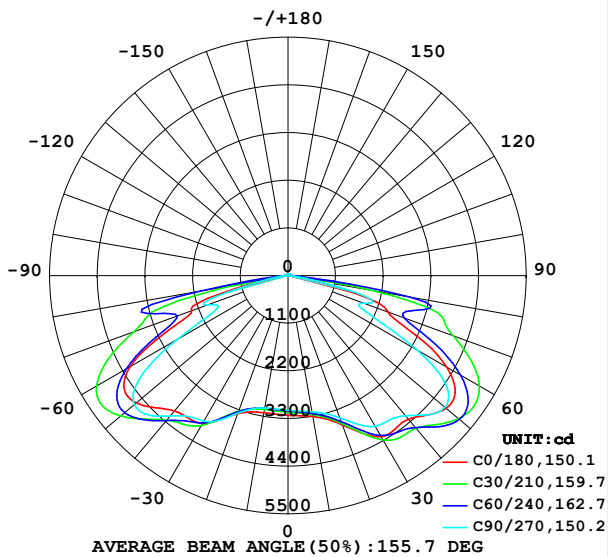
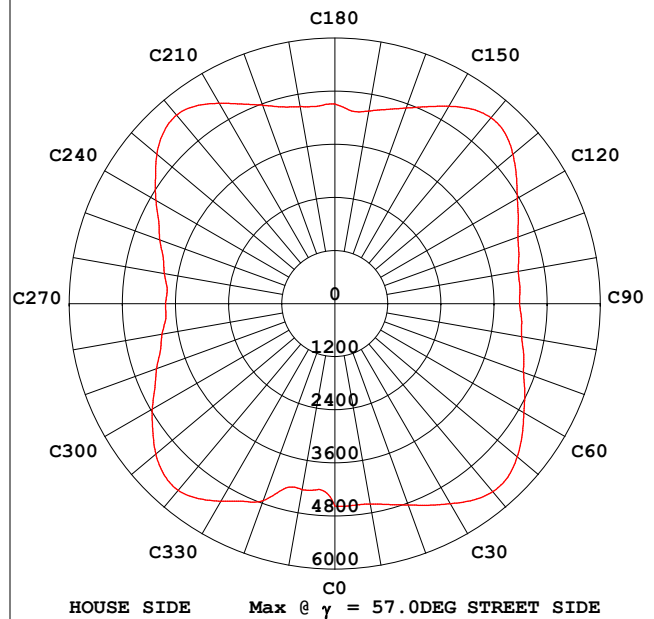


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.22 lm/W			
MODEL	SB05-150W-T5	I <sub>max</sub> (cd)	5567	η street_up (%)	0.5
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	50.5
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	20171	η house_up (%)	0.5
NOMINAL FLUX (lm)	20170.7	MAXIMUM @ (C, γ )	220,57.0	η house_down (%)	48.5
LAMPS INSIDE	1	η up (%)	1.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	99.0	SLI	

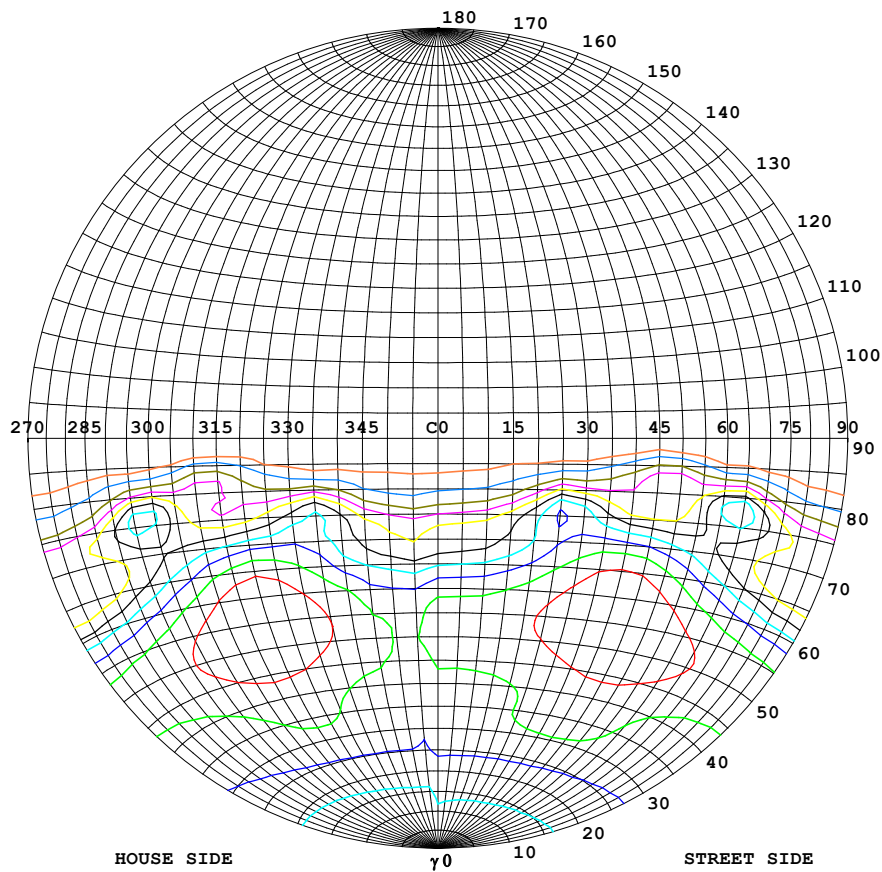
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

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:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	



