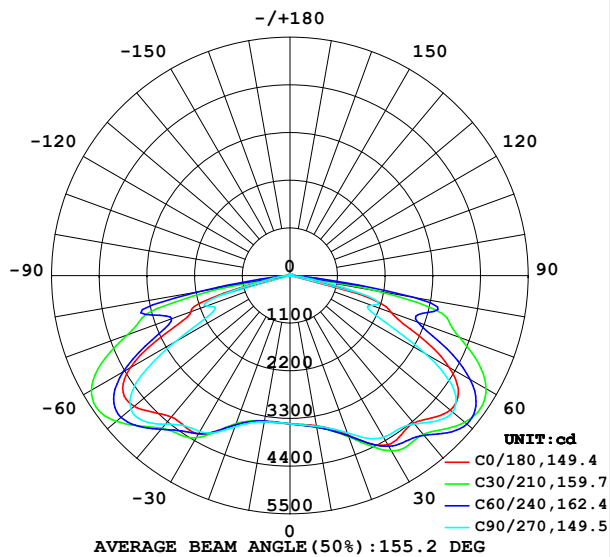
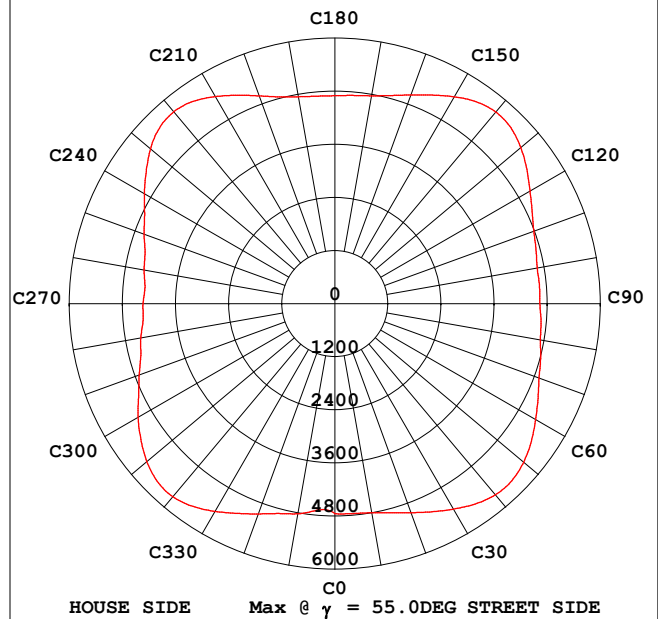


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.93 lm/W			
MODEL	SB05-150W-T5	I _{max} (cd)	5697	η street_up (%)	0.5
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	50.4
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	21339	η house_up (%)	0.5
NOMINAL FLUX (lm)	21338.8	MAXIMUM @ (C, γ)	320,55.0	η house_down (%)	48.7
LAMPS INSIDE	1	η up (%)	1.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	99.0	SLI	

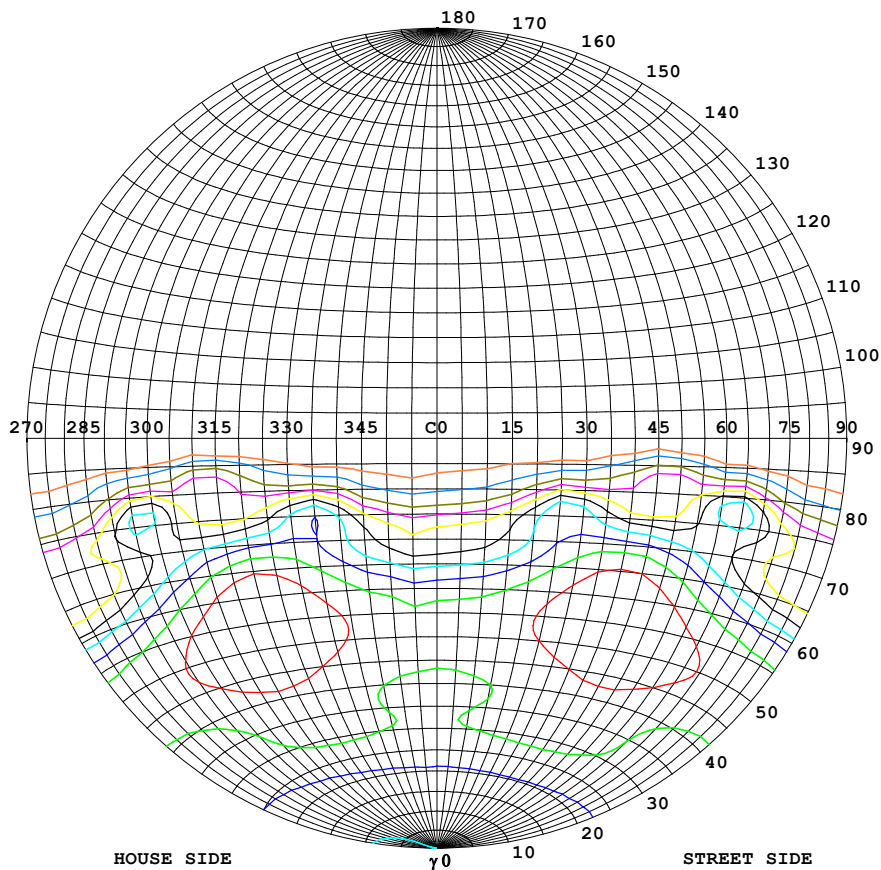
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: C
Test Date: 2023-10-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	



