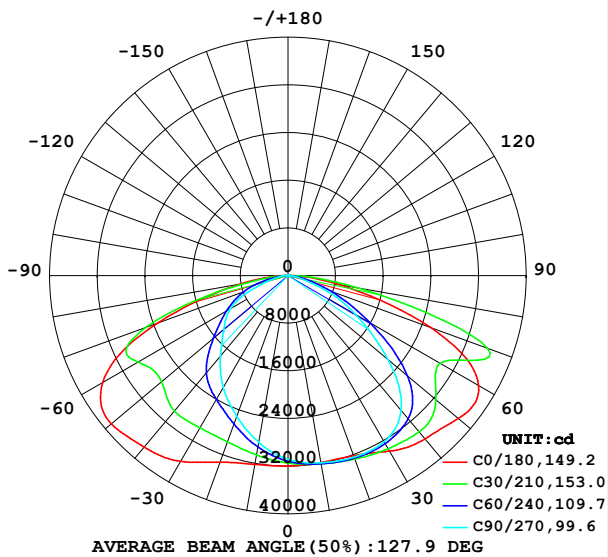
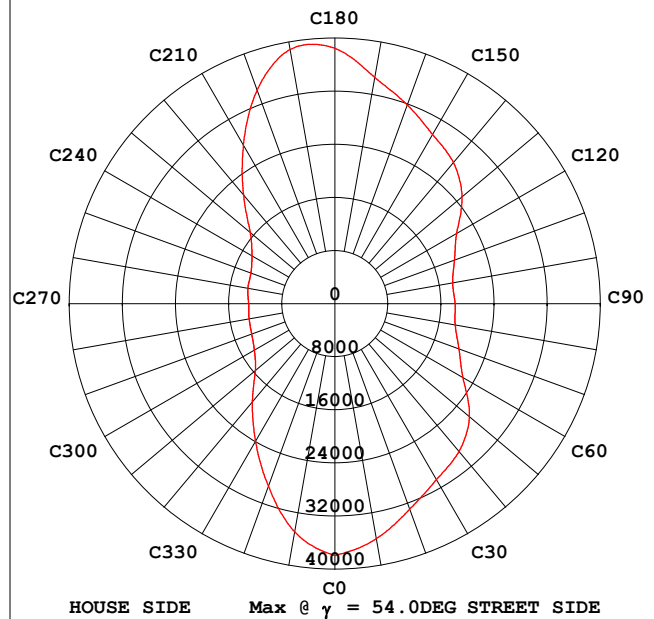


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.58 lm/W			
MODEL	ASD-LSB5BHV-PRO-750BR	I _{max} (cd)	39213	η street_up (%)	0.0
NOMINAL POWER (W)	750	LOR (%)	100.0	η street_down (%)	54.0
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	120549	η house_up (%)	0.0
NOMINAL FLUX (lm)	120549	MAXIMUM @ (C, γ)	185,54.0	η house_down (%)	46.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	277	η down (%)	100.0	SLI	

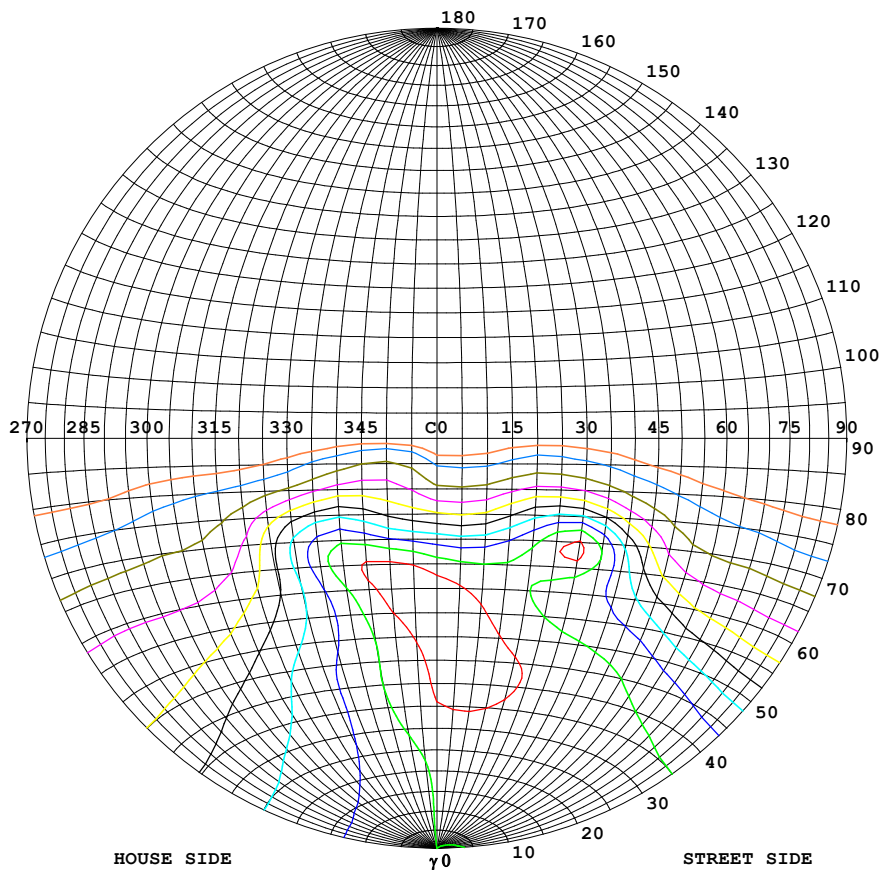
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		



