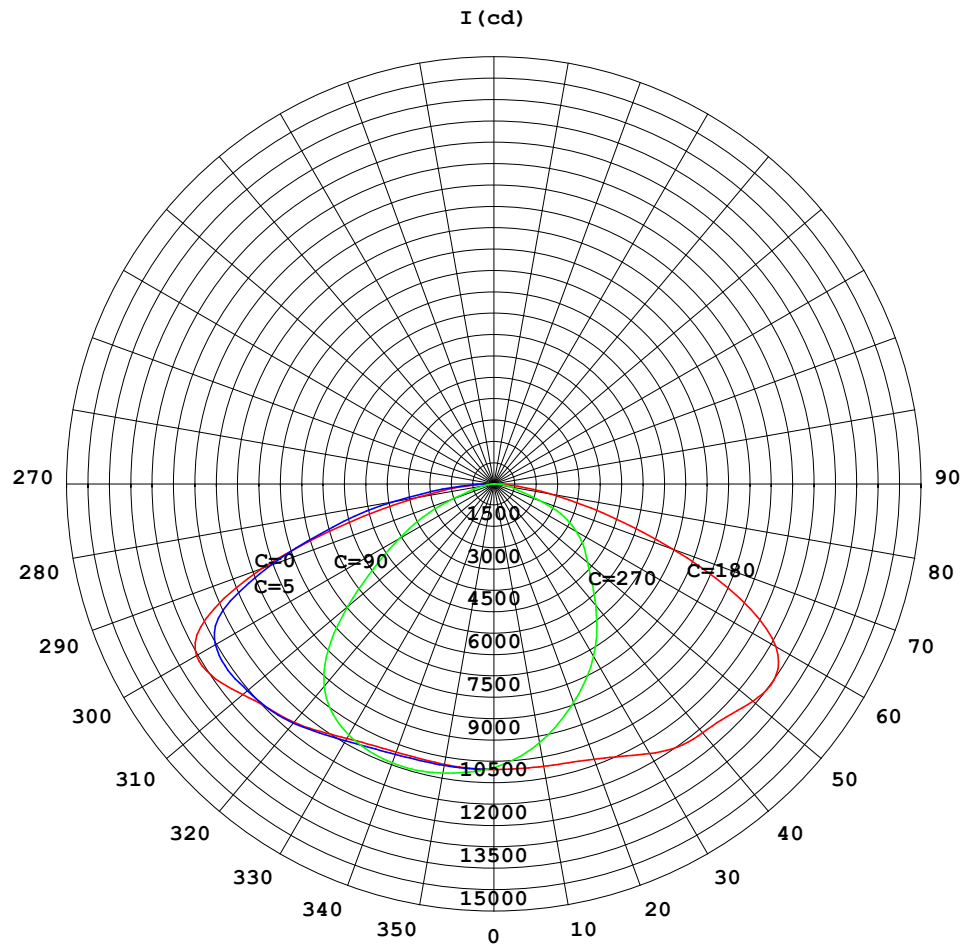
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	994	994	994	994	994	993	993	993	994	994	994	993	994	996	999				
5	963	964	966	967	968	970	972	974	976	979	981	983	986	991	996				
10	922	924	927	931	934	938	943	948	954	960	965	970	976	983	991				
15	872	876	881	887	893	900	908	917	926	936	945	955	964	975	987				
20	819	824	830	839	848	858	870	883	896	911	925	939	954	970	986				
25	765	772	781	792	804	817	832	848	867	886	907	928	949	970	991				
30	709	720	733	748	762	778	795	816	839	864	893	923	952	980	1006				
35	647	663	682	702	721	740	761	786	814	845	884	925	965	1000	1032				
40	575	593	616	641	667	695	725	757	792	831	881	933	984	1025	1061				
45	502	517	538	565	599	637	680	724	771	821	878	936	991	1038	1080				
50	439	448	464	486	522	566	616	671	731	794	861	928	993	1050	1103				
55	395	397	403	416	444	483	534	605	686	774	866	956	1038	1102	1154				
60	341	341	345	354	368	397	448	548	667	795	929	1051	1152	1203	1221				
65	276	278	283	293	293	313	368	522	701	881	1018	1126	1197	1213	1186				
70	190	202	216	234	231	249	305	489	692	881	962	1000	1002	985	939				
75	100.0	115	134	157	166	189	237	373	519	648	682	681	656	629	588				
80	58.4	66.1	76.3	88.5	95.7	109	132	184	243	302	351	386	402	384	339				
85	28.0	30.8	34.0	37.1	37.5	38.9	42.7	47.6	59.9	82.9	146	208	251	239	192				
90	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				
95	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				
100	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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

FLUX DATA:

LOR:	100.0 %
STREET DOWN:	20212 lm
STREET UP:	0 lm
HOUSE DOWN:	17234 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 12431 \text{ cd}$