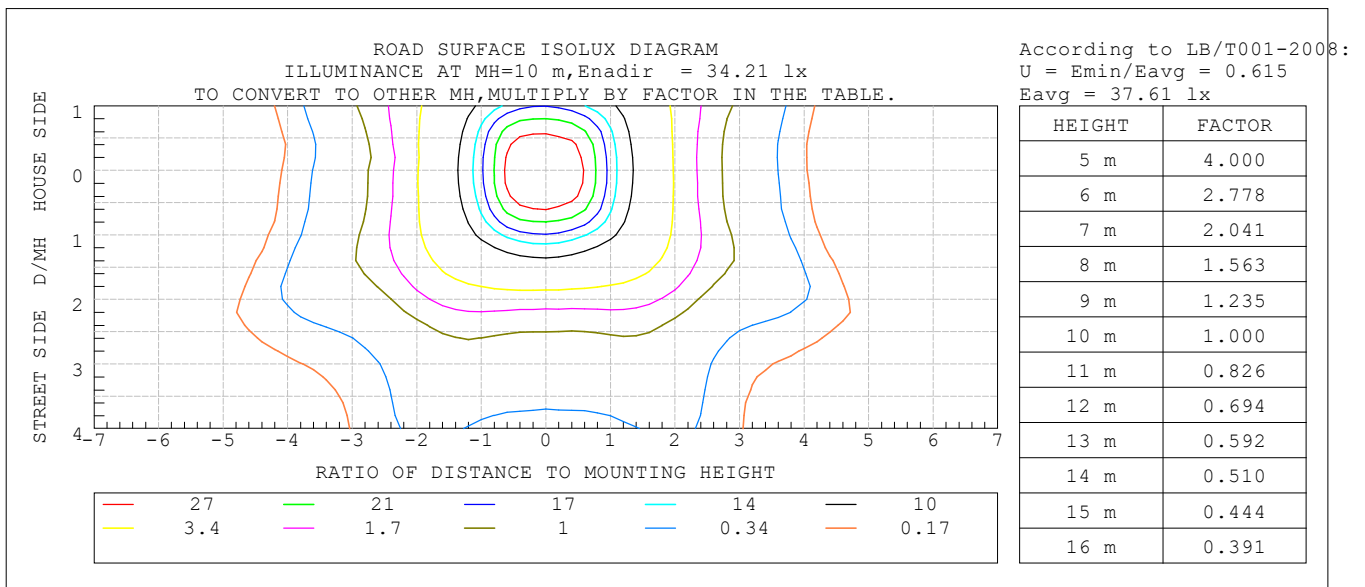
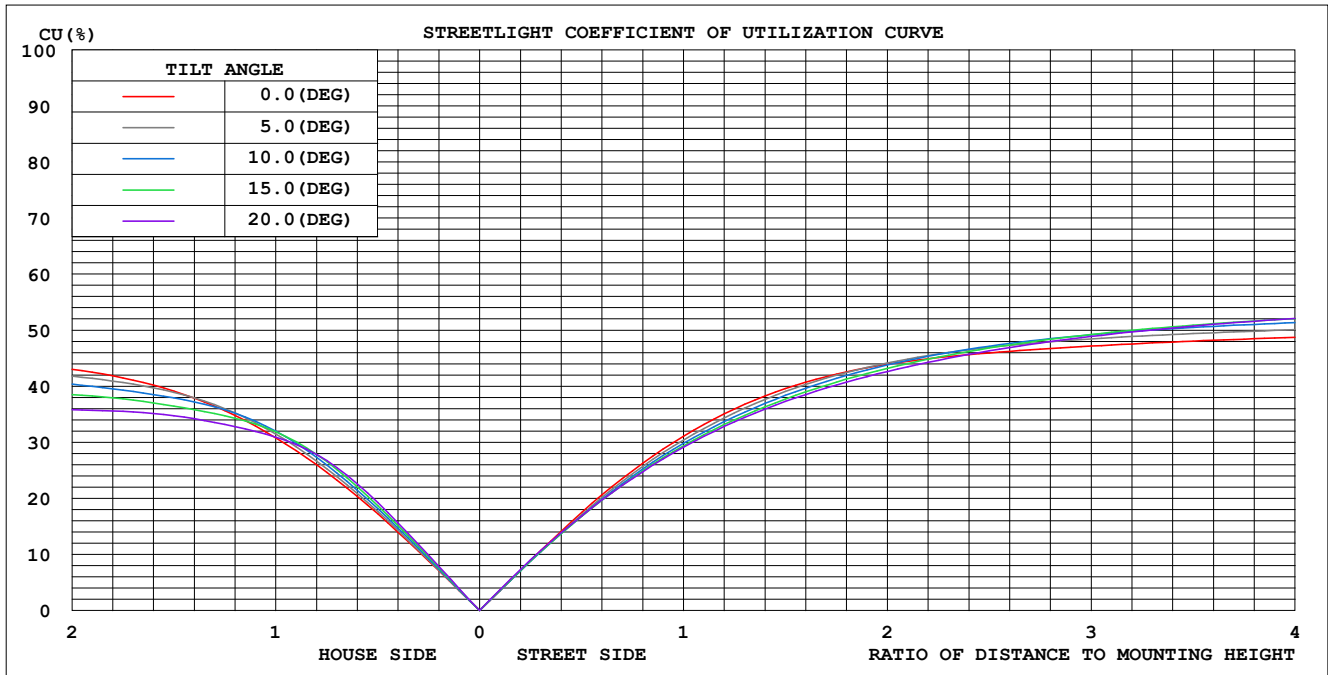
Classification:

IES:Type VS - Short
 CIE:Broad - Short
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:140.6cd/klm
 Max.At90:2.802cd/klm
 Max.80-90:140.6cd/klm
 NRB 5101:Semi limited[17.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5697
90%	5128
80%	4558
70%	3988
60%	3418
50%	2849
40%	2279
30%	1709
20%	1139
10%	570
5%	285

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [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: C
Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

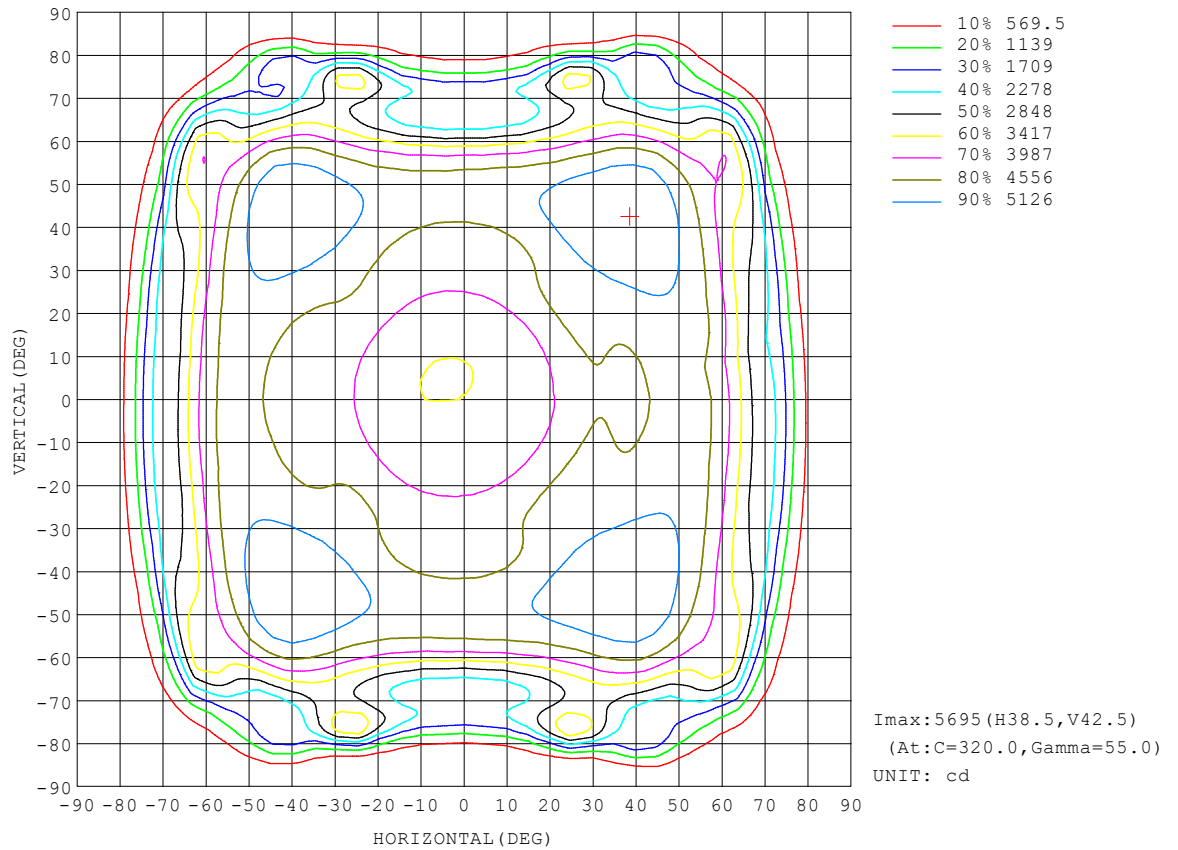
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3521	3555	3532	3480	3422	3408	3428	3481	0- 10	329.2	329.2	1.54,1.54
20	3915	3954	3858	3765	3646	3652	3716	3846	10- 20	1026	1356	6.35,6.35
30	4507	4688	4310	4425	4218	4341	4157	4617	20- 30	1910	3266	15.3,15.3
40	4446	4984	4471	4793	4262	4780	4478	5026	30- 40	2830	6096	28.6,28.6
50	4828	5555	4901	5450	4694	5455	4791	5622	40- 50	3789	9885	46.3,46.3
60	4253	5547	3620	5558	4261	5483	3075	5470	50- 60	4456	14341	67.2,67.2
70	2488	4102	2010	4039	2433	3567	2058	3591	60- 70	3716	18057	84.6,84.6
80	503.2	1955	535.0	1937	473.1	2005	454.1	2080	70- 80	2565	20622	96.6,96.6
90	20.36	59.79	8.769	24.88	14.97	24.50	11.68	25.93	80- 90	509.3	21131	99,99
100	20.14	22.43	16.02	23.04	23.40	27.63	20.88	27.25	90-100	20.05	21151	99.1,99.1
110	29.75	31.55	25.70	32.44	33.42	36.36	31.27	35.61	100-110	28.67	21180	99.3,99.3
120	36.32	37.26	34.86	38.23	40.03	41.79	39.08	41.05	110-120	35.16	21215	99.4,99.4
130	37.99	38.73	38.48	38.57	42.18	42.19	42.96	42.49	120-130	35.77	21251	99.6,99.6
140	36.10	38.31	39.12	36.86	40.63	40.67	43.07	41.66	130-140	31.30	21282	99.7,99.7
150	34.99	37.96	38.08	36.35	38.95	39.79	40.80	40.47	140-150	24.51	21306	99.8,99.8
160	35.81	38.28	37.75	36.58	38.99	39.37	39.25	39.72	150-160	17.73	21324	99.9,99.9
170	38.67	39.17	37.66	38.04	40.63	39.72	38.63	39.45	160-170	10.92	21335	100,100
180	40.67	39.59	38.41	39.30	40.66	39.58	38.40	39.31	170-180	3.737	21339	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