Classification:

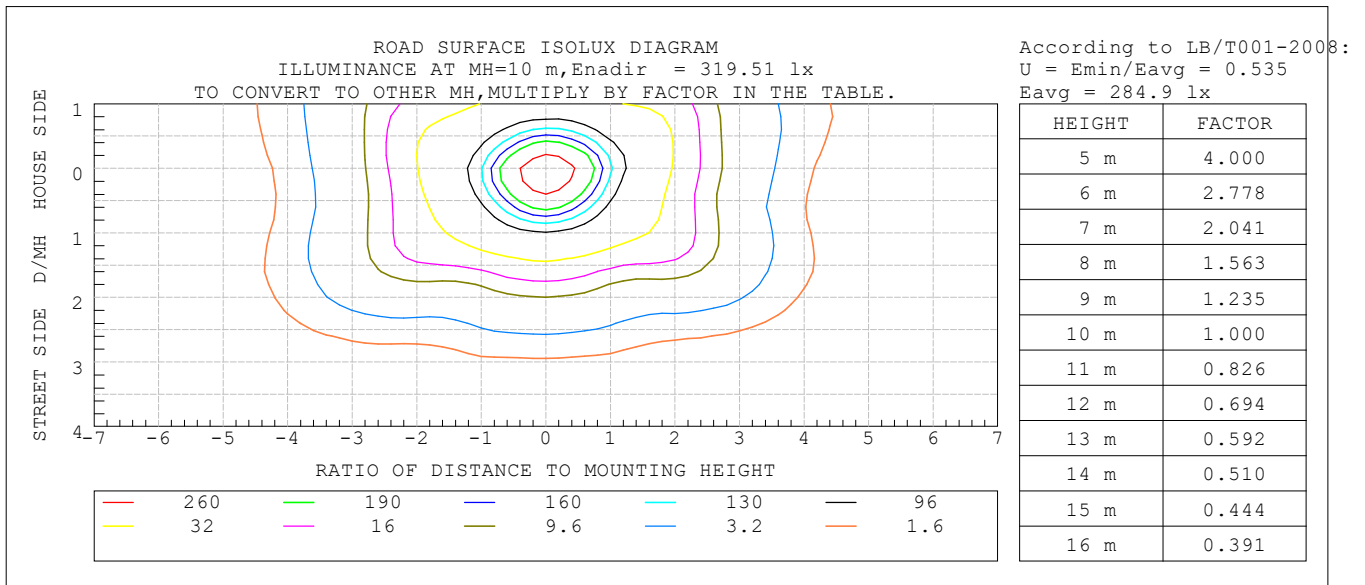
IES:Type III - Short
CIE:Average - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:115.4cd/klm
Max.At90:0cd/klm
Max.80-90:115.4cd/klm
NRB 5101:Semi limited[17.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	39213
90%	35291
80%	31370
70%	27449
60%	23528
50%	19606
40%	15685
30%	11764
20%	7843
10%	3921
5%	1961

