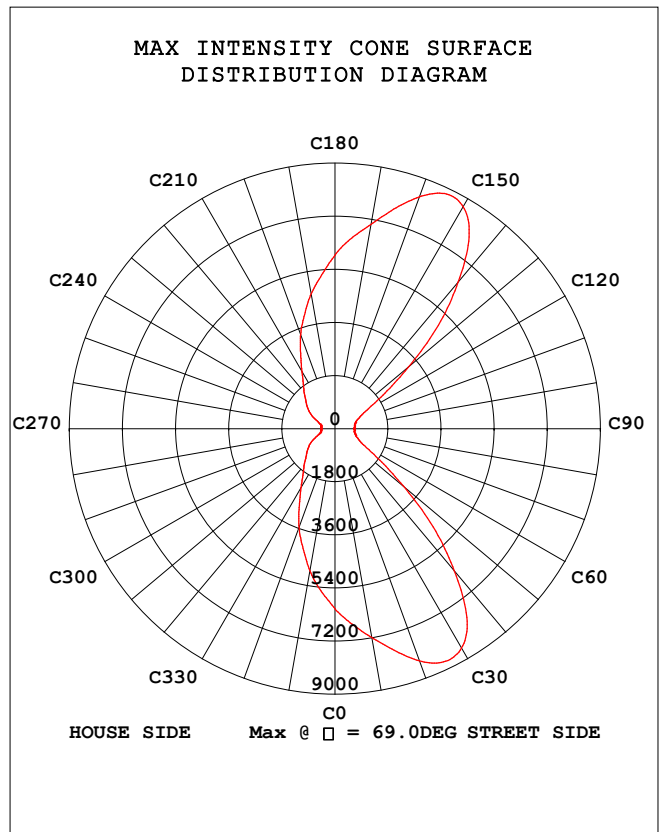
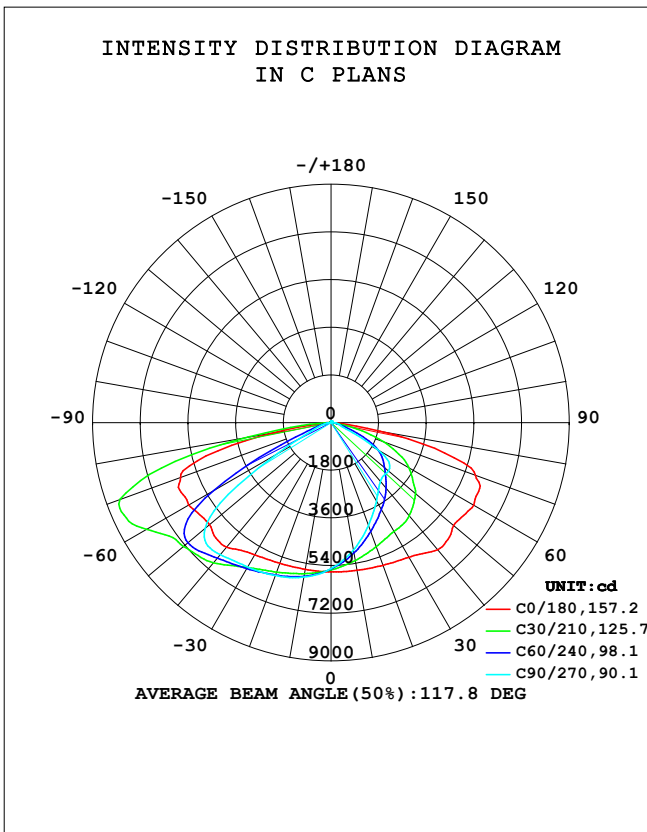


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.19 lm/W			
MODEL	SB05-150W	I <sub>max</sub> (cd)	8794	□ street_up(%)	0.4
NOMINAL POWER(W)	150	LOR(%)	100.0	□ street_down(%)	62.8
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	23134	□ house_up(%)	0.5
NOMINAL FLUX(lm)	23133.7	MAXIMUM @ (C, □ )	155,69.0	□ house_down(%)	36.3
LAMPS INSIDE	1	□ up(%)	0.9	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	120	□ down(%)	99.1	SLI	

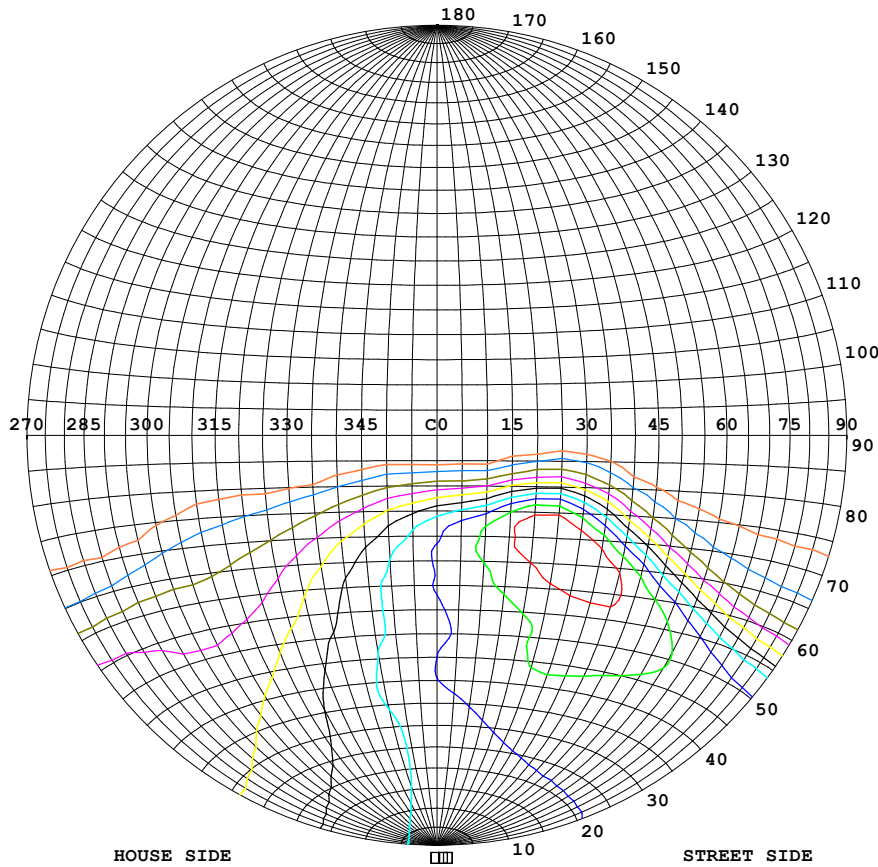


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:



Classification:

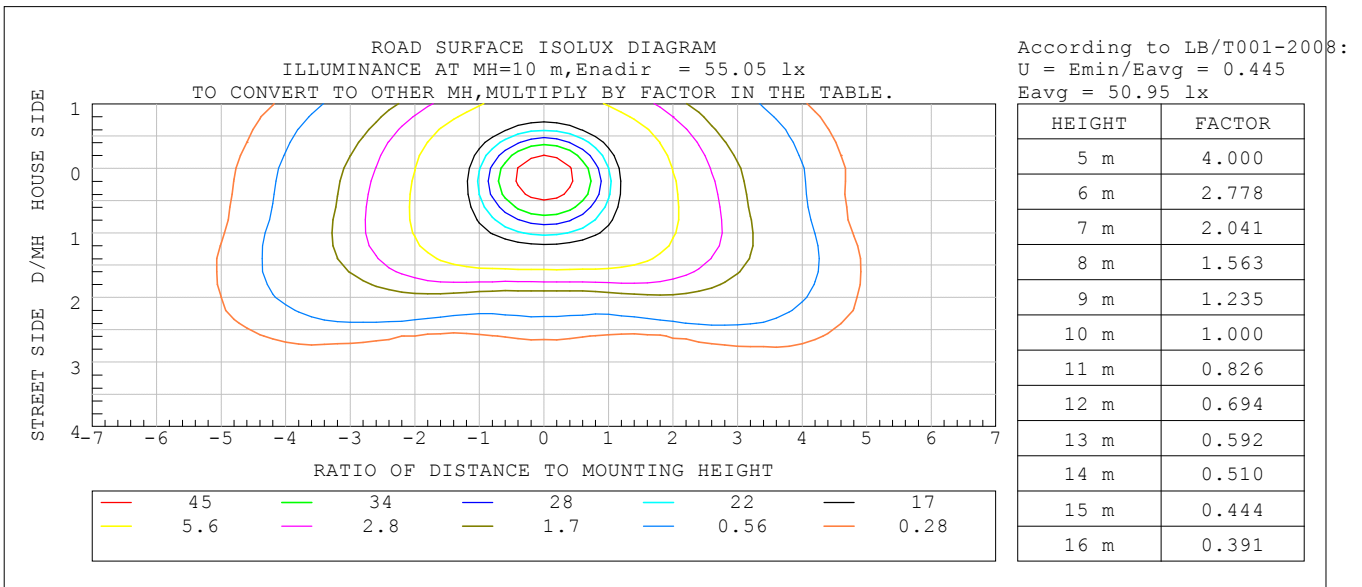
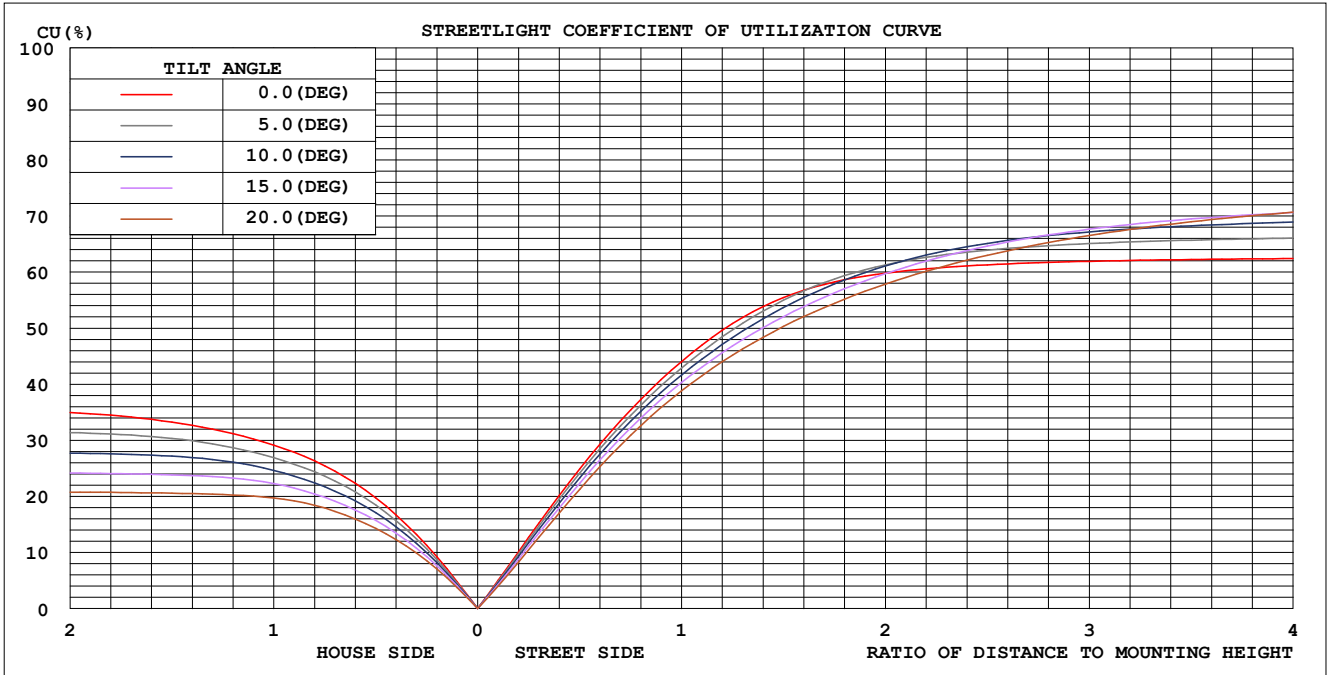
IES:Type III - Medium  
 CIE:Broad - Intermediate  
 IES:Semi cut-off  
 CIE:Non-cut-off  
 Max.At80:182.0cd/klm  
 Max.At90:1.182cd/klm  
 Max.80-90:182.0cd/klm  
 NRB 5101:Semi limited[12.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8794
90%	7915
80%	7035
70%	6156
60%	5276
50%	4397
40%	3518
30%	2638
20%	1759
10%	879
5%	440

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [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: DAMIN  
Test Date: 2021-07-27

Range: 0 - 180DEG  
 Interval: 1.0DEG  
Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
Humidity: 65.0%  
Test Distance: 9.880m [K=1.0000]  
Remarks:

ZONAL FLUX DIAGRAM

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

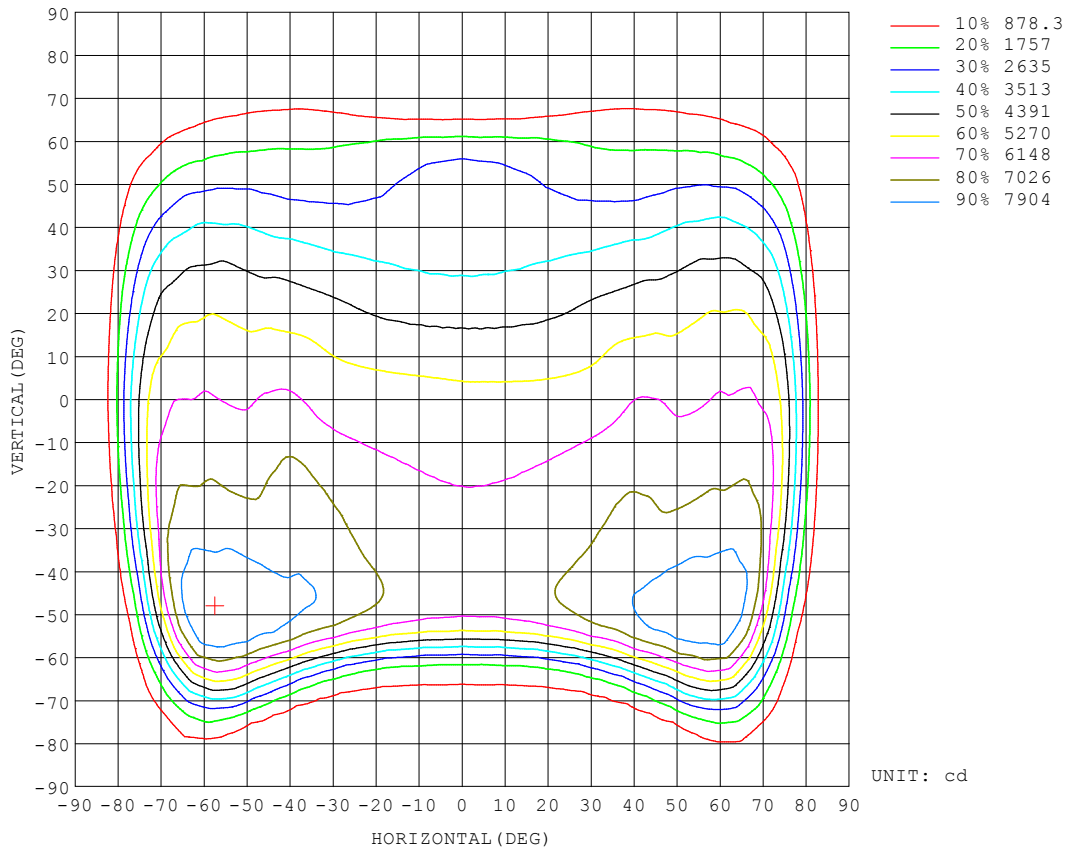
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	5628	5847	5924	5848	5663	5120	4888	5070	0- 10	525.6	525.6	2.27,2.27
20	5654	6087	6145	6142	5734	4637	4134	4583	10- 20	1537	2063	8.92,8.92
30	5767	6399	6297	6535	5875	4203	3433	4152	20- 30	2470	4533	19.6,19.6
40	6140	6833	6513	7069	6265	3757	2907	3742	30- 40	3371	7904	34.2,34.2
50	5994	7413	6213	7638	6046	3067	2839	3087	40- 50	4174	12078	52.2,52.2
60	6212	7661	2303	7834	6231	2272	2010	2235	50- 60	4492	16570	71.6,71.6
70	6049	4168	589.6	4419	5801	1281	460.9	1278	60- 70	3773	20343	87.9,87.9
80	2183	499.0	172.4	518.0	1900	296.1	245.4	318.5	70- 80	2254	22596	97.7,97.7
90	21.46	9.196	6.217	8.861	21.19	20.91	9.293	24.65	80- 90	325.5	22922	99.1,99.1
100	30.07	13.92	9.274	12.54	29.08	26.05	15.57	29.03	90-100	18.76	22941	99.2,99.2
110	37.26	19.95	13.75	17.83	35.70	33.54	25.79	37.56	100-110	25.28	22966	99.3,99.3
120	43.22	26.30	18.93	23.01	41.55	38.73	35.43	45.09	110-120	30.15	22996	99.4,99.4
130	49.58	32.63	24.12	28.11	47.76	44.86	42.83	51.02	120-130	32.71	23029	99.5,99.5
140	53.28	38.67	30.24	33.25	51.60	51.53	48.67	55.25	130-140	32.69	23061	99.7,99.7
150	53.69	43.73	37.32	38.37	52.24	55.59	54.95	57.13	140-150	29.39	23091	99.8,99.8
160	53.96	48.12	43.69	43.30	53.00	56.79	58.65	56.82	150-160	23.17	23114	99.9,99.9
170	54.54	51.92	49.54	47.99	54.05	56.10	57.37	54.71	160-170	14.77	23129	100,100
180	54.42	54.66	54.31	51.72	54.48	54.70	54.40	51.74	170-180	5.061	23134	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

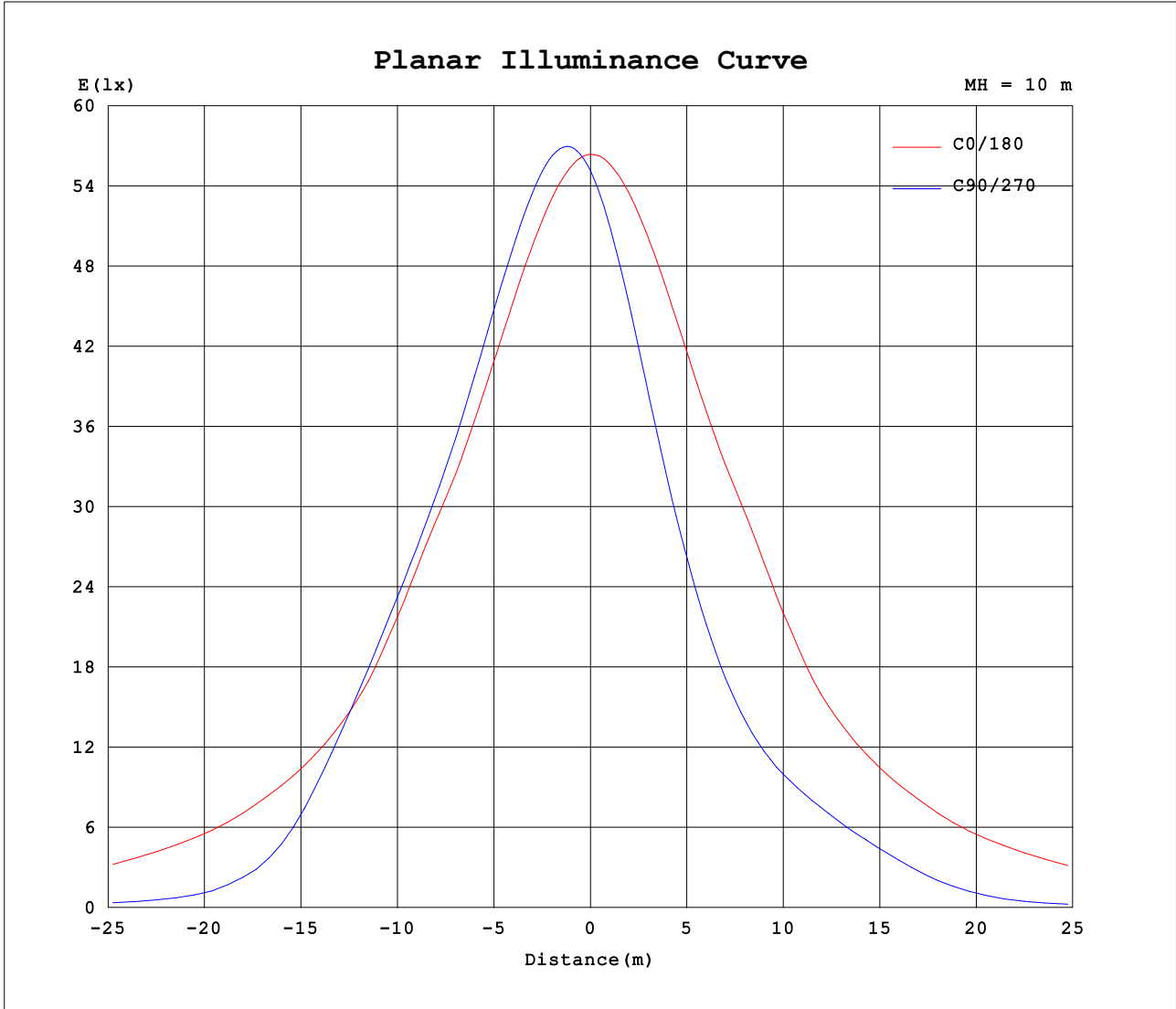
Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