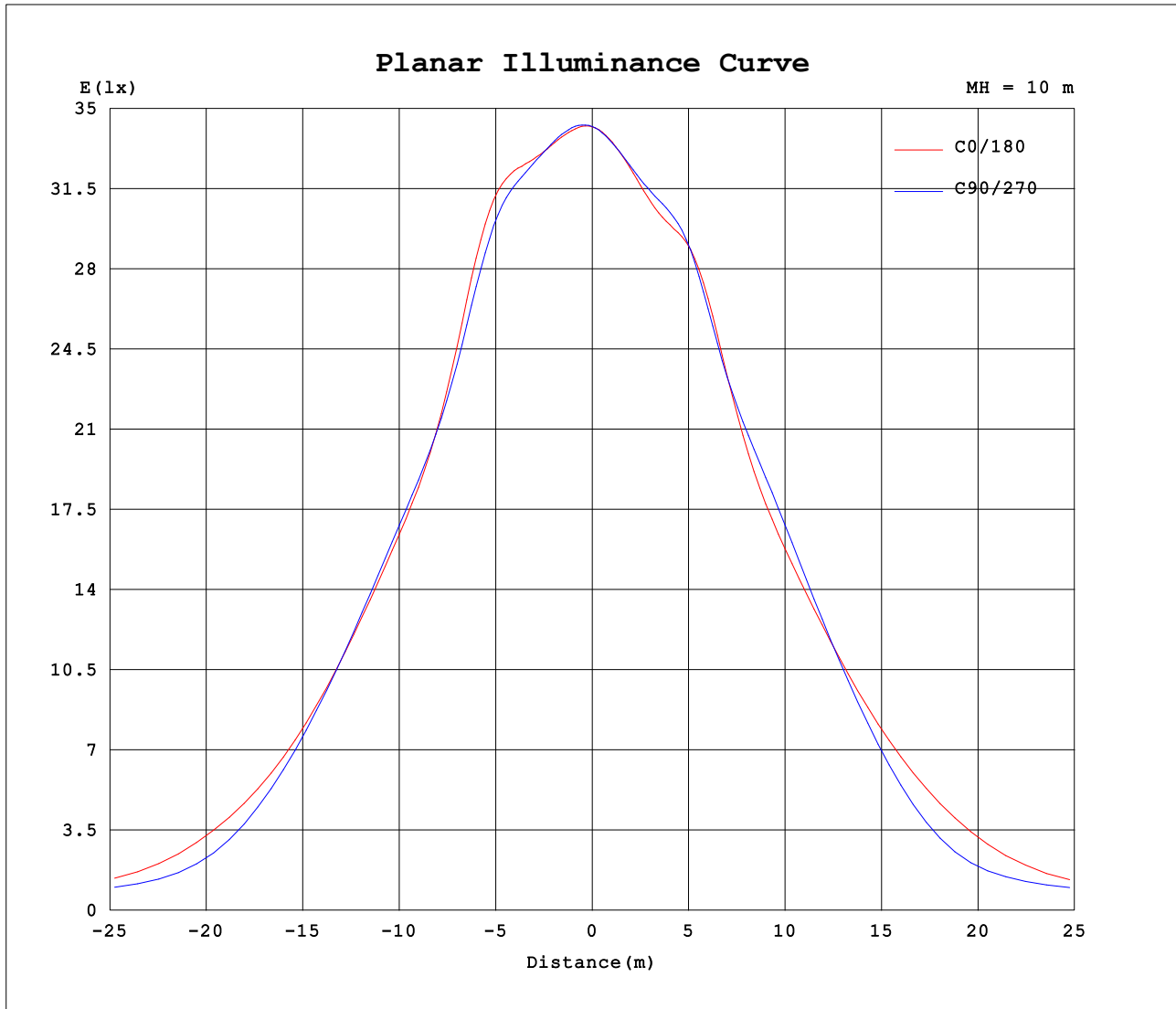
Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