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

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: 25 May 2025

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

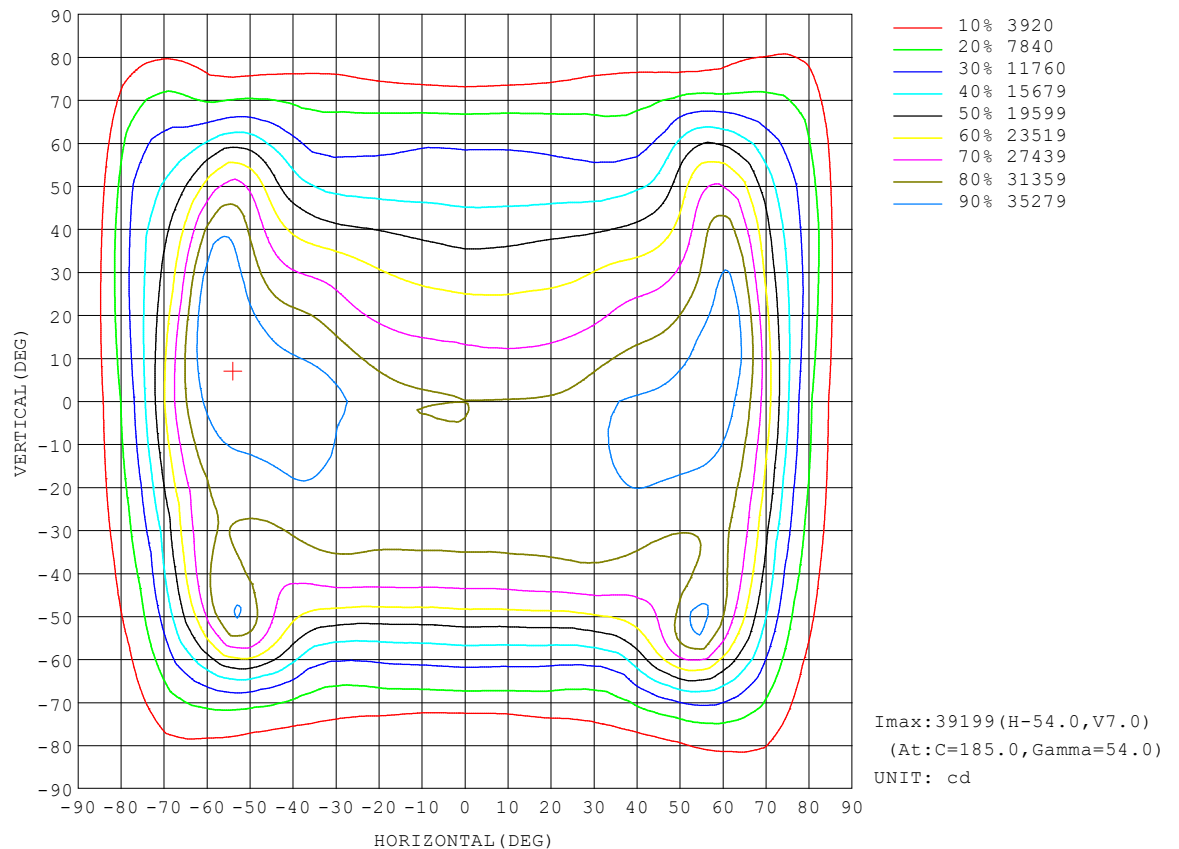
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3185	3210	3190	3171	3217	2982	2842	2898	0- 10	2948	2948	2.45,2.45
20	3217	3271	3244	3265	3333	2788	2516	2682	10- 20	8636	11584	9.61,9.61
30	3403	3294	3223	3283	3601	2617	2174	2474	20- 30	13941	25524	21.2,21.2
40	3577	3261	2956	3237	3758	2490	1768	2288	30- 40	18601	44125	36.6,36.6
50	3732	3022	2189	2905	3873	2081	1407	1934	40- 50	21409	65535	54.4,54.4
60	3694	2395	1306	2261	3594	1605	1120	1428	50- 60	21414	86949	72.1,72.1
70	2551	1626	571.1	1459	2327	1173	547.3	983.5	60- 70	19515	106464	88.3,88.3
80	858.2	508.3	140.7	401.5	791.7	391.1	173.8	416.3	70- 80	11297	117760	97.7,97.7
90	0	0	0	0	0	0	0	0	80- 90	2789	120549	100,100
100	0	0	0	0	0	0	0	0	90-100	0	120549	100,100
110	0	0	0	0	0	0	0	0	100-110	0	120549	100,100
120	0	0	0	0	0	0	0	0	110-120	0	120549	100,100
130	0	0	0	0	0	0	0	0	120-130	0	120549	100,100
140	0	0	0	0	0	0	0	0	130-140	0	120549	100,100
150	0	0	0	0	0	0	0	0	140-150	0	120549	100,100
160	0	0	0	0	0	0	0	0	150-160	0	120549	100,100
170	0	0	0	0	0	0	0	0	160-170	0	120549	100,100
180	0	0	0	0	0	0	0	0	170-180	0	120549	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:25 May 2025