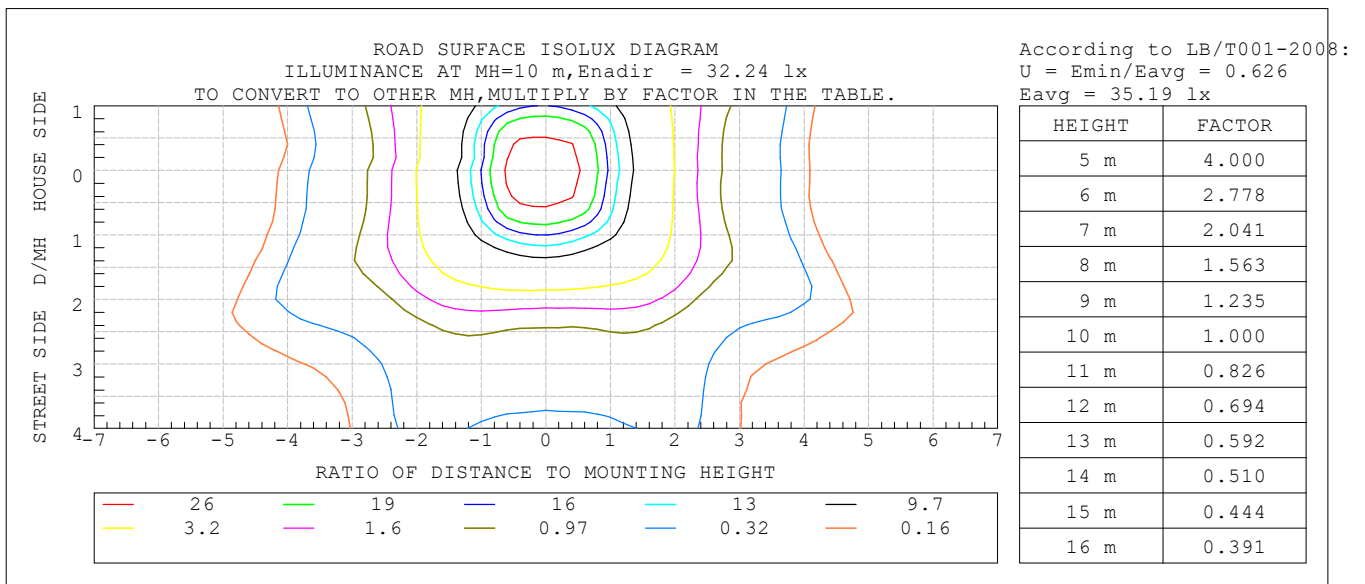
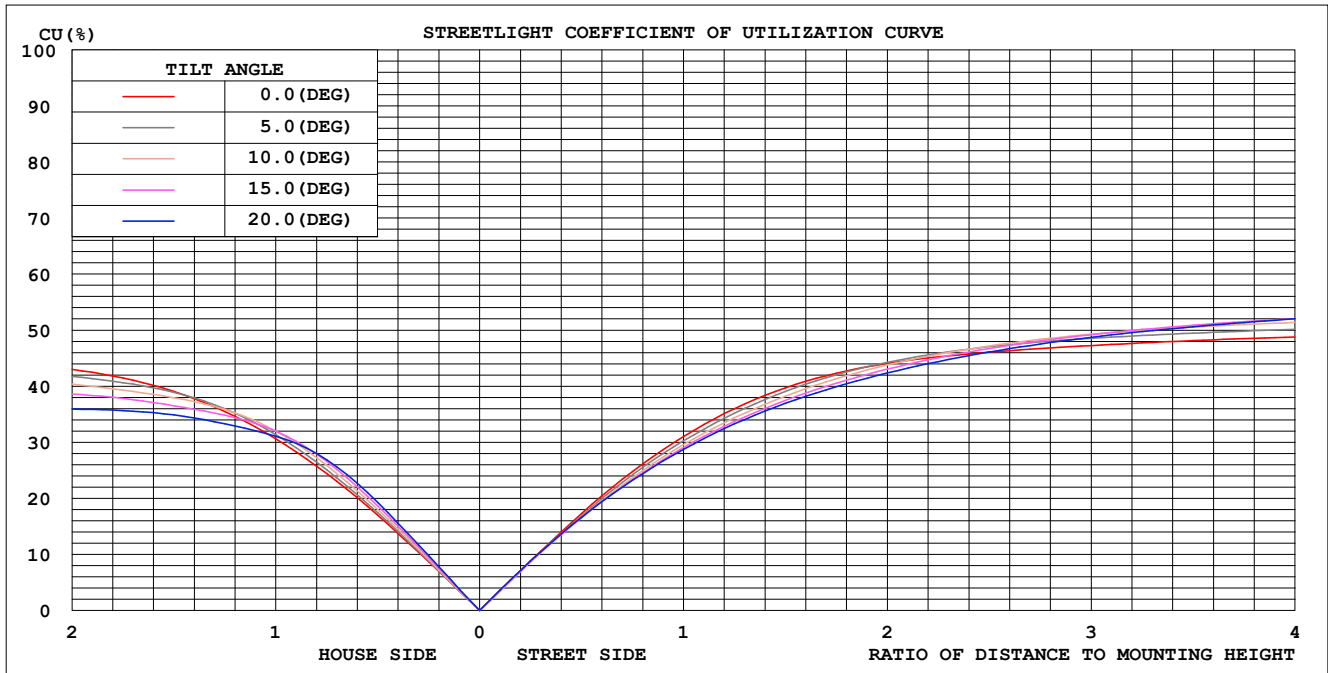
## Classification:

IES:Type VS - Short  
 CIE:Broad - Short  
 IES:Semi cut-off  
 CIE:Non-cut-off  
 Max.At80:147.9cd/klm  
 Max.At90:2.452cd/klm  
 Max.80-90:147.9cd/klm  
 NRB 5101:Semi limited[18.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	5567
90%	5010
80%	4453
70%	3897
60%	3340
50%	2783
40%	2227
30%	1670
20%	1113
10%	557
5%	278

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

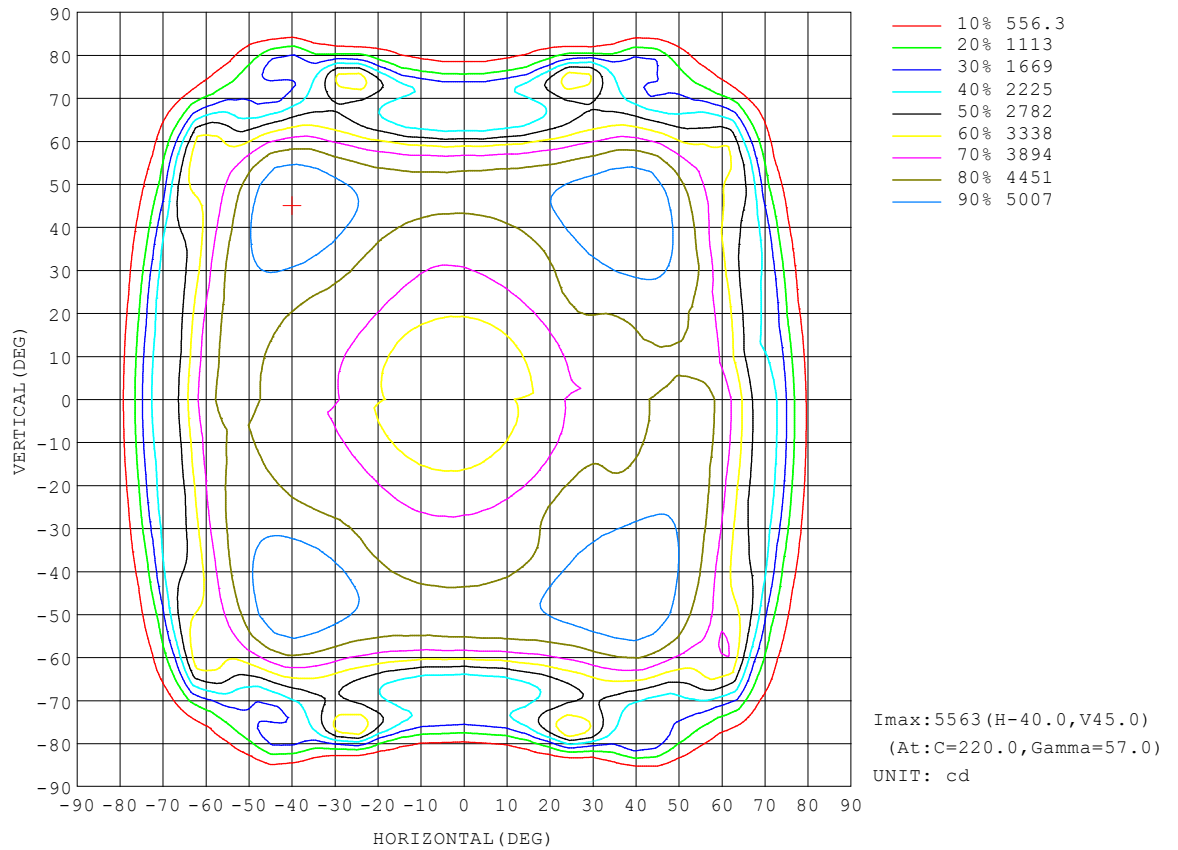
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	3305	3241	3192	3141	3215	3117	3106	3143	0- 10	300.0	300.0	1.49,1.49
20	3662	3609	3492	3391	3390	3331	3374	3477	10- 20	932.7	1233	6.11,6.11
30	4291	4390	4015	4061	3936	4028	3881	4278	20- 30	1753	2986	14.8,14.8
40	4329	4785	4227	4498	4081	4519	4233	4750	30- 40	2652	5638	28,28
50	4764	5440	4731	5241	4571	5298	4631	5440	40- 50	3617	9255	45.9,45.9
60	4232	5420	3447	5358	4206	5355	2966	5297	50- 60	4300	13554	67.2,67.2
70	2452	3911	1875	3777	2366	3358	1987	3382	60- 70	3531	17085	84.7,84.7
80	501.4	1849	483.4	1765	470.8	1905	407.4	1721	70- 80	2419	19504	96.7,96.7
90	19.86	49.46	7.920	27.44	14.41	23.42	10.84	30.42	80- 90	470.6	19975	99,99
100	19.66	21.34	15.44	21.77	23.02	26.24	19.51	25.69	90-100	19.14	19994	99.1,99.1
110	28.94	30.14	24.67	30.77	32.86	34.73	29.43	33.55	100-110	27.27	20021	99.3,99.3
120	35.11	35.50	33.36	36.40	39.22	39.84	36.74	38.55	110-120	33.44	20054	99.4,99.4
130	36.46	36.55	36.52	36.37	41.03	39.95	40.34	39.64	120-130	33.90	20088	99.6,99.6
140	34.30	35.93	36.74	34.46	39.12	38.23	40.26	38.76	130-140	29.50	20118	99.7,99.7
150	33.02	35.31	35.36	33.68	37.31	37.20	37.87	37.45	140-150	22.91	20141	99.9,99.9
160	33.83	35.50	34.80	33.78	37.15	36.54	36.07	36.54	150-160	16.48	20157	99.9,99.9
170	36.28	36.00	34.53	34.98	38.47	36.79	35.48	36.13	160-170	10.10	20167	100,100
180	37.90	36.25	34.97	35.75	38.08	36.20	34.98	35.75	170-180	3.440	20171	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