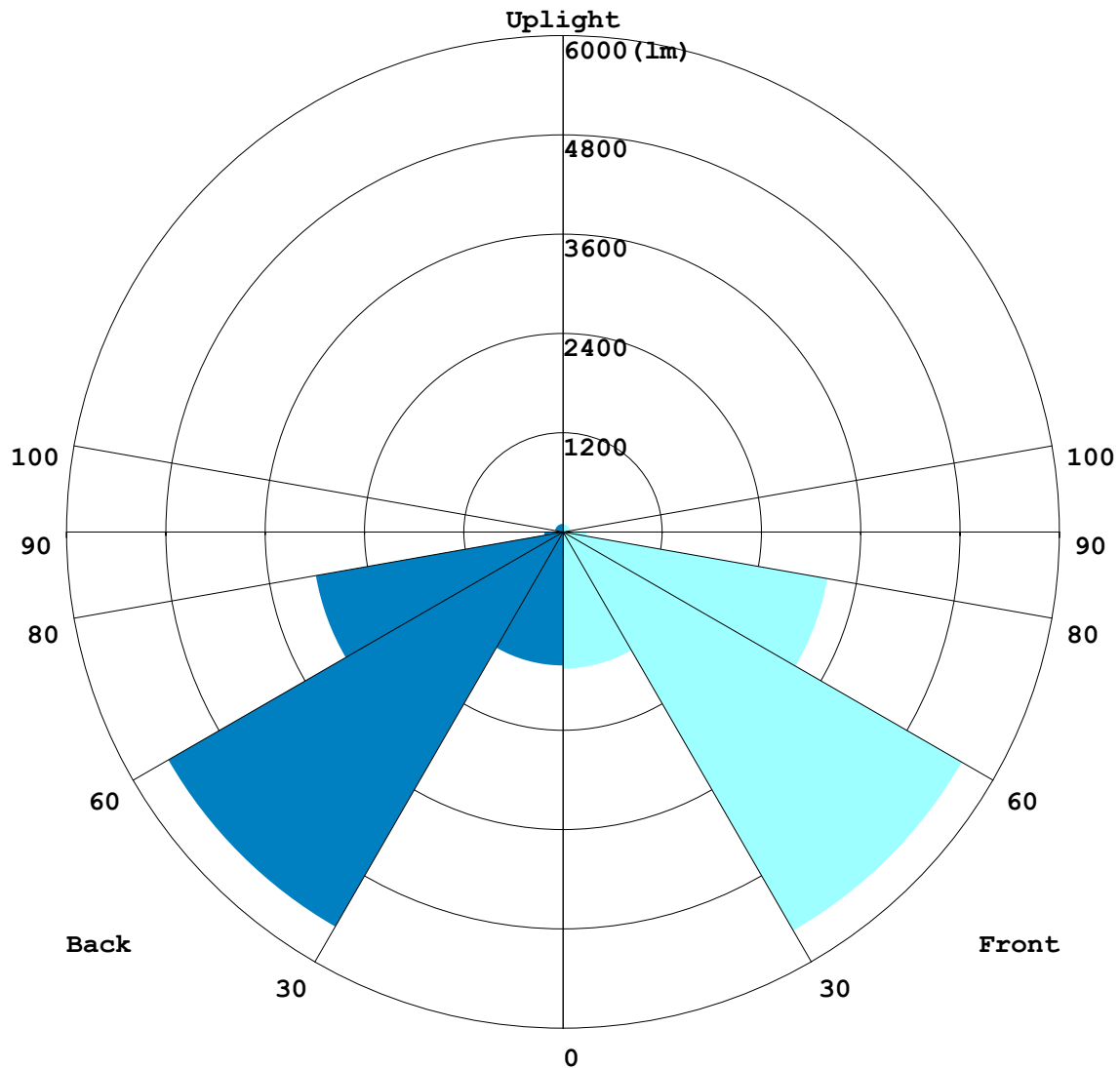
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: C
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

BUG REPORT

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1652	7.7
FM - Front-Medium(30-60)	5566.4	26.1
FH - Front-High(60-80)	3247.1	15.2
FVH - Front-Very High(80-90)	283.99	1.3
Total Forward Light	10847	50.8

BL - Back-Low(0-30)	1614.1	7.6
BM - Back-Medium(30-60)	5508.3	25.8
BH - Back-High(60-80)	3033.9	14.2
BVH - Back-Very High(80-90)	225.31	1.1
Total Back Light	10491	49.2

UL - Uplight-Low(90-100)	20.047	0.1
UH - Uplight-High(100-180)	187.81	0.9
Total Up Light	207.85	1.0

BUG(Back,Up,Glare) Rating	B4-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10382	109.75	10491
Street Side	10749	98.101	10847