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

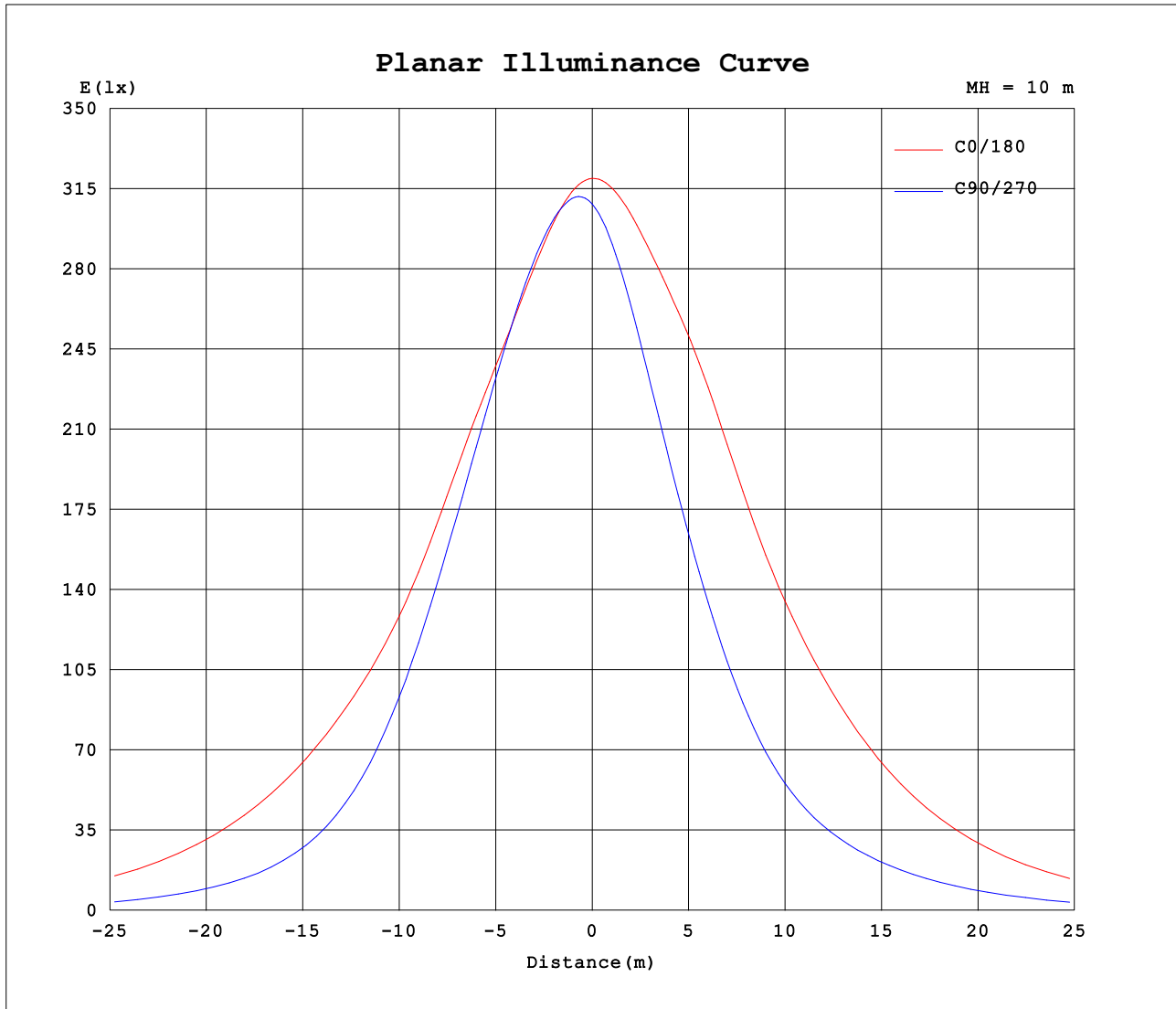
Test:U:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		



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

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



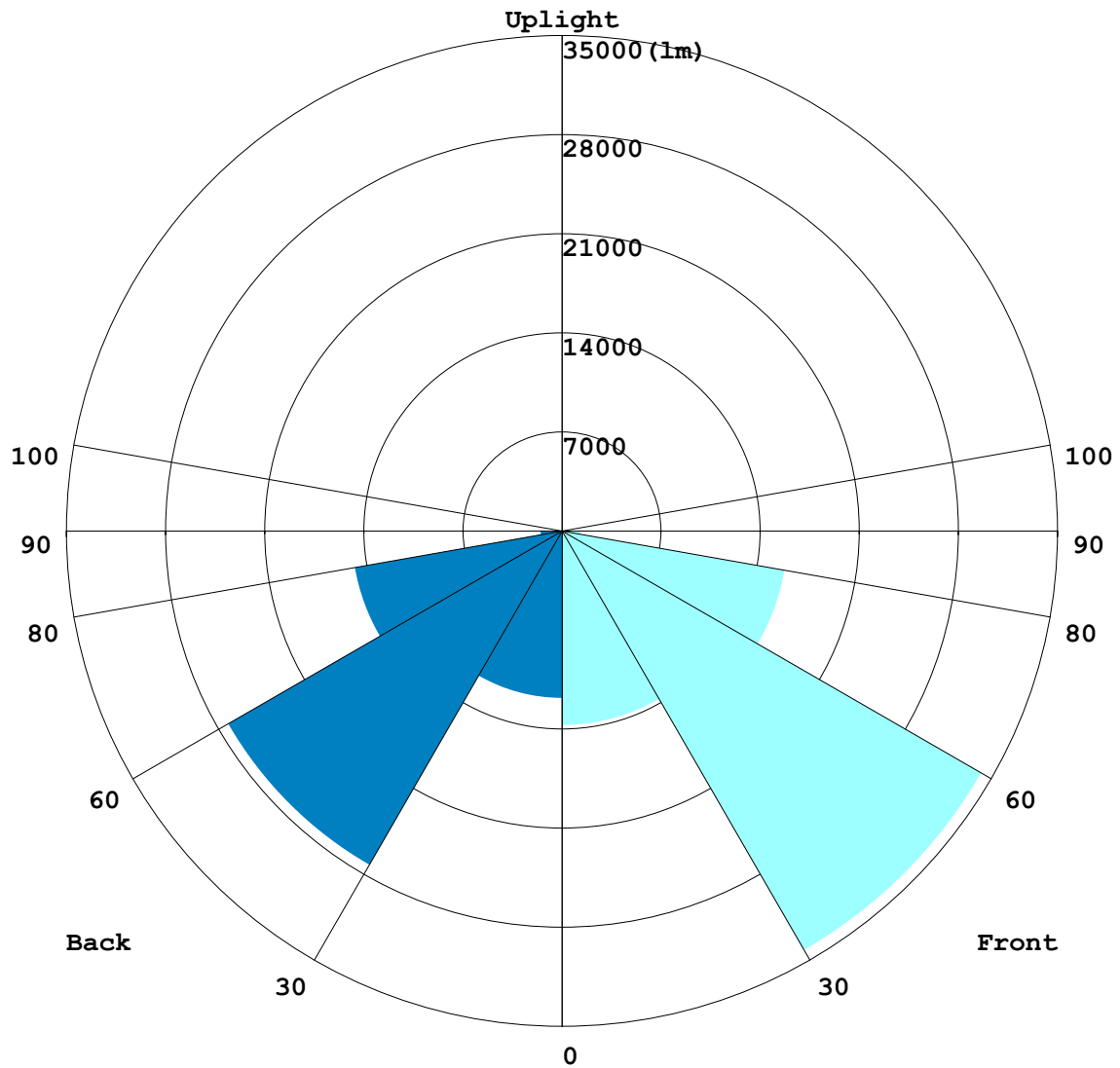
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 25 May 2025