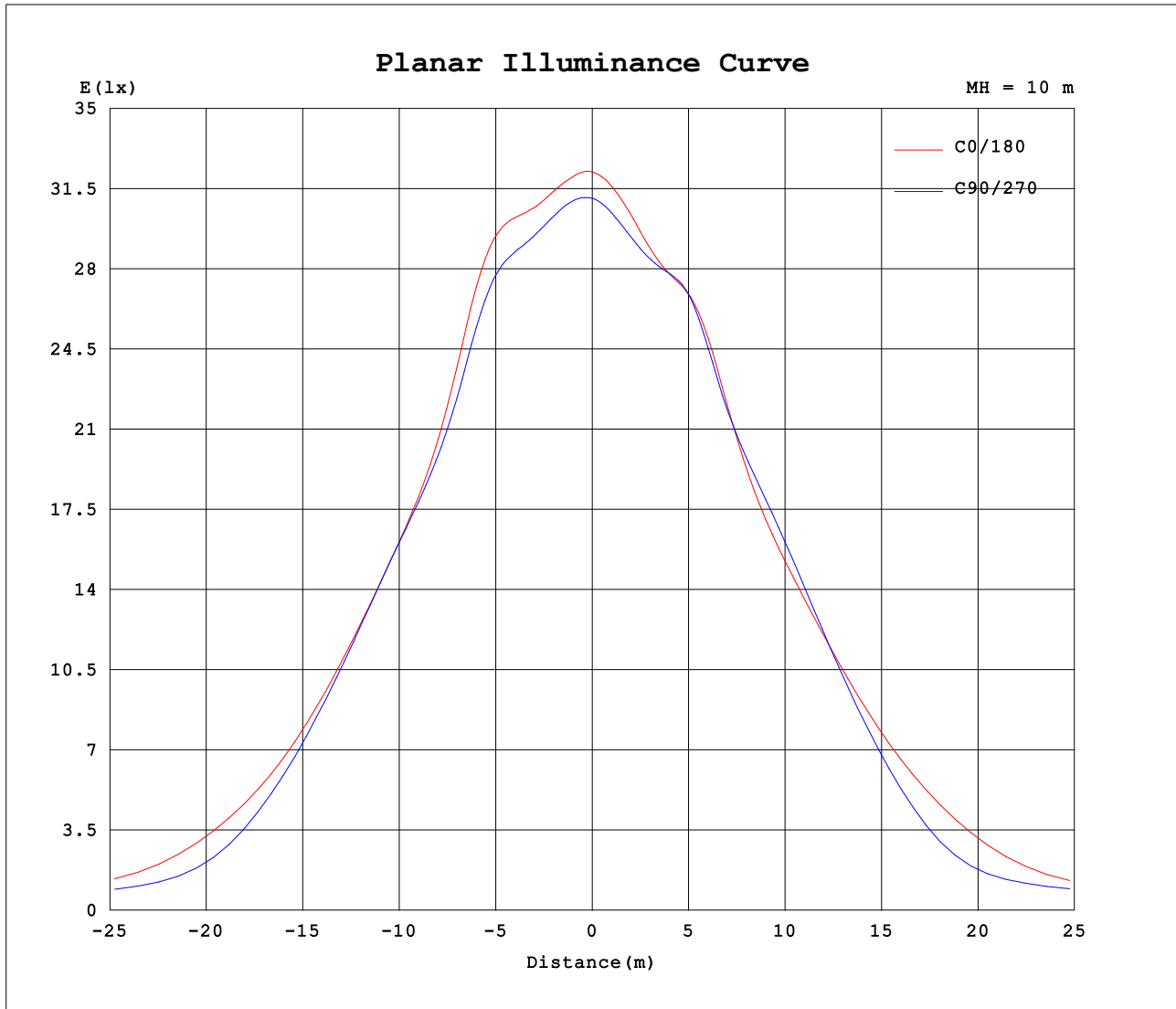
Test:U:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	