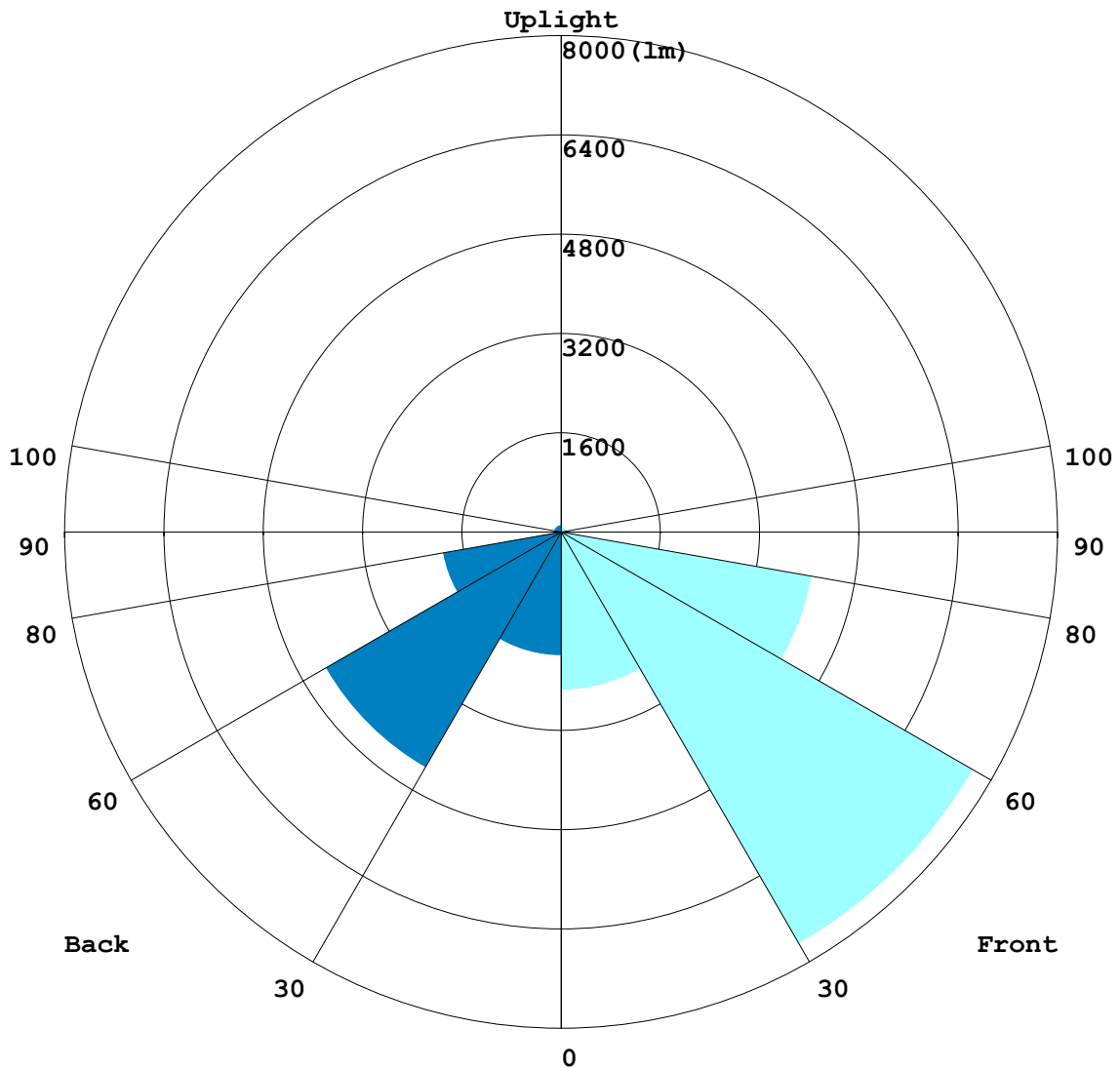
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

**LCS REPORT**

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

**LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH**



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

**BUG REPORT**

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2543.3	11.0
FM - Front-Medium(30-60)	7658.8	33.1
FH - Front-High(60-80)	4095.2	17.7
FVH - Front-Very High(80-90)	224.06	1.0
<b>Total Forward Light</b>	<b>14609</b>	<b>63.2</b>

BL - Back-Low(0-30)	1989.5	8.6
BM - Back-Medium(30-60)	4377.9	18.9
BH - Back-High(60-80)	1931.6	8.3
BVH - Back-Very High(80-90)	101.43	0.4
<b>Total Back Light</b>	<b>8524.7</b>	<b>36.8</b>

UL - Uplight-Low(90-100)	18.761	0.1
UH - Uplight-High(100-180)	193.21	0.8
<b>Total Up Light</b>	<b>211.98</b>	<b>0.9</b>

<b>BUG(Back,Up,Glare) Rating</b>	<b>B3-U3-G3</b>
----------------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	8400.4	124.35	8524.7
Street Side	14521	87.625	14609