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



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

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	13720	11.4
FM - Front-Medium(30-60)	34187	28.4
FH - Front-High(60-80)	15963	13.2
FVH - Front-Very High(80-90)	1275.5	1.1
Total Forward Light	65146	54.0

BL - Back-Low(0-30)	11804	9.8
BM - Back-Medium(30-60)	27238	22.6
BH - Back-High(60-80)	14848	12.3
BVH - Back-Very High(80-90)	1513.4	1.3
Total Back Light	55404	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	B5-U0-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	55404	0	55404
Street Side	65146	0	65146

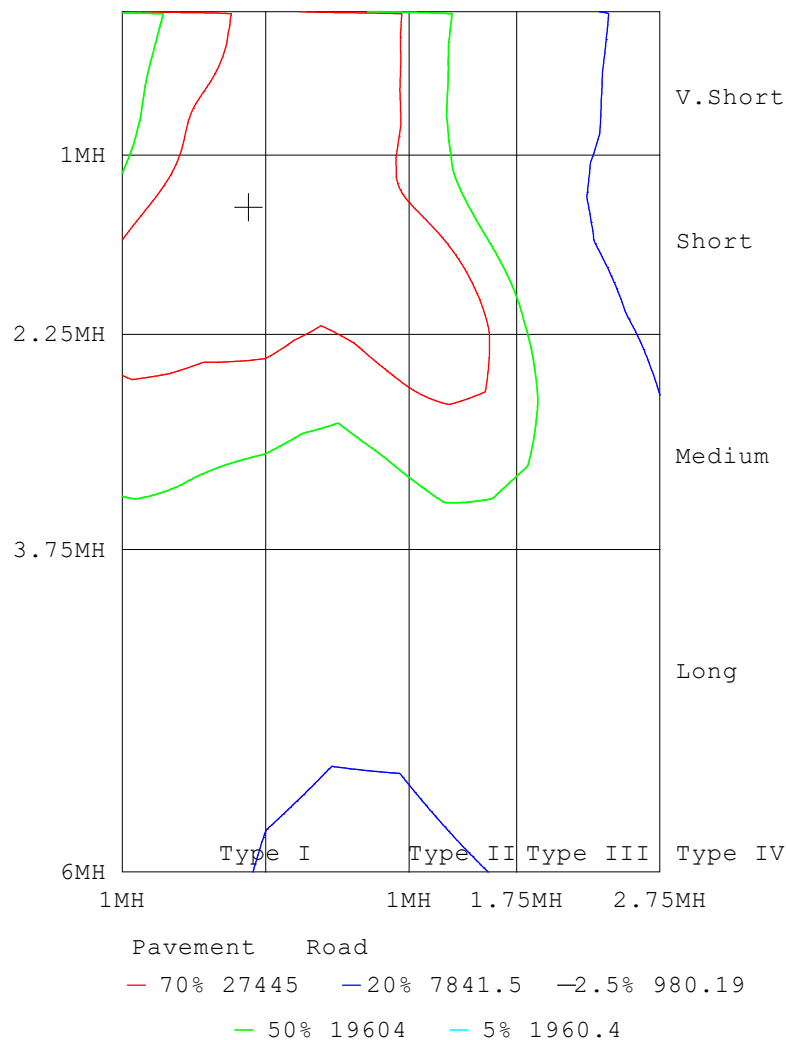
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:25 May 2025

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

ROAD SURFACE ISOCANDELA DIAGRAM



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

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz		
Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