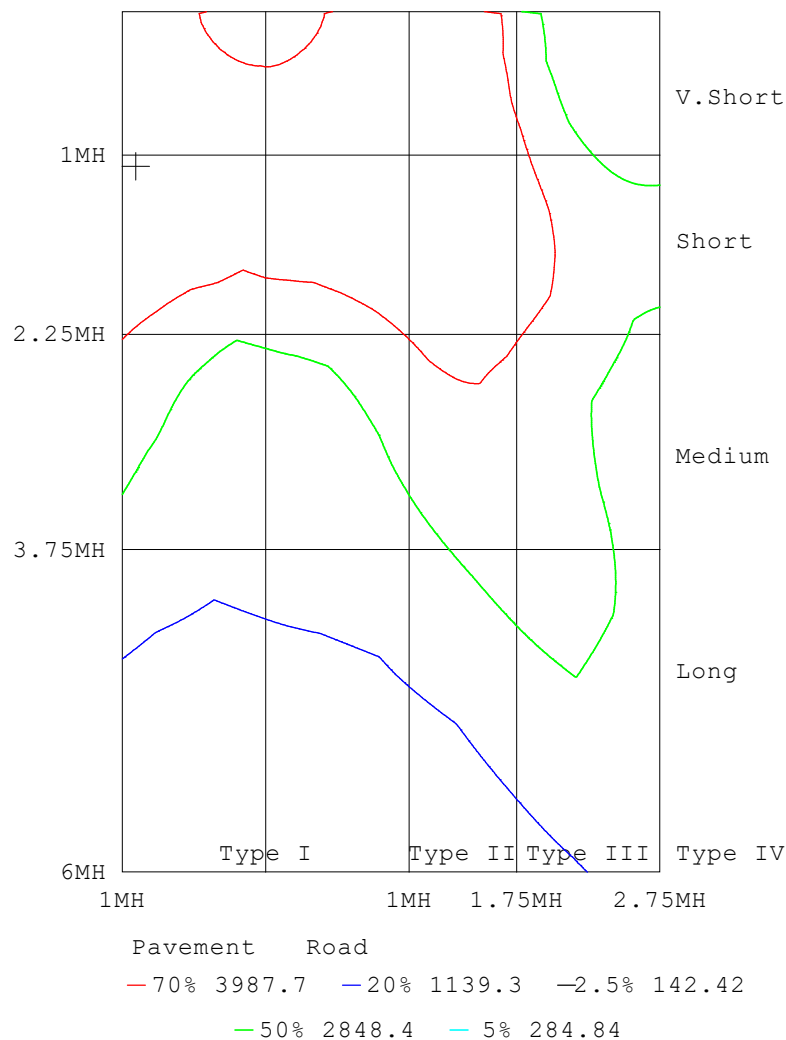
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz		
Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	3421	3422	3423	3423	3422	3422	3423	3424	3425	3424	3423	3423	3425	3424	3425	3422	3421	3420	3422
5	3450	3454	3458	3459	3463	3464	3467	3468	3470	3470	3471	3468	3470	3470	3471	3466	3466	3462	3462
10	3521	3526	3534	3537	3542	3544	3550	3552	3556	3555	3556	3553	3556	3551	3552	3544	3541	3534	3532
15	3662	3667	3678	3680	3691	3692	3701	3702	3709	3705	3707	3700	3699	3690	3687	3675	3671	3659	3655
20	3915	3918	3930	3931	3945	3947	3958	3958	3963	3954	3952	3940	3935	3917	3910	3890	3881	3864	3858
25	4260	4262	4279	4280	4301	4305	4324	4323	4331	4313	4306	4279	4263	4231	4214	4183	4167	4142	4135
30	4507	4521	4544	4568	4602	4632	4670	4689	4705	4688	4661	4606	4551	4483	4430	4381	4348	4322	4310
35	4480	4507	4542	4587	4642	4707	4776	4833	4871	4879	4832	4755	4667	4563	4481	4415	4372	4347	4339
40	4446	4467	4510	4558	4624	4697	4789	4873	4954	4984	4974	4903	4816	4705	4622	4542	4505	4473	4471
45	4643	4653	4698	4741	4810	4891	5017	5133	5242	5284	5286	5217	5132	5020	4938	4854	4805	4761	4753
50	4828	4835	4868	4919	5010	5125	5266	5399	5513	5555	5535	5445	5330	5207	5109	5030	4970	4925	4901
55	4746	4761	4798	4891	5026	5189	5360	5526	5640	5656	5570	5420	5237	5067	4910	4814	4716	4677	4632
60	4253	4292	4362	4531	4741	4992	5223	5448	5571	5547	5362	5112	4801	4523	4240	4033	3802	3713	3620
65	3280	3362	3492	3768	4100	4500	4800	5072	5182	5118	4839	4461	3993	3562	3084	2726	2403	2282	2199
70	2488	2537	2655	2980	3477	3959	4159	4251	4195	4102	3781	3457	3129	2841	2501	2207	2065	2014	2010
75	1648	1781	1958	2460	3212	3972	3746	3120	2603	2456	2457	2806	3296	3547	3151	2518	2126	1973	1876
80	503	546	615	867	1462	2315	2008	1792	1771	1955	2083	2263	2906	3000	1895	1043	689	596	535
85	194	212	230	287	300	350	372	512	762	1169	1091	682	368	385	224	181	124	104	96.3
90	20.4	28.3	31.8	40.1	37.1	42.9	39.5	48.7	44.4	59.8	45.6	37.6	23.3	20.2	15.6	13.7	9.92	8.26	8.77
95	14.8	14.6	15.0	15.4	16.2	16.8	17.5	17.9	18.1	17.7	17.1	16.1	15.1	14.0	13.2	12.2	11.7	11.3	11.3
100	20.1	20.0	20.2	20.6	21.3	21.8	22.5	22.8	22.9	22.4	21.9	20.8	19.9	18.7	17.9	16.9	16.4	15.9	16.0
105	25.1	24.8	24.9	25.0	25.7	26.2	27.0	27.5	27.8	27.4	26.7	25.4	24.3	23.2	22.4	21.6	21.1	20.8	20.9
110	29.7	29.4	29.4	29.5	30.2	30.7	31.4	31.8	32.1	31.5	30.9	29.8	28.9	27.7	27.0	26.3	25.9	25.6	25.7
115	33.9	33.6	33.6	33.7	34.1	34.3	34.6	34.8	35.0	34.8	34.6	33.8	33.1	32.1	31.6	31.1	30.9	30.6	30.7
120	36.3	36.1	36.1	36.1	36.3	36.5	37.0	37.3	37.5	37.3	36.9	36.4	36.0	35.6	35.5	35.3	35.2	34.8	34.9
125	37.9	37.6	37.6	37.6	37.8	38.0	38.3	38.5	38.6	38.4	38.1	37.9	37.8	37.8	38.0	38.0	37.9	37.4	37.3
130	38.0	37.8	37.7	37.8	38.0	38.2	38.5	38.6	38.7	38.7	38.7	38.7	38.9	39.1	39.4	39.4	39.0	38.6	38.5
135	37.3	37.1	37.2	37.5	37.6	37.8	37.9	38.1	38.3	38.6	38.9	39.3	39.7	40.1	40.3	40.0	39.7	39.4	39.2
140	36.1	36.2	36.5	36.7	36.9	36.9	37.1	37.4	37.8	38.3	38.9	39.3	39.7	40.0	39.9	39.8	39.5	39.3	39.1
145	35.2	35.4	35.8	36.1	36.2	36.5	36.8	37.2	37.6	38.1	38.5	38.8	39.2	39.2	39.1	38.9	38.8	38.6	38.4
150	35.0	35.3	35.7	36.0	36.2	36.5	36.8	37.2	37.6	38.0	38.3	38.5	38.6	38.6	38.6	38.5	38.4	38.1	38.1
155	35.2	35.6	35.9	36.2	36.4	36.9	37.3	37.6	37.9	38.1	38.3	38.3	38.4	38.4	38.4	38.3	38.2	38.0	38.0
160	35.8	36.3	36.6	36.9	37.3	37.6	37.9	38.0	38.1	38.3	38.4	38.5	38.5	38.5	38.4	38.2	38.0	37.9	37.8
165	37.1	37.6	37.9	38.2	38.5	38.6	38.7	38.8	38.8	38.8	38.9	38.8	38.7	38.5	38.3	38.0	37.7	37.5	37.5
170	38.7	39.0	39.3	39.4	39.5	39.5	39.4	39.5	39.3	39.2	39.0	38.9	38.6	38.4	38.2	37.9	37.7	37.7	37.7
175	40.1	40.2	40.1	39.9	39.8	39.7	39.6	39.5	39.4	39.2	39.0	38.9	38.7	38.5	38.3	38.0	37.9	37.9	37.9
180	40.7	40.5	40.3	40.1	40.0	40.0	39.9	39.8	39.8	39.6	39.4	39.3	39.2	39.0	38.8	38.6	38.4	38.4	38.4

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm																		
NAME: SB05-150W-T5										TYPE:								
MFR.: EVERFINE										DIM.:								
										SUR.: 1								