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

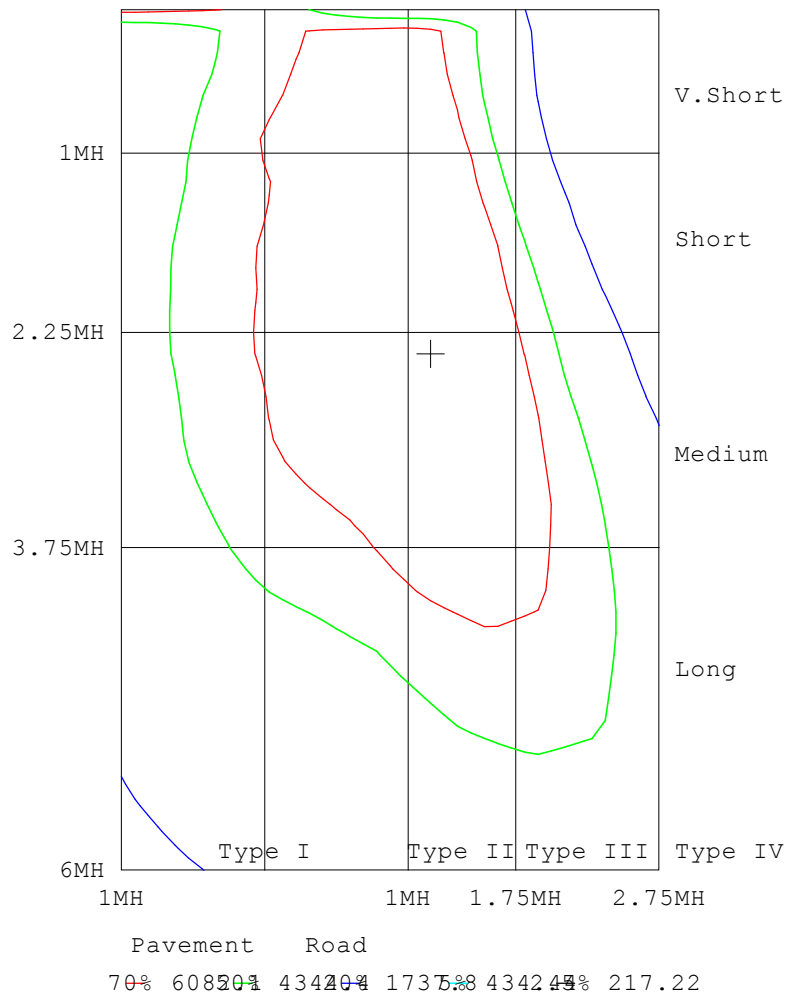
Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	5637	5618	5603	5594	5583	5574	5564	5554	5551	5540	5540	5529	5532	5521	5527	5516	5520	5510	5515
5	5630	5635	5642	5655	5663	5675	5683	5691	5704	5708	5721	5722	5734	5734	5745	5744	5751	5746	5749
10	5628	5654	5683	5715	5742	5769	5790	5809	5834	5847	5868	5876	5894	5900	5912	5915	5924	5921	5924
15	5632	5681	5732	5782	5823	5862	5893	5922	5952	5970	5992	6002	6020	6028	6039	6042	6051	6049	6054
20	5654	5726	5796	5862	5919	5966	6008	6038	6068	6087	6107	6113	6125	6129	6136	6136	6141	6139	6145
25	5695	5791	5885	5966	6037	6092	6138	6172	6203	6218	6233	6233	6238	6233	6233	6227	6226	6223	6229
30	5767	5883	6001	6102	6191	6259	6319	6359	6394	6399	6402	6385	6370	6346	6327	6307	6297	6290	6297
35	5898	6041	6186	6314	6434	6518	6586	6617	6632	6614	6590	6545	6509	6465	6431	6398	6380	6369	6379
40	6140	6339	6534	6686	6808	6869	6907	6903	6881	6833	6791	6731	6682	6625	6580	6537	6515	6502	6513
45	6155	6394	6616	6817	6964	7058	7107	7115	7110	7073	7036	6974	6913	6830	6744	6664	6605	6578	6578
50	5994	6225	6462	6706	6928	7126	7280	7359	7423	7413	7358	7227	7059	6863	6645	6467	6307	6248	6213
55	6062	6325	6585	6833	7058	7265	7468	7638	7817	7797	7563	7191	6705	6230	5708	5340	4962	4797	4737
60	6212	6531	6853	7157	7472	7781	8052	8143	8045	7661	7040	6221	5088	4181	3335	2907	2520	2418	2303
65	6239	6646	7055	7454	7915	8299	8527	8405	7798	6660	5098	3733	2530	1813	1356	1187	1071	1041	1011
70	6049	6607	7152	7759	8355	8667	8476	7484	5850	4168	2505	1519	968	788	683	638	605	601	590
75	4894	5391	5931	6993	7731	7704	6633	5003	3076	1698	879	601	475	428	380	371	352	353	342
80	2183	2323	2648	3646	4138	4209	3195	2043	944	499	299	256	219	204	188	184	179	177	172
85	243	216	265	666	843	1043	801	453	158	104	79.8	71.0	62.6	62.6	59.3	60.9	59.0	59.9	55.3
90	21.5	22.0	22.6	22.1	20.7	16.1	14.6	11.4	10.2	9.20	8.66	8.17	7.67	7.26	6.91	6.63	6.38	6.22	6.22
95	25.4	23.8	22.0	20.3	18.7	17.0	15.6	14.0	12.8	11.5	10.5	9.57	8.95	8.45	8.15	7.91	7.60	7.49	7.53
100	30.1	28.2	26.2	24.1	22.2	20.3	18.6	16.9	15.4	13.9	12.8	11.7	11.0	10.3	9.89	9.51	9.35	9.19	9.27
105	34.0	32.0	30.0	27.8	25.8	23.7	21.9	20.0	18.5	16.9	15.7	14.4	13.6	12.7	12.3	11.8	11.5	11.3	11.4
110	37.3	35.3	33.4	31.2	29.2	27.1	25.3	23.3	21.7	20.0	18.7	17.3	16.4	15.5	14.9	14.3	14.0	13.7	13.7
115	40.2	38.4	36.5	34.4	32.5	30.4	28.5	26.5	24.9	23.1	21.8	20.4	19.4	18.3	17.7	17.0	16.7	16.2	16.3
120	43.2	41.4	39.6	37.5	35.6	33.6	31.7	29.7	28.1	26.3	24.9	23.4	22.4	21.2	20.5	19.7	19.3	18.8	18.9
125	46.4	44.6	42.7	40.6	38.8	36.8	35.0	33.0	31.3	29.5	28.0	26.5	25.4	24.2	23.4	22.5	21.9	21.5	21.5
130	49.6	47.7	45.8	43.8	42.0	39.9	38.1	36.1	34.5	32.6	31.2	29.6	28.4	27.1	26.2	25.2	24.6	24.2	24.1
135	52.0	50.2	48.4	46.5	44.7	42.7	41.0	39.1	37.5	35.7	34.3	32.7	31.4	30.1	29.1	28.1	27.5	27.0	27.0
140	53.3	51.8	50.1	48.5	46.7	45.0	43.4	41.7	40.3	38.7	37.3	35.8	34.6	33.3	32.4	31.4	30.8	30.3	30.2
145	53.6	52.5	51.1	49.8	48.2	46.8	45.4	44.0	42.7	41.3	40.1	38.8	37.7	36.6	35.7	34.8	34.3	33.8	33.8
150	53.7	52.8	51.7	50.7	49.4	48.2	47.1	45.9	44.9	43.7	42.8	41.6	40.8	39.8	39.1	38.3	37.8	37.4	37.3
155	53.8	53.2	52.3	51.4	50.4	49.5	48.6	47.7	46.8	46.0	45.3	44.4	43.7	42.9	42.3	41.5	41.2	40.7	40.7
160	54.0	53.5	52.8	52.2	51.4	50.8	50.0	49.4	48.7	48.1	47.5	46.9	46.3	45.7	45.1	44.5	44.1	43.8	43.7
165	54.3	54.0	53.4	53.0	52.4	51.9	51.4	51.0	50.5	50.2	49.7	49.3	48.9	48.3	47.9	47.4	47.1	46.8	46.8
170	54.5	54.3	53.8	53.6	53.2	52.9	52.5	52.4	52.1	51.9	51.6	51.4	51.1	50.8	50.4	50.0	49.8	49.7	49.5
175	54.6	54.4	54.0	53.9	53.6	53.6	53.4	53.5	53.3	53.4	53.2	53.2	53.0	52.9	52.5	52.4	52.2	52.2	52.0
180	54.4	54.4	54.0	54.1	54.1	54.2	54.3	54.4	54.5	54.7	54.7	54.8	54.8	54.8	54.6	54.6	54.5	54.5	54.3