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	3195	3185	3176	3168	3160	3153	3146	3140	3135	3129	3123	3119	3115	3109	3104	3100	3096	3090	3083
5	3190	3188	3186	3184	3182	3181	3180	3179	3178	3176	3174	3172	3171	3168	3164	3162	3159	3154	3149
10	3185	3190	3195	3200	3203	3206	3208	3210	3210	3210	3210	3209	3207	3206	3203	3201	3198	3194	3190
15	3189	3203	3214	3224	3231	3236	3239	3241	3242	3242	3242	3240	3238	3236	3234	3232	3229	3226	3222
20	3217	3239	3255	3267	3274	3277	3277	3276	3274	3271	3269	3265	3262	3259	3256	3252	3249	3246	3244
25	3288	3313	3329	3336	3335	3328	3318	3308	3299	3291	3283	3276	3270	3266	3262	3257	3253	3251	3248
30	3403	3426	3435	3428	3410	3385	3357	3332	3310	3294	3281	3269	3258	3251	3244	3235	3228	3225	3223
35	3513	3545	3552	3533	3496	3447	3393	3348	3309	3282	3260	3239	3220	3201	3184	3163	3146	3140	3138
40	3577	3624	3638	3614	3565	3498	3424	3360	3303	3261	3224	3181	3137	3095	3053	3009	2972	2959	2956
45	3636	3669	3666	3620	3551	3476	3399	3326	3258	3200	3138	3051	2960	2878	2803	2727	2668	2644	2638
50	3732	3708	3649	3546	3429	3330	3241	3168	3097	3022	2926	2775	2617	2494	2389	2298	2229	2199	2189
55	3799	3698	3575	3420	3263	3132	3021	2946	2864	2731	2563	2339	2124	1988	1889	1806	1750	1726	1718
60	3694	3561	3427	3284	3151	3050	2951	2845	2687	2395	2076	1811	1601	1489	1424	1365	1325	1310	1306
65	3306	3190	3138	3161	3223	3350	3368	3045	2577	2041	1553	1287	1138	1067	1040	1003	976	964	959
70	2551	2454	2498	2716	3011	3400	3565	3027	2274	1626	1099	864	766	710	685	636	595	577	571
75	1610	1533	1613	1919	2243	2420	2396	1961	1420	1028	725	556	461	402	368	326	294	284	283
80	858	819	878	1094	1292	1288	1171	941	687	508	373	287	232	197	176	158	146	142	141
85	349	318	343	457	560	541	468	358	245	178	133	101	80.8	69.7	63.1	54.0	47.1	46.3	47.0
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:25 May 2025

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz		
Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

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	3080	3077	3072	3069	3069	3070	3068	3066	3067	3068	3067	3066	3067	3067	3059	3067	3132	3195	3195
5	3145	3142	3138	3134	3133	3132	3129	3125	3123	3120	3116	3110	3106	3102	3088	3089	3147	3202	3194
10	3187	3184	3181	3178	3178	3178	3175	3172	3171	3169	3164	3159	3153	3146	3128	3123	3172	3217	3199
15	3219	3217	3216	3215	3216	3218	3219	3219	3221	3223	3223	3221	3218	3213	3194	3184	3222	3254	3226
20	3241	3240	3239	3240	3243	3247	3252	3257	3265	3274	3282	3290	3298	3301	3290	3283	3313	3333	3294
25	3246	3244	3244	3246	3250	3256	3263	3273	3287	3304	3324	3346	3370	3392	3398	3406	3441	3459	3411
30	3220	3219	3222	3226	3230	3237	3247	3262	3283	3310	3345	3385	3432	3475	3501	3525	3574	3601	3553
35	3136	3138	3149	3164	3176	3190	3209	3233	3264	3303	3355	3415	3484	3548	3588	3622	3675	3702	3651
40	2954	2962	2990	3026	3059	3096	3141	3189	3237	3290	3356	3428	3503	3572	3620	3662	3726	3758	3695
45	2632	2643	2688	2750	2815	2890	2982	3072	3141	3204	3272	3340	3411	3483	3556	3634	3747	3818	3759
50	2179	2190	2241	2318	2408	2519	2666	2811	2905	2981	3046	3115	3207	3314	3427	3556	3736	3873	3869
55	1707	1713	1753	1818	1899	2015	2205	2411	2588	2738	2834	2920	3037	3165	3289	3433	3640	3825	3918
60	1299	1302	1327	1370	1417	1507	1676	1914	2261	2609	2851	3021	3096	3132	3165	3231	3403	3594	3754
65	954	956	970	994	1009	1065	1185	1430	1933	2514	3094	3496	3410	3160	2960	2836	2937	3108	3227
70	565	571	603	643	663	711	806	1016	1459	2014	2706	3215	3089	2738	2395	2135	2189	2327	2350
75	278	282	307	344	377	428	509	640	856	1138	1540	1882	1973	1901	1615	1342	1346	1462	1637
80	138	138	147	162	182	211	252	312	401	521	695	865	1000	1052	900	731	706	792	1092
85	43.7	42.3	49.3	58.0	61.3	66.7	78.7	99.5	133	178	242	313	399	446	365	273	254	312	547
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:25 May 2025