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3420	3419	3418	3421	3422	3424	3423	3422	3424	3425	3426	3427	3425	3425	3428	3430	3433	3421	3422
5	3457	3455	3452	3452	3449	3448	3443	3440	3437	3436	3434	3431	3426	3423	3424	3421	3422	3408	3407
10	3524	3520	3513	3508	3503	3499	3491	3486	3480	3476	3470	3465	3456	3451	3445	3442	3436	3422	3420
15	3641	3636	3623	3619	3608	3604	3592	3587	3575	3570	3560	3551	3538	3529	3516	3509	3499	3484	3481
20	3840	3834	3819	3814	3800	3795	3782	3777	3765	3760	3745	3736	3716	3703	3684	3672	3656	3646	3645
25	4114	4110	4093	4091	4079	4081	4074	4081	4074	4078	4062	4054	4028	4016	3993	3982	3958	3950	3949
30	4296	4291	4287	4298	4313	4342	4370	4407	4425	4440	4425	4404	4362	4328	4287	4263	4237	4218	4213
35	4328	4327	4333	4359	4401	4466	4532	4597	4630	4637	4604	4548	4479	4412	4356	4309	4276	4246	4241
40	4460	4466	4469	4504	4551	4632	4703	4772	4793	4778	4707	4623	4526	4450	4384	4336	4292	4262	4267
45	4737	4750	4756	4799	4847	4934	5012	5097	5119	5106	5010	4891	4751	4661	4586	4541	4490	4464	4480
50	4888	4894	4918	4965	5039	5149	5272	5390	5450	5447	5354	5216	5050	4917	4813	4755	4714	4694	4706
55	4642	4643	4707	4785	4920	5094	5296	5486	5623	5657	5569	5400	5202	5020	4870	4770	4724	4701	4707
60	3674	3720	3912	4108	4383	4670	5009	5312	5558	5641	5551	5325	5063	4791	4567	4386	4318	4261	4262
65	2251	2316	2571	2896	3368	3824	4334	4770	5137	5278	5190	4877	4525	4093	3730	3419	3273	3169	3170
70	2009	2035	2125	2363	2695	3011	3344	3671	4039	4182	4239	4089	3869	3386	2908	2572	2471	2433	2450
75	1953	2060	2402	2962	3536	3450	2924	2430	2268	2311	2849	3584	3964	3223	2426	1888	1707	1583	1566
80	582	628	861	1443	2714	2816	2247	1965	1937	1767	1665	1694	2045	1307	783	565	506	473	471
85	109	118	161	186	298	303	480	829	983	711	463	302	299	256	253	201	185	171	168
90	10.2	11.6	14.1	14.5	17.0	17.6	28.6	23.8	24.9	21.4	21.1	16.5	15.9	14.7	14.3	13.5	13.6	15.0	15.0
95	11.4	12.1	12.7	13.9	14.8	16.0	17.0	18.0	18.4	18.6	18.2	17.8	17.1	16.6	15.8	15.2	14.6	17.8	18.2
100	16.1	16.8	17.5	18.6	19.5	20.7	21.7	22.6	23.0	23.4	23.1	22.8	22.2	21.7	21.0	20.5	19.5	23.4	23.8
105	20.9	21.6	22.2	23.1	24.0	25.2	26.3	27.5	28.1	28.4	27.9	27.3	26.5	26.1	25.4	25.1	24.5	28.7	29.0
110	25.7	26.3	26.8	27.7	28.6	29.8	30.8	31.9	32.4	32.8	32.4	31.9	31.2	30.7	30.0	29.8	29.1	33.4	33.8
115	30.8	31.4	31.7	32.4	33.0	34.1	34.9	35.6	35.7	35.9	35.5	35.3	35.0	34.9	34.4	34.2	33.4	37.6	37.9
120	34.9	35.3	35.5	35.8	36.1	36.7	37.2	37.9	38.2	38.4	38.2	38.0	37.6	37.5	37.3	37.1	36.4	40.0	40.4
125	37.2	37.5	37.6	37.6	37.7	38.1	38.6	38.9	39.1	39.1	39.0	39.0	39.1	39.3	39.5	39.4	38.6	41.8	42.2
130	38.5	38.6	38.8	38.7	38.6	38.5	38.5	38.6	38.6	38.6	38.6	38.9	39.2	39.6	39.9	39.8	39.1	42.2	42.6
135	39.2	39.1	39.1	39.0	38.5	38.2	37.8	37.6	37.6	37.8	38.0	38.4	38.7	39.0	39.3	39.1	38.6	41.7	42.0
140	38.9	38.7	38.5	38.3	37.9	37.5	37.1	37.0	36.9	37.0	37.2	37.4	37.5	37.7	37.8	37.7	37.5	40.6	40.8
145	38.2	37.9	37.7	37.5	37.3	37.2	36.9	36.7	36.5	36.5	36.4	36.4	36.4	36.5	36.4	36.6	36.3	39.5	39.6
150	37.9	37.6	37.4	37.2	37.0	36.9	36.8	36.6	36.4	36.3	36.1	36.0	35.9	36.0	35.9	35.9	35.8	39.0	38.8
155	37.8	37.6	37.3	37.1	37.0	36.9	36.7	36.6	36.4	36.3	36.1	35.9	35.8	35.8	35.9	35.9	36.0	38.8	38.6
160	37.6	37.4	37.3	37.2	37.1	36.9	36.8	36.7	36.6	36.4	36.3	36.1	36.1	36.0	36.0	36.1	36.4	39.0	38.6
165	37.4	37.4	37.4	37.4	37.4	37.4	37.3	37.3	37.2	37.1	37.0	37.0	37.0	37.0	37.0	37.1	37.5	39.7	39.3
170	37.7	37.7	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.0	38.1	38.4	38.8	40.6	40.2
175	38.0	38.0	38.2	38.2	38.4	38.5	38.5	38.6	38.7	38.7	38.7	38.8	38.9	38.9	39.1	39.5	40.5	41.2	40.9
180	38.5	38.5	38.7	38.8	39.0	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.5	39.9	40.8	40.7	40.6