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



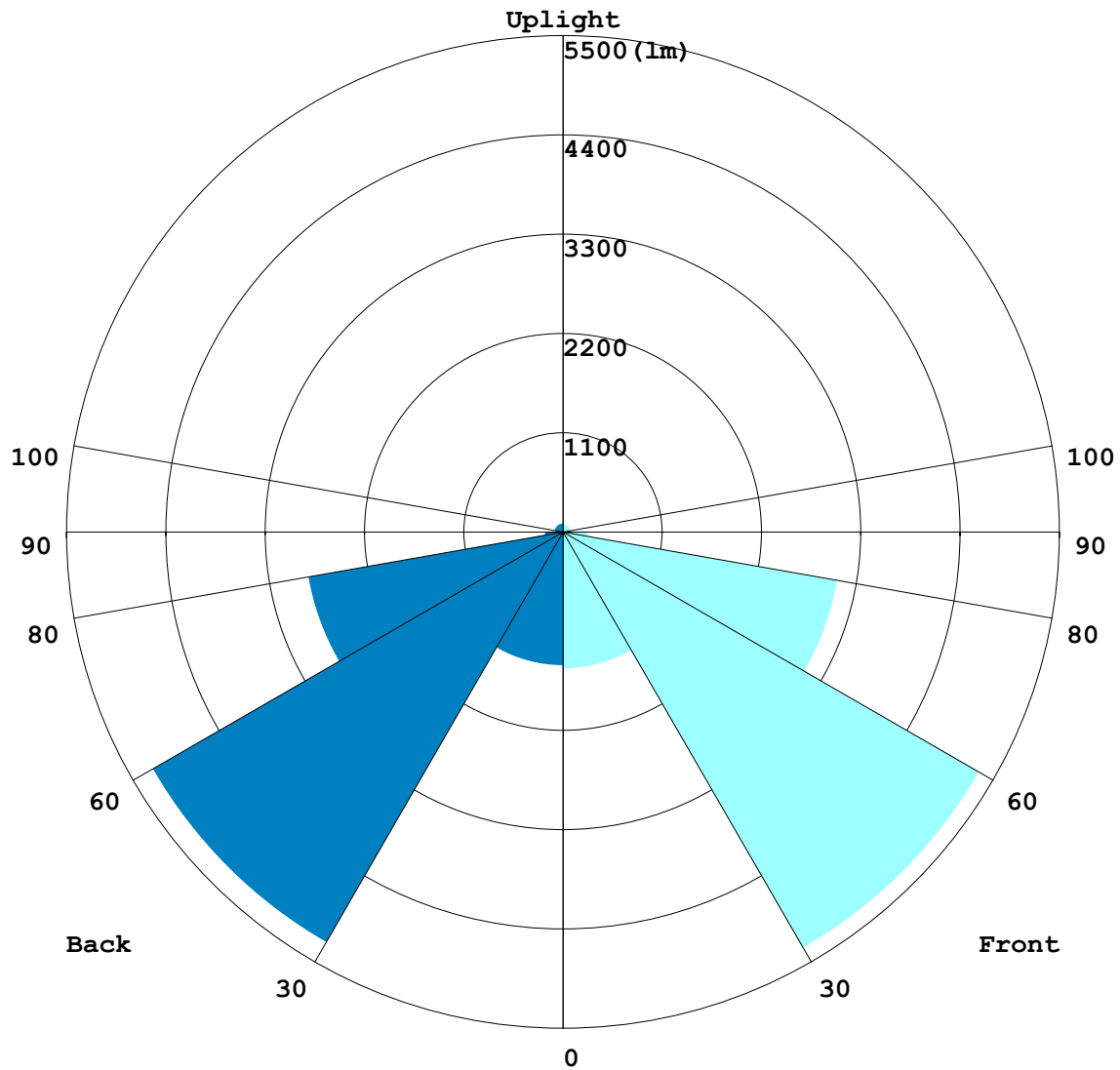
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: C  
 Test Date: 2023-10-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 lm		
NAME: SB05-150W-T5	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.: 1	

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1510	7.5
FM - Front-Medium(30-60)	5320.9	26.4
FH - Front-High(60-80)	3084.2	15.3
FVH - Front-Very High(80-90)	268.95	1.3
Total Forward Light	10276	50.9

BL - Back-Low(0-30)	1475.7	7.3
BM - Back-Medium(30-60)	5247.8	26.0
BH - Back-High(60-80)	2865.4	14.2
BVH - Back-Very High(80-90)	201.66	1.0
Total Back Light	9894.3	49.1

UL - Uplight-Low(90-100)	19.14	0.1
UH - Uplight-High(100-180)	177.03	0.9
Total Up Light	196.17	1.0

BUG (Back, Up, Glare) Rating	B4-U3-G3
------------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	9790.6	103.67	9894.3
Street Side	10184	92.493	10276