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz		
Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

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	3176	3168	3160	3153	3146	3140	3135	3129	3123	3119	3115	3109	3104	3100	3096	3090	3083	3080	3077
5	3168	3151	3136	3120	3105	3092	3079	3065	3052	3042	3032	3020	3010	3003	2997	2988	2979	2976	2975
10	3164	3138	3111	3084	3056	3032	3008	2982	2958	2939	2922	2902	2885	2874	2865	2853	2842	2840	2840
15	3179	3138	3096	3052	3008	2967	2928	2887	2849	2819	2792	2763	2739	2723	2710	2695	2683	2681	2683
20	3233	3172	3106	3039	2972	2908	2846	2788	2735	2691	2652	2616	2586	2563	2546	2528	2516	2514	2518
25	3334	3248	3152	3053	2954	2862	2775	2695	2625	2569	2521	2476	2439	2410	2387	2365	2350	2348	2354
30	3466	3355	3226	3090	2953	2829	2717	2617	2532	2463	2404	2349	2299	2258	2224	2194	2174	2175	2188
35	3559	3443	3303	3138	2969	2817	2679	2558	2452	2366	2289	2213	2145	2089	2043	2003	1978	1981	2000
40	3587	3470	3329	3153	2969	2801	2641	2490	2353	2237	2134	2037	1952	1887	1837	1794	1768	1771	1793
45	3635	3476	3290	3088	2883	2696	2516	2329	2156	2018	1901	1799	1718	1664	1627	1591	1570	1573	1591
50	3768	3561	3302	3039	2775	2534	2307	2081	1883	1742	1635	1553	1495	1464	1445	1422	1407	1410	1422
55	3907	3739	3472	3134	2767	2422	2104	1832	1616	1484	1402	1346	1315	1308	1308	1290	1275	1279	1288
60	3851	3850	3716	3364	2909	2409	1939	1605	1370	1252	1197	1157	1140	1144	1152	1136	1120	1126	1138
65	3339	3494	3552	3365	3002	2413	1810	1413	1146	1033	996	957	936	928	924	907	894	904	919
70	2390	2573	2723	2708	2526	2051	1526	1173	927	826	786	728	677	633	597	564	547	560	588
75	1802	1855	1835	1745	1580	1300	1009	812	669	588	534	465	404	362	333	315	308	313	328
80	1366	1363	1222	962	692	553	465	391	339	310	286	243	204	189	183	176	174	175	180
85	758	728	596	403	221	157	136	115	104	102	103	96.7	90.0	86.0	82.6	78.3	75.8	77.6	81.5
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:25 May 2025

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:277.15V I:2.7152A P:750.70W PF:0.9976 Freq:49.97Hz		
Lamp Flux:120549x1 lm		
NAME: ASD-LSB5BHV-PRO-750BR	TYPE: PRO T3	
SPEC.: 750W 5000K		
MFR.: ASD LIGHTING CORP		