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	5503	5511	5503	5510	5503	5510	5503	5511	5506	5512	5506	5511	5507	5511	5507	5509	5506	5637	5618
5	5741	5745	5737	5736	5727	5725	5708	5706	5689	5681	5661	5647	5624	5608	5584	5565	5538	5647	5605
10	5920	5922	5916	5914	5903	5897	5880	5871	5848	5832	5800	5778	5741	5710	5667	5626	5579	5663	5595
15	6052	6057	6053	6054	6046	6042	6028	6018	5994	5977	5940	5909	5864	5819	5762	5703	5634	5692	5596
20	6146	6154	6156	6163	6164	6168	6162	6159	6142	6126	6092	6057	6005	5950	5876	5796	5705	5734	5609
25	6237	6252	6262	6281	6292	6311	6315	6322	6309	6299	6266	6228	6168	6103	6014	5915	5797	5791	5638
30	6310	6334	6362	6400	6434	6476	6505	6533	6535	6535	6502	6460	6385	6304	6192	6076	5930	5875	5697
35	6394	6427	6468	6521	6577	6648	6712	6773	6811	6841	6827	6804	6724	6633	6495	6359	6186	6033	5840
40	6527	6568	6611	6680	6753	6841	6920	7003	7069	7132	7164	7185	7151	7084	6946	6773	6541	6265	6014
45	6610	6663	6741	6848	6960	7081	7172	7256	7309	7352	7357	7341	7279	7161	6985	6753	6501	6236	5959
50	6284	6370	6548	6752	6997	7226	7428	7576	7638	7650	7586	7475	7283	7067	6832	6560	6299	6046	5785
55	4829	5025	5423	5817	6373	6876	7381	7764	7998	7970	7795	7617	7406	7191	6935	6689	6413	6112	5810
60	2428	2560	2975	3444	4294	5237	6379	7178	7834	8223	8313	8207	7932	7629	7267	6956	6624	6231	5861
65	1041	1075	1197	1378	1884	2662	3951	5311	6823	7941	8515	8629	8394	7981	7484	7037	6629	6151	5642
70	600	606	636	683	802	1009	1619	2730	4419	6075	7622	8567	8721	8337	7654	6944	6383	5801	5111
75	352	350	368	380	432	484	620	954	1896	3393	5260	6719	7605	7407	6486	5363	4737	4444	3940
80	174	176	181	186	203	218	255	301	518	995	2099	3115	3718	3479	2925	2023	1774	1900	1759
85	58.2	56.0	57.6	56.0	59.0	59.8	68.6	76.2	99.2	155	438	694	890	568	449	224	147	181	199
90	6.49	6.76	6.97	7.19	7.38	7.89	8.10	8.51	8.86	10.1	11.7	13.8	16.0	18.4	20.5	20.6	20.2	21.2	24.0
95	7.81	7.96	8.14	8.17	8.35	8.54	8.87	9.51	10.3	11.6	12.8	14.3	15.8	17.5	19.1	21.1	23.0	25.0	26.3
100	9.41	9.60	9.63	9.77	9.85	10.2	10.7	11.6	12.5	14.0	15.4	17.1	18.7	20.8	22.7	24.9	27.1	29.1	30.4
105	11.4	11.7	11.7	11.9	12.1	12.6	13.1	14.1	15.2	16.7	18.2	20.1	21.8	24.0	26.0	28.4	30.6	32.6	33.9
110	13.7	14.0	14.0	14.3	14.5	15.1	15.7	16.7	17.8	19.4	20.9	22.8	24.5	26.6	28.6	30.9	33.2	35.7	37.0
115	16.3	16.5	16.6	16.8	17.0	17.6	18.2	19.3	20.5	22.0	23.5	25.2	26.8	28.7	30.6	32.8	35.0	38.6	39.8
120	18.9	19.0	19.0	19.3	19.5	20.1	20.8	21.9	23.0	24.5	25.9	27.5	29.0	30.8	32.6	34.8	37.0	41.5	42.7
125	21.4	21.5	21.5	21.7	22.0	22.7	23.4	24.5	25.5	27.0	28.3	29.9	31.4	33.2	35.1	37.2	39.4	44.7	45.9
130	24.0	24.1	24.1	24.3	24.7	25.4	26.1	27.1	28.1	29.5	30.8	32.3	33.9	35.8	37.7	39.9	42.2	47.8	49.1
135	26.8	27.0	26.9	27.1	27.4	28.1	28.7	29.7	30.7	32.0	33.2	34.8	36.4	38.3	40.2	42.4	44.8	50.2	51.6
140	30.1	30.2	30.1	30.2	30.3	31.0	31.5	32.4	33.3	34.5	35.7	37.1	38.6	40.4	42.2	44.2	46.3	51.6	52.8
145	33.6	33.7	33.5	33.5	33.4	34.0	34.4	35.1	35.9	36.9	38.0	39.2	40.5	42.0	43.6	45.3	47.1	52.0	53.0
150	37.1	37.1	36.8	36.8	36.5	36.8	37.2	37.8	38.4	39.2	40.1	41.1	42.2	43.4	44.7	46.1	47.6	52.2	53.0
155	40.4	40.4	40.0	39.9	39.5	39.7	40.0	40.5	40.8	41.5	42.2	43.0	43.9	44.8	45.8	46.9	48.1	52.6	53.0
160	43.5	43.3	43.0	42.8	42.5	42.3	42.6	43.0	43.3	43.8	44.3	44.9	45.5	46.2	47.0	47.8	48.9	53.0	53.2
165	46.5	46.4	46.0	45.9	45.5	45.3	45.3	45.6	45.7	46.0	46.4	46.8	47.3	47.8	48.4	49.0	49.8	53.5	53.5
170	49.4	49.2	48.9	48.6	48.2	47.8	47.7	47.9	48.0	48.1	48.3	48.5	48.8	49.1	49.5	49.8	50.5	54.0	53.9
175	51.9	51.6	51.3	50.8	50.5	49.9	49.7	49.9	49.8	49.8	49.8	49.8	50.0	50.0	50.3	50.5	51.0	54.3	54.0
180	54.2	53.9	53.6	53.0	52.7	52.1	51.8	51.8	51.7	51.4	51.3	51.1	51.1	51.0	51.0	51.1	51.4	54.5	54.2