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

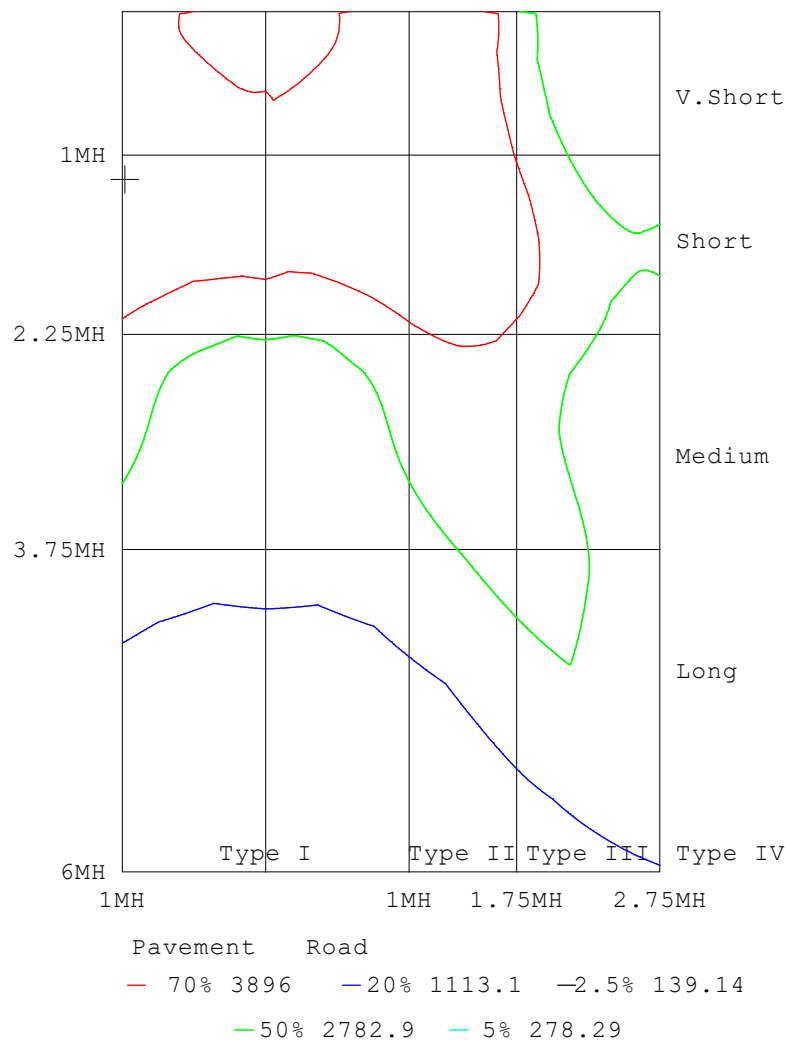
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:8.000m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 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:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 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	3224	3205	3189	3177	3169	3160	3155	3149	3141	3135	3130	3126	3126	3122	3121	3115	3113	3110	3109
5	3246	3230	3216	3205	3198	3192	3188	3183	3176	3169	3166	3162	3162	3158	3154	3149	3146	3141	3138
10	3305	3289	3278	3269	3264	3260	3258	3253	3250	3241	3238	3232	3231	3224	3220	3211	3206	3197	3192
15	3426	3411	3403	3395	3394	3389	3390	3386	3384	3373	3371	3362	3360	3347	3340	3326	3318	3305	3297
20	3662	3644	3638	3628	3632	3626	3630	3625	3622	3609	3604	3588	3583	3565	3555	3530	3521	3501	3492
25	4006	3989	3987	3977	3987	3983	3997	3992	3996	3975	3966	3935	3923	3888	3869	3835	3822	3795	3785
30	4291	4285	4289	4298	4322	4342	4376	4396	4409	4390	4364	4311	4258	4191	4142	4090	4060	4031	4015
35	4319	4324	4338	4368	4412	4474	4546	4608	4642	4635	4593	4510	4415	4311	4227	4160	4118	4091	4074
40	4329	4326	4345	4379	4435	4505	4601	4690	4764	4785	4763	4677	4580	4465	4382	4300	4266	4235	4227
45	4551	4539	4566	4597	4657	4737	4859	4982	5089	5124	5115	5027	4930	4813	4732	4648	4605	4559	4545
50	4764	4755	4765	4810	4888	4995	5136	5284	5402	5440	5402	5294	5165	5039	4943	4867	4810	4764	4731
55	4708	4706	4718	4797	4916	5072	5243	5428	5548	5554	5442	5272	5074	4905	4750	4660	4567	4526	4477
60	4232	4250	4285	4437	4627	4866	5098	5344	5468	5420	5201	4923	4601	4330	4059	3866	3638	3547	3447
65	3252	3319	3415	3672	3983	4368	4670	4960	5059	4956	4630	4229	3753	3335	2861	2509	2185	2071	1989
70	2452	2483	2574	2899	3344	3847	4052	4140	4047	3911	3553	3201	2856	2585	2289	2032	1917	1877	1875
75	1665	1780	1932	2405	3133	3988	3683	2964	2427	2257	2250	2587	3087	3378	3034	2438	2063	1912	1813
80	501	540	597	830	1398	2351	1930	1704	1697	1849	1987	2156	2863	2984	1769	951	627	544	483
85	189	205	220	274	286	333	347	481	749	1154	1100	632	339	345	202	166	118	102	85.6
90	19.9	27.4	30.6	38.9	35.5	40.9	37.6	45.9	47.1	49.5	43.5	34.3	21.4	17.8	13.9	12.0	9.42	7.92	7.92
95	14.4	14.2	14.4	14.8	15.5	16.0	16.7	17.0	17.1	16.8	16.3	15.3	14.5	13.5	12.7	11.8	11.3	10.9	10.9
100	19.7	19.4	19.5	19.8	20.4	20.9	21.5	21.7	21.8	21.3	20.8	19.9	19.1	18.0	17.2	16.3	15.8	15.4	15.4
105	24.4	24.0	23.9	24.0	24.7	25.1	25.8	26.3	26.5	26.1	25.5	24.3	23.4	22.2	21.6	20.8	20.4	20.0	20.1
110	28.9	28.5	28.3	28.4	29.0	29.4	30.1	30.4	30.6	30.1	29.5	28.4	27.6	26.6	25.9	25.2	24.9	24.6	24.7
115	32.9	32.5	32.3	32.3	32.6	32.8	33.1	33.3	33.4	33.3	33.1	32.4	31.7	30.8	30.3	29.8	29.7	29.4	29.5
120	35.1	34.8	34.6	34.6	34.7	34.9	35.3	35.5	35.6	35.5	35.1	34.7	34.5	34.1	34.0	33.8	33.8	33.4	33.4
125	36.5	36.2	35.9	36.0	36.0	36.2	36.4	36.6	36.5	36.4	36.1	36.0	35.9	36.0	36.2	36.3	36.1	35.7	35.5
130	36.5	36.2	36.0	36.0	36.1	36.3	36.5	36.6	36.6	36.5	36.5	36.6	36.8	37.2	37.4	37.5	37.0	36.7	36.5
135	35.6	35.4	35.3	35.5	35.6	35.6	35.7	35.9	36.0	36.3	36.6	37.1	37.5	37.9	38.1	37.9	37.5	37.3	37.1
140	34.3	34.3	34.4	34.6	34.6	34.7	34.8	35.1	35.4	35.9	36.5	36.9	37.3	37.6	37.6	37.4	37.2	36.9	36.7
145	33.3	33.5	33.7	33.8	33.9	34.1	34.4	34.8	35.2	35.6	36.0	36.3	36.6	36.7	36.6	36.4	36.2	36.0	35.9
150	33.0	33.3	33.5	33.7	33.8	34.1	34.4	34.8	35.1	35.3	35.6	35.9	36.0	36.0	35.9	35.8	35.7	35.5	35.4
155	33.1	33.5	33.6	33.8	33.9	34.4	34.7	35.0	35.1	35.4	35.5	35.5	35.6	35.6	35.6	35.4	35.3	35.2	35.1
160	33.8	34.2	34.3	34.5	34.8	35.1	35.3	35.4	35.4	35.5	35.6	35.7	35.6	35.6	35.5	35.3	35.1	35.0	34.8
165	35.0	35.3	35.4	35.6	35.8	35.9	35.9	36.0	35.8	35.8	35.8	35.8	35.7	35.4	35.3	34.9	34.7	34.5	34.4
170	36.3	36.6	36.5	36.6	36.6	36.5	36.4	36.4	36.2	36.0	35.9	35.7	35.5	35.2	35.1	34.8	34.6	34.6	34.5
175	37.5	37.5	37.2	37.0	36.8	36.6	36.5	36.4	36.3	36.0	35.8	35.7	35.5	35.3	35.1	34.8	34.7	34.6	34.7
180	37.9	37.8	37.2	37.0	36.8	36.8	36.6	36.6	36.4	36.3	36.0	35.9	35.8	35.6	35.3	35.2	35.0	35.0	35.0

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:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 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	3106	3106	3104	3103	3101	3101	3101	3101	3101	3099	3099	3100	3100	3100	3101	3101	3101	3224	3205
5	3132	3132	3128	3124	3121	3118	3114	3113	3110	3107	3103	3101	3099	3098	3096	3095	3093	3210	3190
10	3181	3179	3172	3166	3159	3155	3149	3146	3141	3135	3129	3126	3119	3117	3111	3107	3102	3215	3194
15	3283	3279	3267	3261	3250	3245	3236	3233	3222	3215	3205	3197	3186	3179	3168	3161	3150	3258	3237
20	3473	3468	3452	3445	3428	3422	3407	3404	3391	3384	3370	3363	3345	3335	3316	3307	3292	3390	3373
25	3759	3757	3737	3731	3712	3710	3697	3702	3689	3689	3670	3661	3634	3623	3597	3588	3568	3661	3646
30	3995	3989	3980	3985	3988	4010	4025	4055	4061	4063	4039	4012	3967	3931	3892	3869	3846	3936	3918
35	4060	4056	4056	4073	4107	4163	4221	4277	4301	4298	4255	4193	4114	4046	3985	3943	3918	4016	3994
40	4207	4212	4206	4233	4267	4340	4406	4478	4498	4477	4398	4306	4201	4119	4048	4006	3970	4081	4070
45	4520	4530	4526	4560	4598	4678	4750	4838	4860	4836	4726	4597	4452	4357	4279	4238	4192	4312	4312
50	4716	4717	4733	4767	4829	4930	5053	5180	5241	5225	5109	4946	4767	4637	4537	4478	4439	4571	4560
55	4485	4484	4541	4606	4728	4887	5092	5290	5437	5461	5343	5145	4929	4748	4610	4511	4466	4607	4583
60	3509	3553	3746	3926	4181	4443	4777	5096	5358	5438	5322	5059	4779	4519	4311	4143	4078	4206	4168
65	2038	2105	2364	2689	3152	3580	4072	4515	4892	5040	4938	4598	4240	3834	3499	3202	3063	3121	3084
70	1870	1893	1964	2178	2477	2755	3070	3406	3777	3929	3992	3837	3619	3143	2675	2397	2311	2366	2369
75	1885	1985	2310	2848	3397	3251	2691	2202	2039	2075	2602	3394	3862	3044	2285	1768	1592	1605	1562
80	520	558	767	1325	2669	2740	2091	1812	1765	1636	1535	1518	1954	1224	710	514	463	471	459
85	99.0	106	143	168	266	270	444	777	1002	635	424	271	268	233	229	185	172	169	164
90	8.57	9.96	12.1	12.9	15.2	15.1	23.2	21.8	27.4	19.1	18.8	15.3	14.9	14.0	14.0	13.6	13.9	14.4	14.4
95	10.9	11.6	12.1	13.1	14.0	15.2	16.1	17.0	17.3	17.5	17.1	16.6	15.9	15.6	15.1	15.5	15.8	17.6	17.7
100	15.5	16.1	16.7	17.7	18.5	19.7	20.6	21.4	21.8	22.0	21.7	21.3	20.6	19.8	18.7	18.5	18.8	23.0	23.2
105	20.1	20.7	21.2	22.0	22.8	23.9	25.0	26.0	26.5	26.8	26.3	25.7	24.8	24.0	22.9	22.6	22.5	28.2	28.3
110	24.7	25.3	25.7	26.5	27.3	28.4	29.2	30.3	30.8	31.1	30.6	30.0	29.2	28.5	27.3	26.8	26.7	32.9	33.0
115	29.5	30.1	30.3	31.0	31.5	32.5	33.2	33.9	33.9	34.0	33.7	33.3	32.8	32.4	31.5	30.8	30.6	36.9	36.9
120	33.4	33.8	33.9	34.1	34.5	34.9	35.4	36.1	36.4	36.5	36.2	35.8	35.4	34.9	34.3	33.6	33.0	39.2	39.2
125	35.5	35.7	35.9	35.8	35.9	36.2	36.6	36.9	37.1	37.1	37.0	36.9	36.8	36.8	36.3	35.7	34.9	40.8	40.8
130	36.5	36.7	36.9	36.8	36.6	36.5	36.4	36.4	36.4	36.3	36.5	36.8	37.0	37.1	36.8	36.2	35.3	41.0	41.0
135	37.0	37.0	37.0	36.8	36.6	36.1	35.6	35.3	35.3	35.4	35.6	36.2	36.6	36.5	36.2	35.7	34.9	40.4	40.3
140	36.6	36.4	36.2	36.0	35.7	35.2	34.8	34.6	34.5	34.5	34.6	34.8	35.3	35.2	34.9	34.4	33.9	39.1	39.0
145	35.7	35.4	35.2	35.0	34.9	34.7	34.4	34.2	34.0	33.9	33.8	33.8	33.7	33.9	33.6	33.2	32.8	37.9	37.7
150	35.2	34.9	34.7	34.5	34.3	34.2	34.1	33.9	33.7	33.5	33.4	33.4	33.2	33.2	32.9	32.7	32.5	37.3	36.9
155	34.9	34.7	34.5	34.3	34.1	34.0	33.9	33.8	33.7	33.4	33.2	33.1	33.1	33.1	32.9	32.5	32.5	37.1	36.6
160	34.6	34.5	34.5	34.3	34.2	34.0	34.0	33.9	33.8	33.6	33.4	33.3	33.3	33.3	33.2	33.0	33.0	37.1	36.5
165	34.4	34.4	34.5	34.4	34.4	34.4	34.4	34.3	34.2	34.1	34.0	34.0	34.0	34.0	34.0	34.0	34.0	37.7	37.0
170	34.6	34.6	34.7	34.8	34.9	34.9	34.9	35.0	35.0	34.9	34.9	34.9	34.9	34.8	34.9	35.0	35.1	38.5	37.7
175	34.7	34.7	34.8	35.0	35.1	35.2	35.3	35.4	35.4	35.4	35.4	35.6	35.8	36.0	36.6	37.2	36.0	38.9	38.2
180	35.0	35.1	35.2	35.3	35.5	35.5	35.6	35.7	35.8	35.7	35.7	35.8	35.9	36.2	36.7	37.5	36.5	38.1	37.7

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:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz		
Lamp Flux:20170.7x1 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	3189	3177	3169	3160	3155	3149	3141	3135	3130	3126	3126	3122	3121	3115	3113	3110	3109	3106	3106
5	3174	3161	3151	3142	3135	3129	3122	3114	3109	3106	3105	3103	3102	3096	3095	3093	3093	3091	3093
10	3177	3164	3153	3145	3137	3132	3124	3117	3112	3110	3108	3108	3107	3105	3104	3106	3106	3108	3111
15	3220	3207	3198	3192	3187	3185	3179	3176	3172	3174	3175	3177	3178	3179	3179	3184	3186	3192	3197
20	3353	3346	3335	3337	3330	3335	3327	3331	3328	3339	3341	3352	3352	3359	3360	3372	3374	3387	3393
25	3627	3624	3617	3626	3627	3641	3636	3645	3635	3642	3633	3640	3639	3646	3650	3666	3671	3688	3697
30	3907	3915	3930	3966	3996	4029	4031	4028	3996	3967	3925	3897	3873	3864	3862	3873	3881	3899	3919
35	3995	4017	4060	4126	4195	4251	4272	4266	4223	4168	4100	4047	4000	3978	3967	3975	3979	3996	4014
40	4082	4122	4181	4266	4357	4453	4499	4519	4485	4439	4366	4317	4266	4244	4229	4237	4233	4252	4268
45	4329	4382	4450	4567	4688	4822	4889	4915	4867	4799	4703	4643	4590	4566	4545	4549	4549	4576	4605
50	4576	4637	4731	4878	5040	5207	5289	5298	5199	5068	4920	4802	4722	4663	4633	4615	4631	4657	4710
55	4612	4685	4827	5012	5234	5437	5537	5485	5306	5062	4830	4606	4460	4317	4257	4189	4213	4225	4318
60	4236	4337	4566	4801	5102	5374	5505	5355	5059	4650	4306	3948	3674	3339	3148	2953	2966	2980	3197
65	3272	3461	3840	4191	4587	4880	4990	4720	4364	3832	3361	2833	2422	2036	1892	1805	1810	1810	1915
70	2466	2716	3215	3642	3782	3739	3661	3358	3143	2869	2722	2540	2269	2101	2019	2004	1987	1996	2007
75	1799	2162	3091	3865	3243	2282	1817	1653	1941	2537	3371	3602	2770	1941	1582	1302	1298	1311	1609
80	519	618	1055	1356	1178	1238	1506	1905	1969	1724	2044	1671	975	594	482	411	407	414	491
85	183	195	198	198	256	338	582	732	709	341	229	144	118	101	67.3	46.7	55.9	51.1	80.4
90	15.4	16.3	17.7	18.1	19.8	21.4	23.8	23.4	22.6	20.3	18.6	16.5	14.6	13.1	11.7	11.2	10.8	11.0	11.5
95	18.0	18.7	19.3	20.3	20.9	21.6	21.9	21.9	21.3	20.7	19.5	18.6	17.4	16.5	15.6	15.2	14.9	15.0	15.1
100	23.4	23.9	24.4	25.0	25.5	26.0	26.2	26.2	25.7	25.0	23.8	22.8	21.6	20.9	20.1	19.8	19.5	19.6	19.7
105	28.4	28.7	28.9	29.4	29.9	30.4	30.7	31.0	30.5	29.6	28.3	27.2	26.1	25.6	24.9	24.6	24.3	24.4	24.5
110	33.0	33.2	33.4	34.0	34.3	34.7	34.7	34.7	34.3	33.8	32.7	31.9	30.8	30.4	29.8	29.6	29.4	29.5	29.4
115	36.9	37.0	37.1	37.4	37.5	37.7	37.7	37.7	37.4	37.0	36.2	35.6	34.9	34.6	34.0	33.9	33.7	33.7	33.5
120	39.3	39.4	39.6	39.8	40.0	40.2	40.1	39.8	39.4	38.8	38.1	37.7	37.3	37.3	37.1	36.9	36.7	36.9	37.0
125	41.1	41.3	41.3	41.1	41.0	40.7	40.5	40.3	40.2	39.9	39.5	39.2	39.2	39.1	38.9	38.8	38.7	38.9	39.2
130	41.4	41.6	41.6	41.3	40.9	40.5	40.2	39.9	39.9	39.9	40.0	40.2	40.5	40.7	40.4	40.5	40.3	40.6	40.8
135	40.6	40.7	40.8	40.6	40.3	39.9	39.5	39.1	39.0	39.1	39.5	40.0	40.5	40.7	40.8	41.0	41.0	41.2	41.4
140	39.2	39.2	39.3	39.1	39.0	38.8	38.5	38.2	38.2	38.4	38.7	39.1	39.5	39.7	40.0	40.2	40.3	40.4	40.5
145	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.6	37.8	38.0	38.3	38.4	38.5	38.8	38.9	39.0	39.0	39.1
150	36.9	36.9	37.0	37.1	37.1	37.2	37.2	37.2	37.3	37.5	37.5	37.5	37.5	37.6	37.7	37.8	37.9	37.8	37.9
155	36.5	36.5	36.7	36.8	36.9	37.0	37.0	37.0	37.0	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0
160	36.4	36.4	36.6	36.6	36.7	36.7	36.7	36.5	36.6	36.4	36.3	36.2	36.2	36.1	36.1	36.1	36.1	36.1	36.2
165	36.8	36.6	36.7	36.7	36.7	36.7	36.7	36.5	36.5	36.3	36.3	36.1	36.0	35.8	35.6	35.6	35.6	35.6	35.7
170	37.4	37.2	37.2	37.1	37.1	36.9	36.9	36.8	36.6	36.4	36.4	36.1	35.9	35.7	35.5	35.5	35.5	35.5	35.6
175	37.8	37.4	37.2	37.1	37.1	36.9	36.8	36.7	36.4	36.3	36.2	36.0	35.7	35.5	35.4	35.3	35.3	35.4	35.4
180	37.4	37.0	36.9	36.7	36.7	36.6	36.5	36.2	36.0	35.9	35.8	35.6	35.4	35.2	35.0	34.9	35.0	35.1	35.1

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:

### LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.15V I:1.1865A P:145.94W PF:0.9988 Freq:50.01Hz Lamp Flux:20170.7x1 lm																	
NAME: SB05-150W-T5									TYPE:								
MFR.: EVERFINE									DIM.:								
									SUR.: 1								

Table--4

UNIT: cd

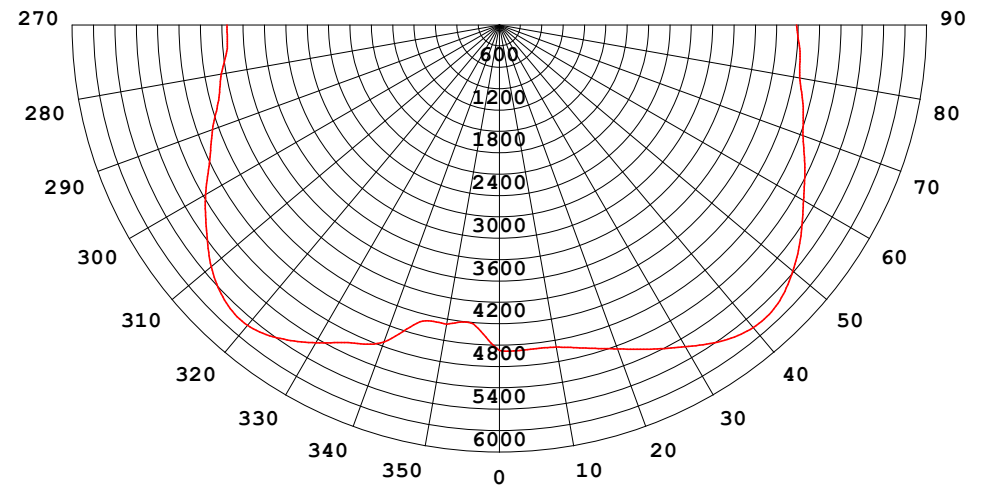
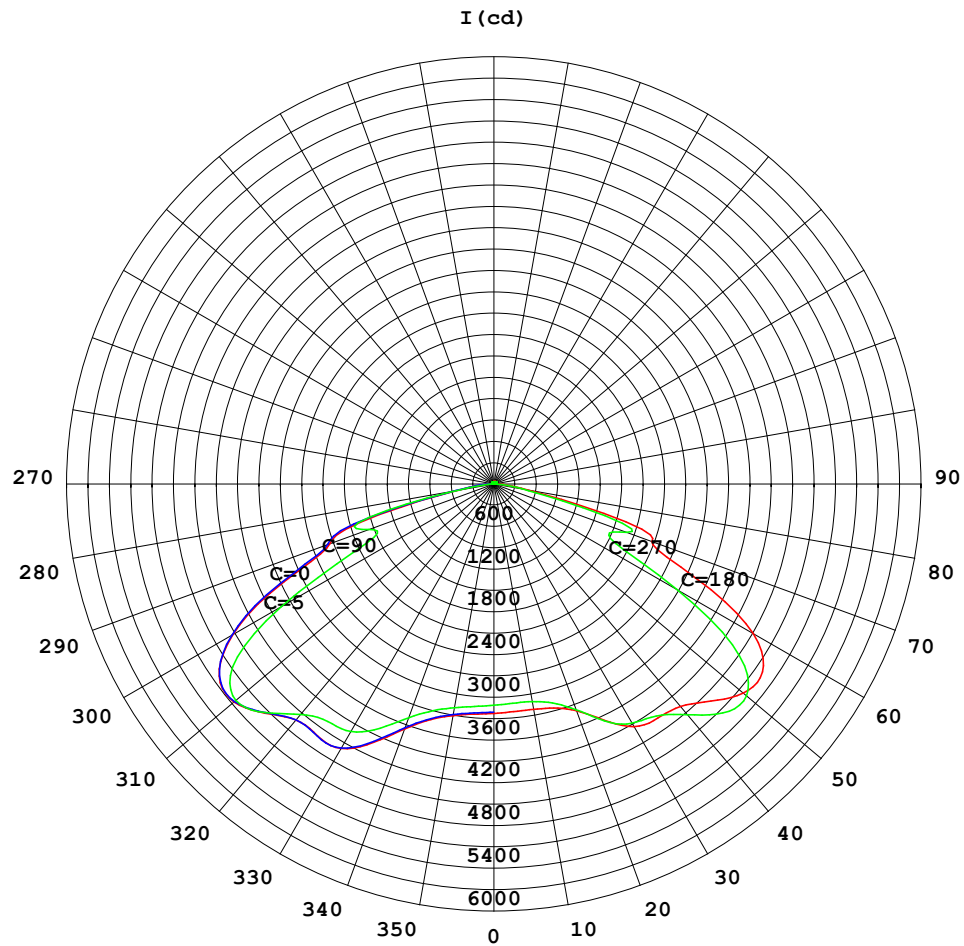
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	3104	3103	3101	3101	3101	3101	3101	3099	3099	3100	3100	3100	3101	3101	3101				
5	3093	3094	3096	3097	3100	3103	3105	3105	3107	3109	3111	3114	3117	3118	3120				
10	3116	3118	3122	3125	3132	3137	3143	3145	3151	3154	3160	3163	3171	3172	3176				
15	3206	3211	3219	3227	3238	3245	3255	3260	3269	3273	3282	3285	3293	3292	3296				
20	3409	3416	3432	3439	3455	3461	3477	3483	3501	3504	3518	3520	3531	3529	3530				
25	3720	3736	3762	3785	3814	3832	3859	3867	3885	3880	3885	3877	3882	3874	3824				
30	3951	3988	4043	4104	4173	4229	4278	4296	4302	4274	4245	4208	4184	4162	3971				
35	4052	4098	4178	4267	4368	4450	4511	4526	4505	4446	4370	4297	4238	4192	4066				
40	4315	4364	4446	4532	4634	4703	4750	4729	4672	4567	4462	4360	4285	4122	3970				
45	4663	4718	4799	4889	5005	5087	5138	5101	5017	4869	4732	4605	4524	4251	4198				
50	4772	4855	4958	5094	5242	5365	5440	5410	5302	5132	4965	4823	4711	4391	4434				
55	4399	4555	4721	4948	5164	5373	5509	5525	5398	5197	4991	4822	4444	4347	4289				
60	3400	3732	4019	4365	4689	5048	5297	5396	5254	4996	4725	4478	4018	3913	3875				
65	2082	2484	2907	3415	3849	4335	4655	4861	4753	4515	4194	3638	3310	3119	2921				
70	2091	2283	2572	2753	2879	3156	3382	3639	3740	3847	3594	3129	2613	2312	2194				
75	1991	2798	3595	3305	2518	2021	1825	2018	2453	2960	3483	2818	2030	1628	1395				
80	621	1042	1740	2160	1835	1985	1721	1376	1179	1220	1457	1085	572	463	441				
85	110	129	144	230	331	661	753	521	281	230	187	198	220	204	184				
90	13.1	13.8	15.8	19.4	24.0	29.6	30.4	29.3	25.9	26.3	23.2	26.1	22.9	25.7	23.0				
95	15.9	16.6	17.7	18.7	20.0	21.1	21.8	21.9	21.7	21.0	20.4	19.6	19.1	18.6	18.6				
100	20.2	20.6	21.5	22.4	23.8	24.8	25.7	25.7	25.6	25.1	24.8	24.2	24.0	23.7	23.8				
105	24.9	25.2	26.0	26.9	28.3	29.3	30.1	29.9	29.7	29.1	28.8	28.4	28.5	28.4	28.6				
110	29.7	29.8	30.7	31.4	32.4	33.0	33.6	33.5	33.6	33.3	33.1	32.7	32.8	32.8	33.1				
115	33.8	33.9	34.4	34.9	35.6	36.1	36.4	36.3	36.4	36.3	36.2	36.1	36.2	36.3	36.7				
120	37.2	37.1	37.2	37.2	37.5	38.0	38.5	38.7	38.6	38.3	38.1	37.9	38.0	38.2	38.5				
125	39.6	39.3	39.1	38.8	38.9	39.1	39.4	39.6	39.6	39.5	39.2	39.1	39.2	39.4	39.7				
130	41.3	41.1	40.6	40.1	39.8	39.7	39.6	39.7	39.6	39.5	39.3	39.1	39.3	39.4	39.7				
135	41.7	41.7	41.2	40.7	40.2	39.7	39.4	39.1	38.7	38.6	38.5	38.5	38.6	38.7	38.9				
140	40.6	40.8	40.7	40.2	39.7	39.3	38.8	38.2	37.7	37.5	37.4	37.5	37.7	37.7	37.8				
145	39.1	39.2	39.2	39.1	38.7	38.4	38.0	37.5	37.1	36.7	36.6	36.6	36.8	37.0	37.0				
150	37.9	38.0	38.0	38.0	37.9	37.6	37.4	37.1	36.8	36.6	36.4	36.3	36.5	36.7	36.8				
155	37.0	37.1	37.1	37.1	37.1	37.1	37.1	36.9	36.7	36.6	36.4	36.3	36.4	36.7	36.8				
160	36.3	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.4	36.5	36.5	36.4	36.5	36.9	37.1				
165	35.8	35.9	36.0	36.1	36.2	36.2	36.2	36.2	36.3	36.4	36.5	36.6	36.8	37.2	37.5				
170	35.7	35.8	35.9	36.0	36.0	36.1	36.1	36.2	36.2	36.4	36.5	36.8	37.2	37.7	38.0				
175	35.5	35.6	35.7	35.8	35.8	35.9	35.9	35.9	36.0	36.1	36.3	36.6	37.2	37.9	37.3				
180	35.2	35.3	35.5	35.6	35.6	35.7	35.8	35.7	35.7	35.8	35.9	36.2	36.7	37.5	36.5				

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:	10184 lm
STREET UP:	92.49 lm
HOUSE DOWN:	9791 lm
HOUSE UP:	103.7 lm



**$I_{\max}(100\%) = 5567 \text{ cd}$**