Table--4

UNIT: X10cd

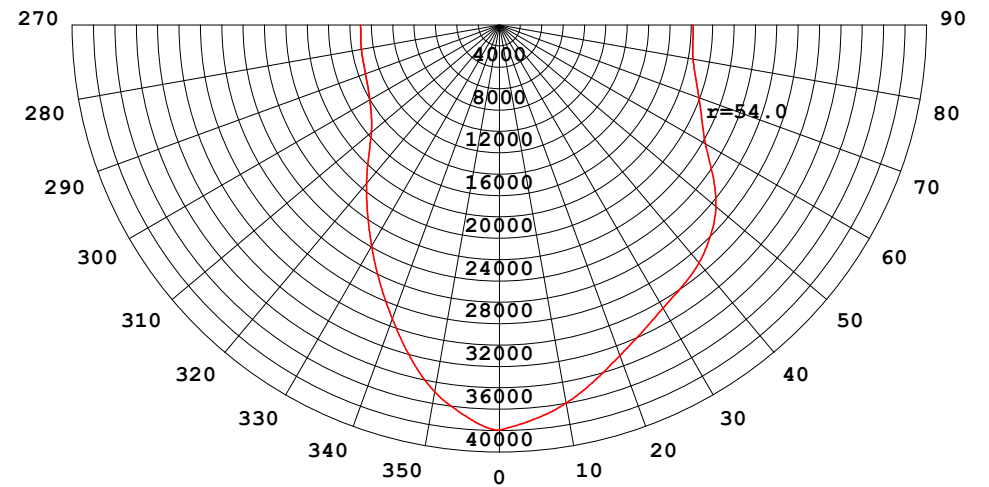
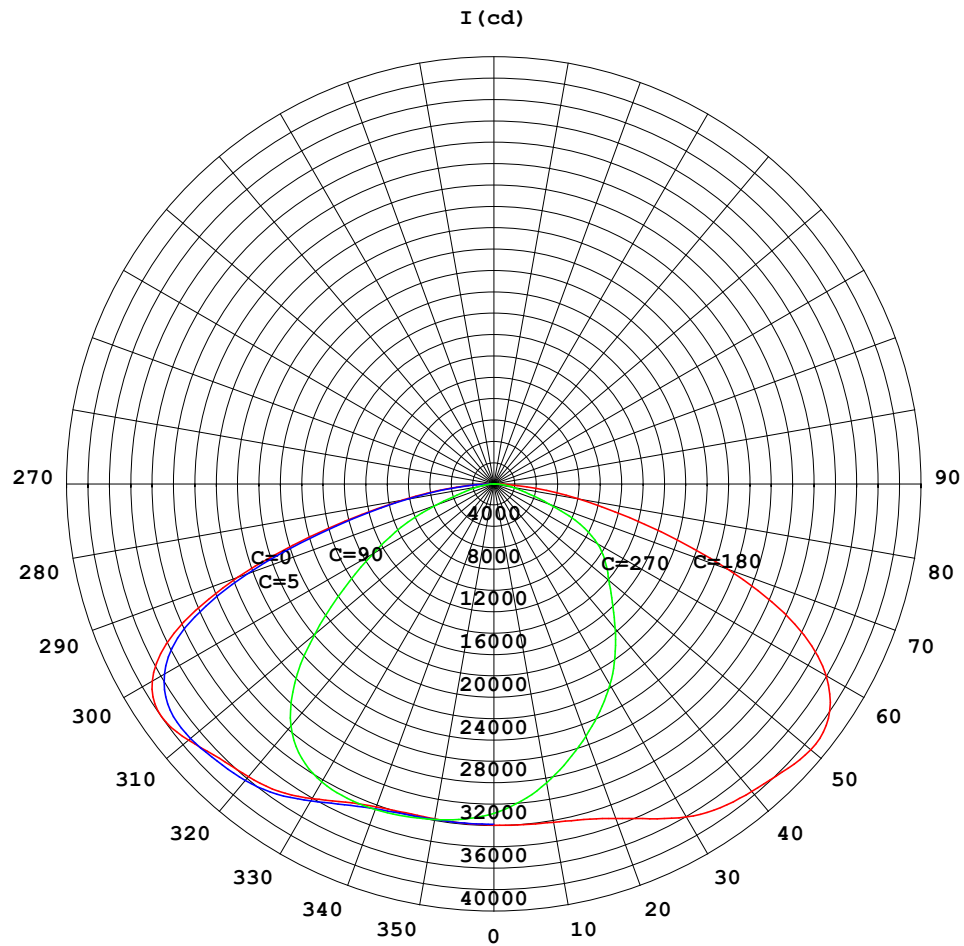
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	3072	3069	3069	3070	3068	3066	3067	3068	3067	3066	3067	3067	3059	3067	3115				
5	2972	2970	2974	2980	2982	2985	2993	3001	3007	3013	3022	3031	3030	3046	3102				
10	2839	2841	2850	2862	2871	2881	2898	2917	2933	2950	2970	2990	3000	3025	3089				
15	2684	2689	2705	2724	2743	2764	2792	2823	2852	2883	2917	2951	2975	3013	3087				
20	2522	2533	2555	2582	2609	2641	2682	2727	2773	2822	2874	2926	2970	3024	3109				
25	2365	2384	2412	2447	2482	2524	2576	2635	2700	2771	2848	2927	2998	3076	3174				
30	2208	2237	2277	2322	2365	2414	2474	2545	2629	2724	2832	2944	3052	3162	3279				
35	2031	2074	2130	2190	2247	2308	2379	2463	2565	2683	2822	2967	3106	3243	3379				
40	1828	1879	1947	2024	2103	2190	2288	2399	2525	2665	2827	2992	3138	3281	3428				
45	1619	1662	1727	1809	1902	2013	2151	2303	2454	2613	2791	2970	3133	3294	3462				
50	1436	1463	1509	1575	1659	1772	1934	2117	2297	2488	2700	2922	3147	3364	3558				
55	1295	1307	1327	1364	1420	1516	1682	1890	2120	2375	2653	2944	3255	3529	3704				
60	1143	1149	1155	1172	1202	1276	1428	1653	1969	2334	2727	3107	3448	3693	3767				
65	928	939	952	973	993	1055	1184	1430	1903	2447	2968	3387	3563	3586	3506				
70	622	664	716	769	790	848	984	1255	1823	2422	2836	3067	2977	2778	2657				
75	352	389	449	516	562	634	753	961	1366	1791	2108	2275	2138	1904	1747				
80	186	200	234	275	314	361	416	505	664	864	1121	1332	1392	1333	1155				
85	85.5	91.3	101	111	115	122	132	157	197	273	429	601	775	846	690				
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:25 May 2025

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:	65146 lm
STREET UP:	0 lm
HOUSE DOWN:	55404 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 39213 \text{ cd}$