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

Table--3

UNIT: cd

C (DEG) □ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	5603	5594	5583	5574	5564	5554	5551	5540	5540	5529	5532	5521	5527	5516	5520	5510	5515	5503	5511
5	5566	5532	5497	5464	5432	5398	5375	5343	5326	5296	5286	5259	5256	5234	5236	5218	5224	5211	5224
10	5532	5470	5409	5347	5288	5225	5178	5120	5082	5030	5004	4958	4944	4907	4905	4879	4888	4871	4893
15	5503	5414	5320	5225	5136	5044	4967	4880	4820	4740	4700	4629	4607	4549	4545	4505	4518	4498	4530
20	5485	5364	5236	5106	4986	4861	4759	4637	4554	4444	4382	4292	4250	4181	4168	4124	4134	4116	4153
25	5483	5329	5167	5005	4850	4692	4563	4407	4297	4163	4081	3971	3916	3836	3812	3763	3772	3757	3800
30	5512	5330	5135	4940	4751	4557	4390	4203	4064	3907	3802	3676	3605	3514	3479	3425	3433	3422	3472
35	5631	5419	5185	4947	4712	4461	4248	4017	3844	3657	3532	3393	3313	3218	3179	3126	3129	3123	3176
40	5748	5473	5184	4882	4598	4286	4028	3757	3557	3357	3234	3106	3045	2969	2945	2902	2907	2899	2944
45	5677	5378	5061	4722	4397	4039	3739	3435	3221	3027	2927	2843	2830	2815	2831	2822	2826	2812	2825
50	5505	5189	4876	4526	4167	3746	3398	3067	2858	2694	2645	2629	2686	2736	2803	2823	2839	2815	2804
55	5477	5096	4682	4212	3775	3308	2989	2679	2501	2386	2384	2404	2490	2553	2640	2667	2695	2668	2660
60	5461	4993	4489	3906	3395	2882	2532	2272	2156	2052	2043	2011	2060	2007	2041	1972	2010	1969	2053
65	5128	4553	3978	3343	2839	2399	2119	1893	1707	1539	1460	1316	1187	1022	955	888	898	893	966
70	4487	3794	3181	2562	2097	1750	1493	1281	1148	982	800	595	495	453	460	449	461	450	464
75	3332	2588	1996	1499	1206	966	833	711	617	477	373	325	323	324	336	342	348	341	337
80	1433	988	749	412	284	254	300	296	268	231	216	209	217	224	236	240	245	240	237
85	187	160	111	96.8	97.7	99.4	103	104	108	104	106	103	112	122	133	128	128	128	134
90	26.2	26.1	25.1	24.4	24.0	22.5	22.7	20.9	19.6	16.8	14.9	12.5	11.3	10.2	9.84	9.05	9.29	9.66	11.1
95	27.0	27.3	27.0	26.5	25.5	24.4	23.1	21.7	19.9	18.1	16.0	14.3	12.7	11.7	11.0	10.8	10.8	11.5	12.3
100	31.1	31.4	31.1	30.5	29.6	28.6	27.4	26.0	24.3	22.5	20.5	18.8	17.3	16.3	15.6	15.5	15.6	16.3	17.1
105	34.5	34.9	34.4	33.8	32.9	32.2	31.1	30.1	28.7	27.0	25.1	23.6	22.1	21.3	20.6	20.5	20.6	21.3	22.2
110	37.5	37.7	37.2	36.5	35.6	35.0	34.2	33.5	32.4	31.2	29.7	28.3	27.1	26.3	25.7	25.6	25.8	26.5	27.3
115	40.3	40.4	39.8	39.0	38.0	37.2	36.6	36.2	35.5	34.8	33.7	32.7	31.7	31.1	30.6	30.6	30.8	31.5	32.3
120	43.1	43.2	42.5	41.8	40.7	39.9	39.1	38.7	38.1	37.7	37.0	36.5	35.8	35.4	35.2	35.2	35.4	36.0	36.8
125	46.3	46.5	46.1	45.4	44.4	43.4	42.4	41.6	40.7	40.2	39.6	39.4	39.0	39.0	39.0	39.2	39.5	40.1	40.8
130	49.7	50.1	49.7	49.2	48.2	47.2	46.0	44.9	43.6	42.9	42.2	42.0	41.8	41.9	42.1	42.5	42.8	43.6	44.2
135	52.5	53.0	52.9	52.5	51.7	50.8	49.6	48.4	47.2	46.2	45.3	44.9	44.6	44.7	44.9	45.3	45.7	46.5	47.1
140	53.9	54.6	54.9	54.7	54.1	53.4	52.4	51.5	50.5	49.7	48.9	48.4	48.0	48.0	48.0	48.4	48.7	49.3	49.9
145	53.9	54.8	55.2	55.4	55.3	54.9	54.4	53.9	53.3	52.8	52.3	52.1	51.7	51.7	51.6	51.8	51.8	52.3	52.7
150	53.7	54.5	55.1	55.5	55.8	55.8	55.8	55.6	55.5	55.3	55.2	55.1	55.0	55.1	55.1	55.0	55.0	55.1	55.3
155	53.7	54.4	54.9	55.4	55.8	56.1	56.4	56.6	56.8	56.9	57.1	57.3	57.5	57.6	57.6	57.5	57.4	57.3	57.3
160	53.7	54.3	54.7	55.2	55.6	56.0	56.3	56.8	57.2	57.6	58.1	58.3	58.7	58.7	58.9	58.8	58.6	58.4	58.2
165	53.9	54.2	54.6	55.0	55.3	55.7	56.1	56.6	57.0	57.5	57.9	58.3	58.5	58.7	58.7	58.6	58.4	58.2	57.9
170	54.1	54.2	54.5	54.9	55.1	55.4	55.6	56.1	56.5	56.9	57.2	57.5	57.7	57.8	57.7	57.6	57.4	57.1	56.7
175	54.1	54.2	54.4	54.7	54.8	55.0	55.2	55.5	55.7	56.0	56.1	56.3	56.3	56.3	56.2	56.2	56.0	55.8	55.4
180	54.1	54.1	54.1	54.2	54.3	54.4	54.5	54.7	54.7	54.8	54.8	54.8	54.7	54.6	54.6	54.5	54.4	54.2	53.9