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz		
Lamp Flux:21338.8x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	3423	3423	3422	3422	3423	3424	3425	3424	3423	3423	3425	3424	3425	3422	3421	3420	3422	3420	3419
5	3407	3407	3402	3401	3402	3402	3401	3400	3400	3399	3400	3401	3402	3401	3401	3402	3404	3406	3407
10	3417	3414	3411	3410	3410	3408	3408	3408	3407	3409	3410	3414	3416	3417	3420	3424	3428	3431	3435
15	3476	3474	3470	3474	3474	3476	3476	3480	3480	3486	3488	3495	3498	3505	3507	3516	3521	3530	3533
20	3636	3638	3630	3638	3635	3643	3642	3652	3650	3660	3664	3677	3681	3695	3695	3711	3716	3732	3737
25	3938	3946	3943	3957	3959	3972	3969	3978	3964	3963	3952	3953	3949	3959	3961	3976	3986	4007	4019
30	4212	4231	4252	4289	4318	4347	4347	4341	4300	4263	4215	4181	4153	4141	4135	4144	4157	4175	4201
35	4252	4286	4340	4407	4473	4528	4551	4548	4503	4448	4375	4317	4263	4239	4225	4229	4236	4256	4278
40	4294	4350	4416	4510	4604	4701	4754	4780	4750	4705	4634	4578	4519	4493	4469	4476	4478	4501	4521
45	4512	4580	4659	4785	4908	5035	5099	5128	5082	5015	4923	4858	4800	4772	4746	4752	4758	4789	4824
50	4735	4809	4918	5078	5229	5376	5446	5455	5360	5235	5090	4967	4881	4819	4790	4772	4791	4820	4880
55	4749	4838	4998	5199	5403	5584	5662	5612	5442	5206	4972	4745	4590	4442	4380	4309	4337	4353	4454
60	4350	4477	4732	5003	5293	5532	5628	5483	5201	4809	4444	4061	3769	3434	3247	3059	3075	3092	3306
65	3366	3582	4007	4408	4804	5070	5150	4877	4509	3993	3511	2976	2569	2188	2034	1940	1950	1954	2069
70	2573	2855	3406	3864	3994	3929	3837	3567	3358	3082	2911	2704	2390	2183	2092	2067	2058	2065	2090
75	1824	2244	3244	3950	3419	2524	2033	1852	2129	2717	3466	3603	2769	1952	1605	1361	1364	1368	1631
80	542	667	1147	1437	1323	1332	1608	2005	2029	1789	2135	1825	1107	662	534	457	454	459	545
85	190	204	210	213	278	373	590	741	664	385	272	169	136	113	73.4	51.0	61.1	56.2	88.1
90	16.2	17.1	18.6	19.0	20.8	22.5	25.7	24.5	24.0	21.4	19.5	17.4	15.5	13.9	12.6	12.1	11.7	11.8	12.7
95	18.5	19.3	20.0	21.0	21.8	22.7	22.9	23.0	22.5	21.9	20.8	19.8	18.6	17.7	16.8	16.3	16.0	16.1	16.3
100	24.0	24.7	25.2	26.0	26.5	27.2	27.5	27.6	27.1	26.4	25.2	24.2	23.0	22.3	21.5	21.2	20.9	21.0	21.1
105	29.2	29.6	29.9	30.5	31.1	31.8	32.1	32.4	32.0	31.2	29.9	28.8	27.7	27.2	26.5	26.2	25.9	26.1	26.1
110	34.0	34.3	34.6	35.2	35.6	36.2	36.2	36.4	35.9	35.5	34.5	33.7	32.6	32.2	31.7	31.5	31.3	31.4	31.3
115	38.0	38.2	38.4	38.8	39.0	39.4	39.4	39.6	39.2	38.8	38.0	37.5	36.8	36.6	36.1	36.0	35.8	35.9	35.7
120	40.5	40.8	41.0	41.4	41.6	41.9	41.9	41.8	41.3	40.8	40.1	39.7	39.5	39.4	39.3	39.2	39.1	39.3	39.4
125	42.5	42.8	42.9	42.9	42.8	42.7	42.6	42.4	42.3	42.0	41.7	41.4	41.4	41.5	41.3	41.3	41.2	41.5	41.8
130	42.9	43.3	43.3	43.2	42.8	42.6	42.3	42.2	42.1	42.2	42.2	42.5	42.8	43.1	42.9	43.1	43.0	43.3	43.5
135	42.3	42.6	42.6	42.6	42.4	42.1	41.7	41.5	41.4	41.5	41.9	42.5	43.0	43.2	43.4	43.6	43.7	44.0	44.2
140	41.1	41.2	41.3	41.3	41.2	41.0	40.8	40.7	40.7	41.0	41.3	41.8	42.2	42.3	42.7	42.9	43.1	43.2	43.4
145	39.7	39.8	39.9	39.9	40.0	40.1	40.1	40.1	40.2	40.4	40.7	41.0	41.1	41.2	41.5	41.7	41.8	41.9	42.0
150	38.8	39.0	39.2	39.4	39.5	39.6	39.7	39.8	39.9	40.2	40.2	40.2	40.3	40.4	40.5	40.7	40.8	40.8	40.9
155	38.5	38.8	38.9	39.2	39.3	39.5	39.6	39.7	39.7	39.7	39.6	39.6	39.6	39.7	39.8	39.9	40.0	40.0	40.1
160	38.6	38.7	38.9	39.1	39.2	39.3	39.3	39.4	39.4	39.3	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.3	39.4
165	39.1	39.0	39.1	39.2	39.3	39.4	39.5	39.4	39.4	39.2	39.2	39.0	38.9	38.8	38.7	38.7	38.7	38.7	38.9
170	39.9	39.8	39.7	39.8	39.8	39.8	39.8	39.7	39.6	39.4	39.4	39.2	39.0	38.8	38.6	38.6	38.6	38.7	38.8
175	40.4	40.2	40.1	40.0	39.9	39.9	39.8	39.8	39.5	39.5	39.3	39.1	38.9	38.7	38.5	38.5	38.5	38.6	38.7
180	40.3	40.1	40.0	40.0	39.9	39.8	39.8	39.6	39.4	39.3	39.2	39.0	38.8	38.5	38.4	38.4	38.4	38.5	38.6

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.07V I:1.1896A P:146.22W PF:0.9988 Freq:50.04Hz Lamp Flux:21338.8x1 lm																	
NAME: SB05-150W-T5									TYPE:								
MFR.: EVERFINE									DIM.:								
									SUR.: 1								

Table--4

UNIT: cd

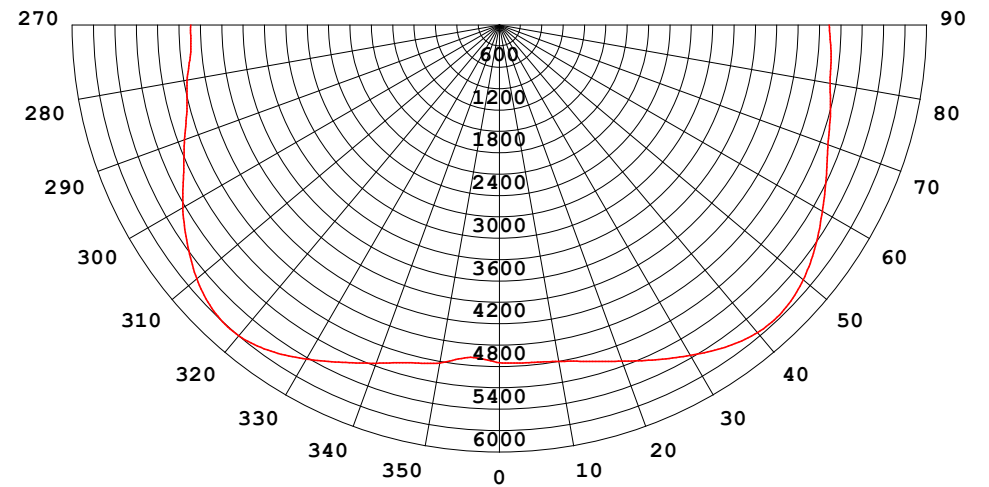
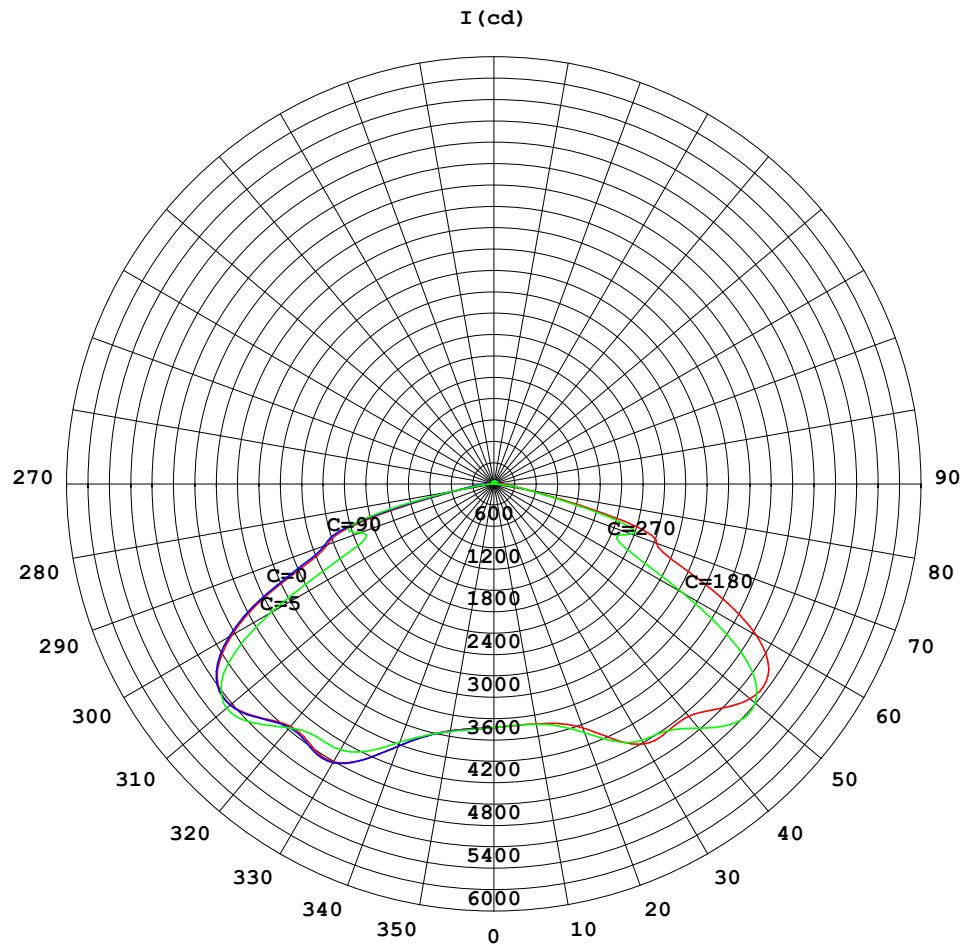
γ (DEG)	C (DEG)																				
	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355						
0	3418	3421	3422	3424	3423	3422	3424	3425	3426	3427	3425	3425	3428	3430	3433						
5	3410	3414	3418	3423	3426	3427	3431	3435	3440	3442	3445	3447	3453	3454	3460						
10	3441	3447	3456	3461	3469	3472	3481	3486	3495	3500	3504	3508	3519	3522	3532						
15	3543	3552	3564	3573	3585	3592	3605	3614	3627	3632	3642	3646	3656	3663	3674						
20	3757	3769	3790	3800	3819	3825	3846	3857	3877	3884	3900	3902	3917	3917	3932						
25	4046	4069	4106	4136	4178	4201	4236	4248	4268	4265	4272	4262	4269	4264	4275						
30	4237	4286	4351	4422	4503	4565	4617	4643	4650	4628	4601	4562	4538	4517	4515						
35	4324	4387	4479	4573	4675	4754	4811	4826	4805	4749	4677	4603	4545	4504	4485						
40	4578	4644	4735	4827	4925	4988	5026	5006	4947	4845	4743	4642	4564	4502	4470						
45	4889	4956	5049	5142	5250	5325	5365	5336	5262	5128	4996	4868	4784	4712	4678						
50	4945	5036	5153	5297	5443	5557	5622	5599	5513	5364	5212	5067	4962	4888	4851						
55	4543	4708	4894	5136	5351	5550	5678	5697	5594	5420	5228	5056	4909	4820	4685						
60	3512	3855	4173	4555	4890	5234	5470	5572	5461	5240	4973	4737	4502	4370	4144						
65	2252	2647	3083	3604	4040	4517	4842	5055	4977	4773	4455	4105	3720	3480	3197						
70	2193	2422	2757	2957	3099	3377	3591	3833	3961	4082	3992	3570	3026	2618	2361						
75	2003	2757	3612	3387	2688	2199	2017	2242	2717	3505	3962	3339	2345	1818	1500						
80	693	1185	1975	2289	1899	2150	2080	1678	1451	1491	1691	1352	705	526	441						
85	125	174	225	337	483	853	950	673	422	308	234	211	191	170	148						
90	14.3	14.9	16.4	18.3	22.4	25.6	25.9	29.0	25.5	25.3	23.3	25.9	23.0	25.6	22.5						
95	17.0	17.7	19.1	20.2	21.5	22.4	23.2	23.2	23.0	22.2	21.4	20.2	19.4	18.6	18.5						
100	21.6	22.1	23.1	24.1	25.4	26.4	27.3	27.4	27.3	26.7	26.1	25.2	24.6	23.9	24.0						
105	26.6	26.9	27.8	28.7	30.1	31.1	31.9	31.9	31.6	31.0	30.5	29.8	29.4	29.1	29.2						
110	31.6	31.8	32.7	33.5	34.4	35.0	35.6	35.7	35.8	35.4	35.1	34.4	34.1	33.8	34.0						
115	36.0	36.1	36.7	37.1	37.9	38.4	38.7	38.7	38.8	38.6	38.4	38.0	37.9	37.7	37.9						
120	39.6	39.5	39.6	39.7	40.1	40.5	41.1	41.3	41.3	40.9	40.5	40.1	39.9	39.7	40.0						
125	42.2	41.9	41.7	41.5	41.6	41.8	42.1	42.4	42.4	42.2	41.8	41.4	41.2	41.1	41.3						
130	44.0	43.9	43.5	43.0	42.6	42.5	42.5	42.5	42.5	42.3	41.9	41.6	41.4	41.2	41.5						
135	44.5	44.6	44.1	43.6	43.1	42.6	42.3	42.0	41.7	41.4	41.2	41.0	40.8	40.6	40.7						
140	43.6	43.7	43.6	43.1	42.6	42.1	41.7	41.1	40.7	40.4	40.2	40.1	39.9	39.7	39.7						
145	42.1	42.2	42.2	42.1	41.7	41.3	41.0	40.5	40.1	39.7	39.4	39.2	39.1	38.9	38.9						
150	41.0	41.0	41.1	41.0	40.9	40.7	40.5	40.2	39.9	39.5	39.2	38.9	38.8	38.8	38.7						
155	40.2	40.2	40.3	40.2	40.2	40.2	40.2	40.1	39.9	39.7	39.3	39.0	38.8	38.8	38.8						
160	39.5	39.6	39.7	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.5	39.3	39.1	39.0	39.1						
165	39.1	39.2	39.3	39.4	39.4	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.4	39.4	39.7						
170	39.0	39.1	39.2	39.3	39.3	39.4	39.5	39.5	39.6	39.7	39.7	39.8	39.9	40.0	40.3						
175	38.9	38.9	39.1	39.1	39.2	39.2	39.3	39.3	39.4	39.5	39.5	39.6	39.9	40.2	40.7						
180	38.7	38.8	39.0	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.5	39.9	40.8						

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:2023-10-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

FLUX DATA:

LOR:	100.0 %
STREET DOWN:	10749 lm
STREET UP:	98.10 lm
HOUSE DOWN:	10382 lm
HOUSE UP:	109.8 lm



$I_{\max}(100\%) = 5697 \text{ cd}$