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.42V I:1.2510A P:149.07W PF:0.9978 Freq:60.00Hz Lamp Flux:23133.7x1 lm		
NAME: SB05-150W	TYPE:150W	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:1
MFR.:	SUR.:1.187*0.289	Shielding Angle:

Table--4

UNIT: cd

C (DEG) □ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355					
0	5503	5510	5503	5510	5503	5511	5506	5512	5506	5511	5507	5511	5507	5509	5506					
5	5218	5236	5236	5259	5262	5289	5301	5326	5340	5367	5385	5411	5430	5455	5476					
10	4890	4920	4932	4972	4993	5040	5070	5121	5159	5211	5256	5309	5354	5406	5452					
15	4530	4580	4600	4664	4699	4777	4824	4908	4973	5054	5126	5208	5284	5363	5435					
20	4161	4225	4260	4346	4402	4506	4583	4699	4786	4900	5005	5118	5225	5334	5437					
25	3818	3893	3941	4045	4121	4248	4351	4498	4618	4766	4904	5050	5189	5329	5462					
30	3502	3591	3656	3777	3874	4023	4152	4330	4488	4683	4844	5023	5196	5363	5526					
35	3217	3313	3393	3528	3644	3820	3982	4201	4406	4647	4867	5091	5309	5509	5704					
40	2977	3060	3131	3258	3374	3560	3742	3994	4239	4536	4810	5105	5386	5663	5923					
45	2826	2863	2890	2980	3073	3251	3444	3723	4005	4344	4656	4984	5293	5598	5880					
50	2765	2746	2706	2720	2753	2898	3087	3395	3726	4131	4472	4811	5123	5437	5732					
55	2609	2578	2505	2471	2447	2528	2684	2967	3291	3760	4210	4670	5079	5462	5798					
60	2070	2144	2121	2119	2095	2140	2235	2502	2877	3409	3942	4510	5028	5506	5924					
65	1048	1230	1364	1500	1553	1691	1854	2084	2387	2881	3440	4095	4691	5293	5826					
70	460	512	627	830	990	1143	1278	1503	1768	2155	2672	3355	3995	4735	5404					
75	326	327	333	404	503	636	726	855	1000	1270	1606	2153	2802	3578	4208					
80	225	221	214	223	242	289	319	330	291	410	522	669	869	1168	1636	1934				
85	123	115	109	113	113	117	114	112	107	107	111	135	240	262	268					
90	12.1	13.8	15.6	18.6	20.8	23.8	24.7	26.1	25.6	27.0	26.3	27.3	27.1	26.3	22.9					
95	13.6	15.1	17.0	19.0	21.1	22.7	24.2	25.1	26.0	26.4	26.9	26.9	26.9	26.1	24.9					
100	18.5	20.0	22.0	23.9	26.0	27.7	29.0	29.8	30.5	31.0	31.4	31.5	31.4	30.6	29.1					
105	23.6	25.0	27.0	28.9	30.9	32.4	33.5	34.0	34.4	34.6	35.0	35.1	35.0	34.1	32.8					
110	28.6	30.1	32.0	33.7	35.5	36.7	37.6	38.0	38.1	38.1	38.3	38.1	37.7	36.8	35.5					
115	33.5	34.9	36.5	38.1	39.6	40.7	41.4	41.6	41.7	41.5	41.2	40.6	39.9	38.9	37.6					
120	37.9	39.1	40.6	42.0	43.4	44.4	45.1	45.2	45.2	44.6	44.0	43.1	42.3	41.1	39.7					
125	41.8	42.9	44.3	45.6	47.0	47.7	48.4	48.3	48.2	47.7	47.3	46.3	45.4	44.1	42.5					
130	45.3	46.2	47.5	48.6	49.8	50.5	51.0	51.0	51.1	50.9	50.7	50.0	49.0	47.3	45.5					
135	48.1	48.9	50.0	50.9	51.9	52.6	53.3	53.6	53.9	53.9	53.8	53.0	51.8	50.0	47.9					
140	50.7	51.3	52.2	53.0	53.9	54.6	55.2	55.6	55.8	55.8	55.4	54.7	53.4	51.6	49.4					
145	53.2	53.7	54.4	55.0	55.6	56.2	56.5	56.7	56.6	56.2	55.7	54.8	53.6	52.0	49.9					
150	55.6	55.8	56.2	56.5	56.8	57.2	57.1	56.9	56.6	56.0	55.3	54.3	53.3	52.0	50.2					
155	57.3	57.4	57.5	57.5	57.3	57.5	57.3	56.8	56.3	55.6	54.8	53.9	53.0	52.0	50.7					
160	58.1	57.9	57.9	57.6	57.2	57.1	56.8	56.2	55.7	55.0	54.3	53.5	52.8	52.0	51.1					
165	57.7	57.4	57.3	56.8	56.4	56.3	56.0	55.4	54.9	54.3	53.8	53.2	52.6	52.0	51.4					
170	56.5	56.1	55.9	55.4	55.0	54.9	54.7	54.2	53.9	53.4	53.1	52.7	52.4	51.9	51.6					
175	55.1	54.6	54.3	53.7	53.4	53.3	53.1	52.7	52.5	52.2	52.0	51.8	51.7	51.5	51.5					
180	53.6	53.1	52.7	52.2	51.8	51.8	51.7	51.5	51.4	51.2	51.1	51.1	51.1	51.2	51.4					

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-07-27

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:9.880m [K=1.0000]  
 Remarks: