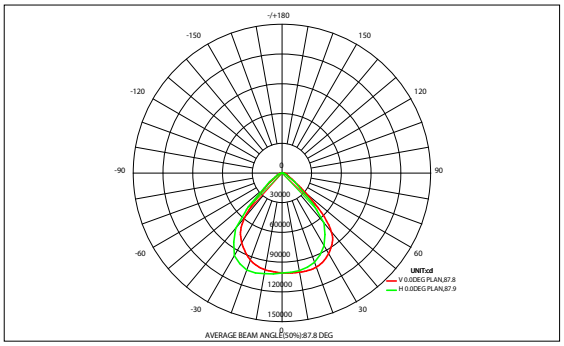
Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		556.4 cd per klm
(Luminaire orientation as tested.)		20.0 degrees vertical
		-4.0 degrees horizontal
Beam Spread	At 10% of Imax	115.6V x 109.4H
	At 50% of Imax	87.6V x 79.6H
	At 90% of Imax	53.2V x 42.6H
Beam Flux	Total	999.5 lumens per klm
	To 10% of Imax	940.8 lumens per klm.
	To 50% of Imax	778.1 lumens per klm.
	To 90% of Imax	322.6 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.11V I:5.1958A P:1219.8W PF:0.9777 Freq:50.01Hz Lamp Flux:188695x1 lm		
NAME: LOUP 1200W	TYPE:	
MFR.: BBT LIGHTING		



DATA OF LAMP		Eff: 154.69lm/W	
MODEL		Imax(cd)	104996
NOMINAL POWER(W)	1200	AVAILABILITY(%)	94.0
RATED VOLTAGE(V)	240	Avai. FLUX(lm)	177463
NOMINAL FLUX(lm)	188695	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	188695
TEST VOLTAGE(V)	240	θ@50%(H,V)	80,88DEG

AREA FLUX DIAGRAM UNIT:lm

VERTICAL(DEG)	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG) 20	30	40	50	60	70	80	90	Φ t	Φ a
90	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.09	0.00
80	1.18	5.24	13.0	24.0	37.7	53.6	67.8	75.9	80.5	80.4	75.6	67.6	54.1	38.3	24.7	13.6	720	0.00
70	1.33	7.98	21.6	42.3	68.6	100	131	150	163	163	150	130	99.7	68.3	42.4	22.1	1371	0.00
60	1.82	11.7	32.5	65.2	110	171	253	346	416	421	358	264	174	109	65.0	32.7	2844	1334
50	2.31	15.5	43.8	91.4	172	343	670	1070	1317	1317	1085	704	369	179	91.6	43.9	7533	6796
40	2.81	19.2	55.5	124	301	814	1646	2333	2652	2610	2222	1567	839	326	126	55.1	15714	15232
30	3.23	22.4	66.0	165	546	1545	2498	2927	3104	3044	2775	2299	1439	568	173	65.8	21265	20880
20	3.61	25.1	75.3	217	845	2019	2685	3038	3189	3127	2896	2461	1792	811	223	74.3	23509	23170
10	3.77	26.3	80.3	255	1027	2120	2704	3034	3115	3078	2913	2491	1887	951	256	79.4	24052	23729
0	3.73	26.4	80.9	263	1036	2076	2646	2958	3049	3018	2843	2439	1851	931	251	78.3	23578	23255
-10	3.29	24.5	74.7	227	863	1893	2525	2856	2988	2951	2732	2312	1712	781	212	72.2	22255	21914
-20	2.72	21.4	65.5	176	601	1498	2231	2592	2772	2714	2456	2056	1369	523	157	62.3	19322	18937
-30	2.13	17.1	53.5	125	330	887	1627	2096	2307	2266	2010	1526	802	290	114	51.6	14522	14051
-40	1.71	13.2	41.8	90.0	175	367	743	1195	1427	1404	1136	676	312	148	82.3	40.0	7867	7208
-50	1.32	9.50	29.9	62.6	104	152	219	296	357	352	279	196	133	94.3	58.7	28.5	2381	956
-60	0.99	6.48	19.6	40.2	64.6	91.2	110	113	112	110	104	100	83.7	59.5	36.7	17.2	1075	0.00
-70	0.70	3.87	10.5	20.7	32.9	46.6	57.5	62.4	64.9	64.1	60.6	54.8	43.2	29.8	17.9	8.15	581	0.00
-80	0.34	1.33	2.80	4.72	6.90	9.19	10.5	11.1	11.5	11.0	10.2	8.75	6.46	4.36	2.47	1.01	103	0.00
-90																		
Φt	37.0	257	767	1993	6321	14186	20824	25153	27126	26729	24104	19351	12966	5912	1933	746	252	36.6	188695	---
Φa	0.00	0.00	1.62	928	5496	13441	20115	24500	26464	26085	23487	18715	12245	5117	870	0.00	0.00	0.00	---	177463

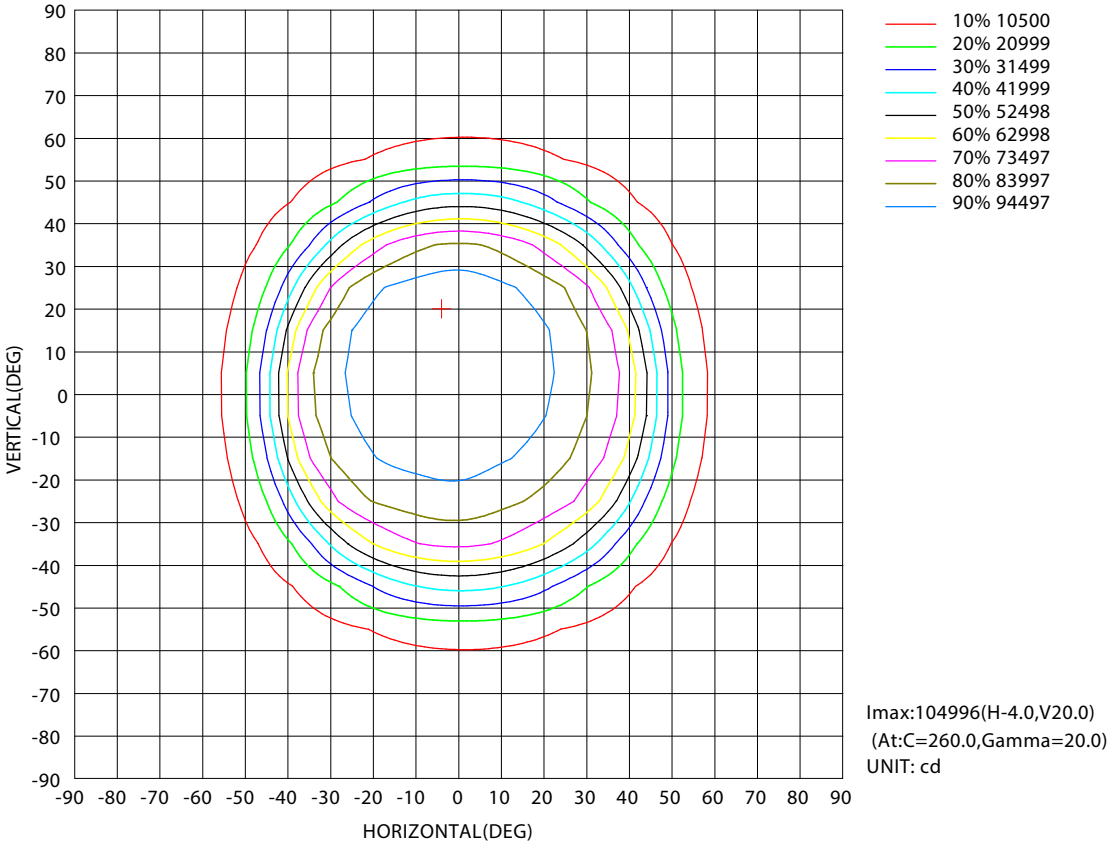
one-half-peak spread: U:63.5,D:24.3 , L:38.0,R:41.9 NEMA Beam Type: Type 6

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3
Operators: C
Test Date: 05 March 2026

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 9.688m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:240.11V I:5.1958A P:1219.8W PF:0.9777 Freq:50.01Hz Lamp Flux:188695x1 lm		
NAME: LOUP 1200W	TYPE:	
MFR.: BBT LIGHTING		

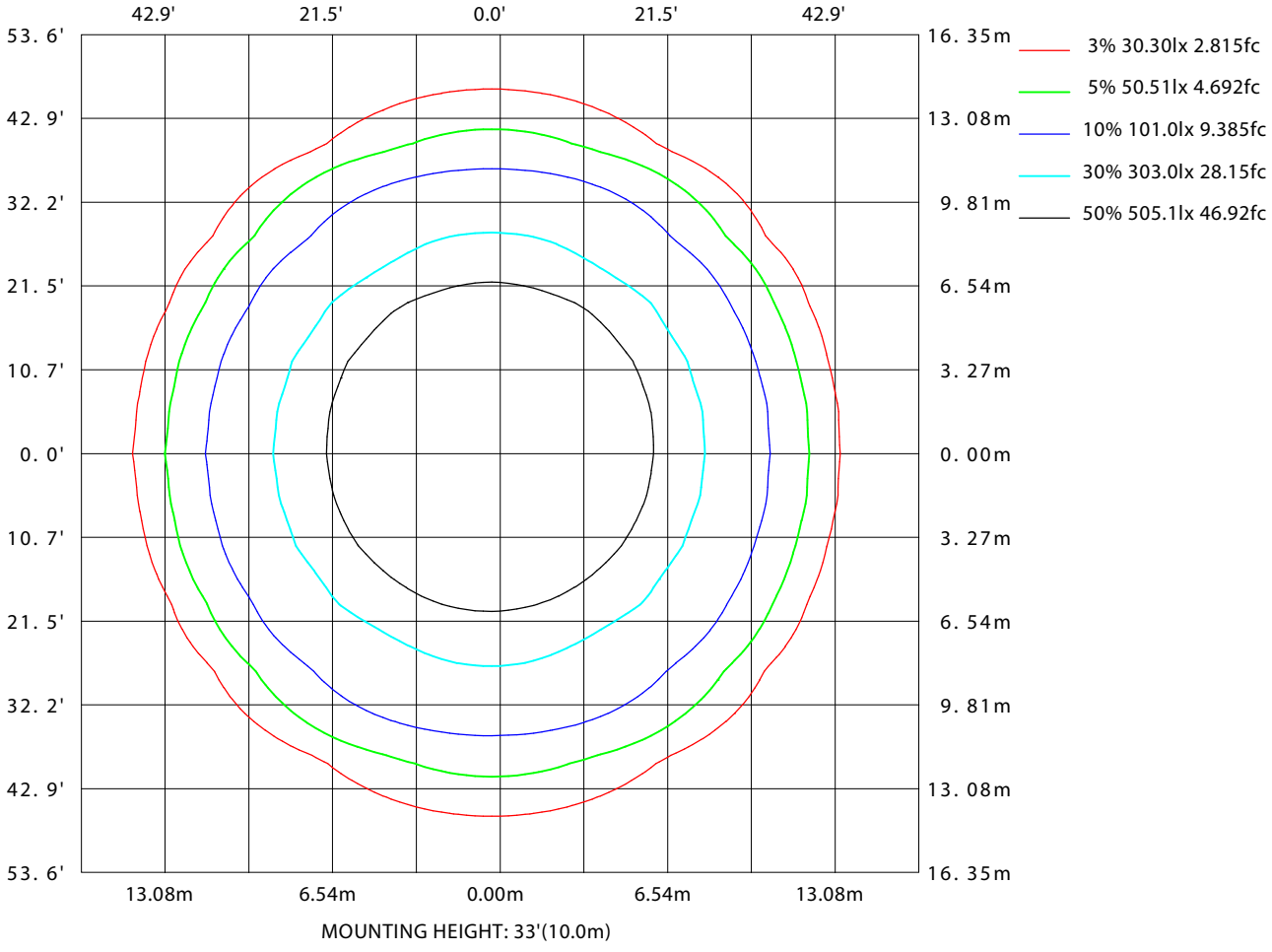


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3
Operators: C
Test Date: 05 March 2026

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 9.688m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

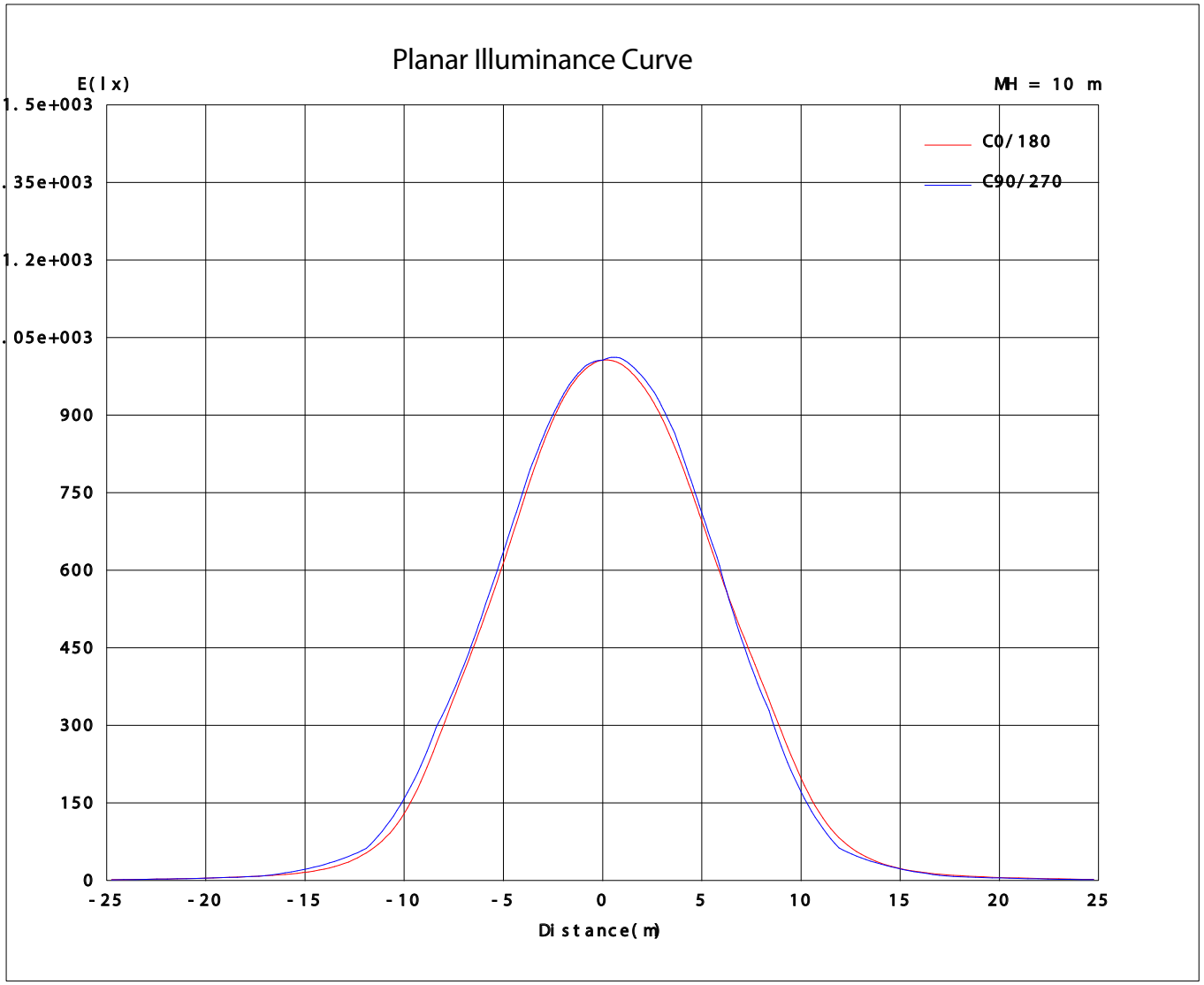
Test:U:240.11V I:5.1958A P:1219.8W PF:0.9777 Freq:50.01Hz Lamp Flux:188695x1 lm		
NAME: LOUP 1200W	TYPE:	
MFR.: BBT LIGHTING		



H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3
Operators: C
Test Date: 05 March 2026

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 9.688m [K=1.0000]
Remarks:

Planar Illuminance Curve

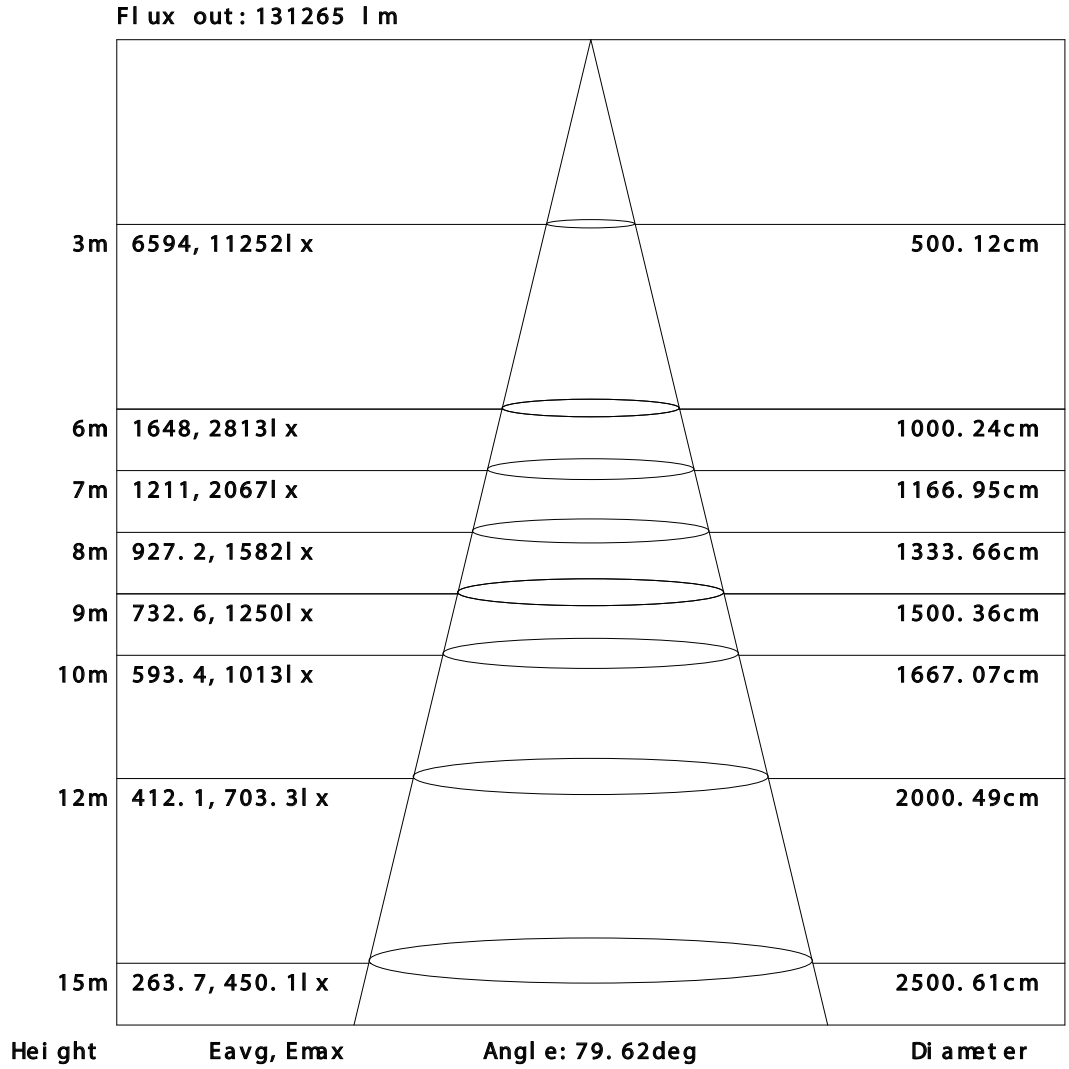


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3
Operators: C
Test Date: 05 March 2026

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 9.688m [K=1.0000]
Remarks:

AAI Figure

Test:U:240.11V I:5.1958A P:1219.8W PF:0.9777 Freq:50.01Hz Lamp Flux:188695x1 lm		
NAME: LOUP 1200W	TYPE:	
MFR.: BBT LIGHTING		



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3
Operators: C
Test Date: 05 March 2026

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 9.688m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.11V I:5.1958A P:1219.8W PF:0.9777 Freq:50.01Hz Lamp Flux:188695x1 lm		
NAME: LOUP 1200W	TYPE:	
MFR.: BBT LIGHTING		

Tabl e- - 1 UNI T: X100cd

H(DEG) / V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	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
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	1.60	2.14	3.03	3.61	4.37	5.33	6.37	7.35	8.29	9.22	10.2	11.1	11.8	12.2	12.4	12.6	12.7	12.8	12.8
-75	1.74	1.92	3.00	4.27	5.60	7.35	9.33	11.3	13.1	14.9	16.6	18.5	20.3	21.6	22.2	22.5	22.9	23.2	23.4
-70	1.90	2.80	4.57	6.42	8.85	11.7	14.7	17.4	20.1	22.6	25.3	28.1	30.4	31.7	32.4	33.0	33.5	33.9	34.0
-65	2.05	2.40	4.26	6.72	9.73	13.5	17.5	21.6	25.3	29.0	32.7	36.7	40.9	44.4	46.7	48.5	50.3	51.7	52.6
-60	2.38	3.95	6.84	10.4	15.0	20.1	25.3	30.3	35.0	39.8	44.8	50.3	55.9	60.1	63.3	66.3	69.0	70.8	71.0
-55	2.42	3.06	5.82	9.72	14.8	20.8	27.0	33.5	40.0	46.8	54.6	64.2	76.9	92.3	109	125	139	149	154
-50	2.87	5.14	9.25	14.8	21.7	29.0	36.5	44.5	52.9	62.7	75.4	92.6	116	144	174	201	222	234	236
-45	2.87	3.86	7.59	13.3	20.7	28.9	37.5	46.9	58.2	73.5	97.7	135	186	249	316	375	416	441	450
-40	3.47	6.54	12.3	20.4	29.5	39.0	49.5	62.3	80.4	110	162	236	329	434	532	603	644	661	660
-35	3.45	4.74	9.62	17.5	27.0	37.1	48.2	62.1	83.6	124	194	301	430	546	631	691	730	752	757
-30	4.16	7.99	15.8	25.9	36.6	48.2	62.5	84.8	129	214	345	521	677	767	808	831	846	852	846
-25	4.13	5.75	12.3	22.2	33.1	44.8	58.8	79.8	123	212	359	541	696	792	845	872	892	906	909
-20	4.99	10.1	20.3	31.5	43.4	57.3	77.5	118	210	372	590	762	843	889	918	938	956	967	960
-15	4.82	6.81	15.2	26.0	37.8	50.9	67.8	97.5	169	311	530	729	839	898	939	964	975	983	985
-10	5.68	12.5	22.8	34.3	47.4	63.3	88.5	147	278	502	728	847	911	961	994	1005	1004	1004	999
-5	5.36	7.98	17.1	28.0	40.4	54.6	73.7	110	202	381	632	809	890	946	987	1008	1011	1009	1006
0	6.28	13.8	24.1	36.1	49.8	66.9	95.2	164	315	562	778	879	940	985	1010	1018	1015	1012	1007
5	5.57	8.53	17.4	28.3	40.7	55.0	74.2	111	203	383	638	818	903	962	1004	1026	1029	1026	1023
10	6.19	13.3	23.3	34.9	48.1	64.2	89.6	148	281	510	745	871	941	994	1030	1042	1039	1037	1031
15	5.42	8.17	16.7	26.9	38.6	51.9	69.2	99.3	171	315	543	753	875	945	994	1022	1033	1040	1043
20	5.83	12.6	21.9	32.6	44.6	58.9	79.5	120	213	381	613	801	900	959	997	1018	1035	1049	1042
25	5.06	7.43	15.1	24.4	34.7	46.4	60.7	82.4	126	216	370	565	737	852	922	961	984	1003	1009
30	5.23	10.9	19.1	28.3	38.5	50.2	65.1	88.0	133	220	359	550	724	839	900	933	957	969	963
35	4.68	6.50	13.1	20.9	29.6	39.3	50.5	64.8	87.0	128	200	312	451	581	684	760	811	842	852
40	4.76	9.46	16.3	23.8	32.1	41.4	52.0	65.3	84.0	114	165	241	339	454	567	654	707	732	732
45	4.33	5.57	10.8	17.1	24.0	31.5	39.8	49.4	61.2	76.9	101	139	191	256	329	396	445	476	487
50	4.26	7.58	12.8	18.5	24.7	31.5	38.8	47.0	55.9	66.2	79.1	95.9	118	145	175	202	224	237	239
55	3.99	4.63	8.41	13.1	18.1	23.5	29.3	35.7	42.4	49.6	57.9	67.8	80.3	95.2	111	127	142	152	157
60	3.85	5.89	9.51	13.6	17.9	22.4	27.4	32.4	37.4	42.7	48.1	54.1	59.9	64.4	67.6	70.7	73.2	75.0	75.1
65	3.66	3.88	6.12	9.14	12.4	15.9	19.6	23.5	27.3	31.3	35.4	39.7	44.2	48.0	50.5	52.4	54.2	55.6	56.4
70	3.50	4.20	6.27	8.60	11.1	13.8	16.5	19.2	22.0	24.8	27.7	30.8	33.4	34.9	35.6	36.3	36.9	37.3	37.4
75	3.40	3.42	4.18	5.59	7.24	9.00	10.8	12.7	14.5	16.4	18.3	20.4	22.3	23.8	24.5	25.0	25.4	25.8	26.0
80	3.30	3.31	3.69	4.52	5.44	6.40	7.37	8.35	9.34	10.3	11.4	12.4	13.2	13.7	14.0	14.2	14.4	14.5	14.5
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3
Operators: C
Test Date: 05 March 2026

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 9.688m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.11V I:5.1958A P:1219.8W PF:0.9777 Freq:50.01Hz Lamp Flux:188695x1 lm		
NAME: LOUP 1200W	TYPE:	
MFR.: BBT LIGHTING		

Tabl e- - 2 UNI T: X100cd

H(DEG) / V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-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
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	12.6	12.3	12.1	11.8	11.4	10.7	9.70	8.68	7.69	6.68	5.64	4.55	3.43	2.47	1.69	1.21	0.97	0.91
-75	23.3	22.9	22.4	21.9	21.4	20.4	18.7	16.8	15.0	13.2	11.3	9.37	7.35	5.31	3.57	2.24	1.40	1.09
-70	33.5	32.9	32.1	31.4	30.4	28.3	25.5	22.7	20.1	17.4	14.7	11.8	8.77	5.98	3.74	2.16	1.33	1.22
-65	52.2	50.8	49.0	47.0	45.0	42.0	38.0	33.8	29.9	26.2	22.6	18.8	14.8	10.8	7.02	4.21	2.33	1.55
-60	69.4	66.7	63.5	60.2	56.3	51.0	45.3	40.1	35.2	30.6	26.0	21.0	15.9	10.9	6.68	3.81	2.04	1.75
-55	152	145	133	118	101	84.7	70.0	58.5	49.6	42.4	36.0	29.8	23.9	17.8	11.9	6.86	3.72	2.22
-50	227	209	184	155	126	100	80.2	65.9	55.1	46.4	38.6	31.5	24.6	17.5	10.6	5.77	3.04	2.45
-45	444	424	389	339	276	213	159	115	83.9	64.4	51.5	41.6	33.3	25.5	17.7	10.3	5.30	3.05
-40	639	600	537	449	349	259	183	124	87.1	66.0	52.0	41.5	32.6	24.1	15.6	7.98	4.12	3.26
-35	747	721	683	629	556	466	355	244	159	103	71.5	54.3	42.5	32.8	23.7	14.6	7.09	3.97
-30	827	800	768	725	660	543	390	255	157	97.2	68.4	52.2	40.5	30.5	21.0	11.2	5.35	4.09
-25	896	871	842	807	760	689	580	430	276	164	98.1	67.7	51.2	39.2	28.8	18.9	9.40	4.89
-20	937	908	876	835	783	715	598	414	250	141	86.1	61.8	47.0	35.2	24.6	14.7	6.47	4.90
-15	974	955	933	899	851	792	716	590	401	234	130	80.6	58.7	44.5	32.5	21.9	11.9	5.73
-10	988	977	953	908	852	785	700	546	338	188	104	70.2	52.5	39.1	27.4	17.0	7.95	5.59
-5	1000	991	977	948	900	840	769	669	481	280	152	89.1	63.4	47.7	34.8	23.5	13.5	6.39
0	1000	991	971	934	879	813	732	588	368	204	111	73.1	54.3	40.3	28.3	17.7	8.90	6.03
5	1016	1008	996	967	917	856	784	679	486	282	152	89.6	63.8	48.0	35.1	23.8	13.8	6.69
10	1021	1013	991	944	884	815	726	561	343	189	105	71.2	53.3	39.8	28.0	17.6	8.95	6.11
15	1030	1011	992	957	904	839	754	614	411	238	132	82.2	60.0	45.5	33.4	22.7	13.3	6.53
20	1016	988	956	910	848	769	632	430	255	144	88.3	63.5	48.3	36.3	25.7	16.2	8.25	5.83
25	994	966	935	895	837	749	621	450	284	168	101	69.9	53.1	40.7	30.1	20.5	12.0	6.03
30	940	908	870	816	729	586	411	262	161	101	71.2	54.5	42.4	32.1	22.8	14.4	7.39	5.39
35	841	810	763	697	610	501	374	252	163	106	74.5	56.8	44.6	34.7	25.8	17.7	10.4	5.41
40	708	660	582	478	366	266	186	127	90.3	69.1	54.7	43.8	34.6	26.3	18.9	12.0	6.26	4.87
45	481	458	417	358	289	220	163	118	87.0	67.5	54.3	44.1	35.5	27.8	20.9	14.5	8.64	4.81
50	230	211	185	156	127	102	83.5	69.2	58.2	49.3	41.2	33.8	27.0	20.8	15.1	9.70	5.28	4.43
55	156	148	135	120	103	87.5	73.3	61.9	52.8	45.3	38.6	32.3	26.5	21.0	15.9	11.1	6.86	4.31
60	73.5	70.8	67.6	64.3	60.3	54.8	48.9	43.3	38.1	33.2	28.5	23.7	19.2	15.0	11.0	7.28	4.35	4.03
65	55.9	54.6	52.7	50.7	48.6	45.6	41.4	36.9	32.8	28.9	25.2	21.5	17.8	14.3	11.0	7.92	5.16	3.89
70	36.9	36.2	35.5	34.7	33.6	31.4	28.5	25.5	22.7	20.0	17.4	14.8	12.2	9.64	7.29	5.13	3.75	3.71
75	25.9	25.5	25.0	24.5	23.9	22.9	21.2	19.2	17.3	15.4	13.6	11.8	10.0	8.30	6.62	5.09	3.90	3.57
80	14.4	14.2	13.9	13.6	13.3	12.5	11.6	10.6	9.58	8.62	7.68	6.74	5.82	4.91	4.05	3.49	3.43	3.44
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3
Operators: C
Test Date: 05 March 2026

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 9.688m [K=1.0000]
Remarks:

50% Beam Angle : 80°-H X 88°-V

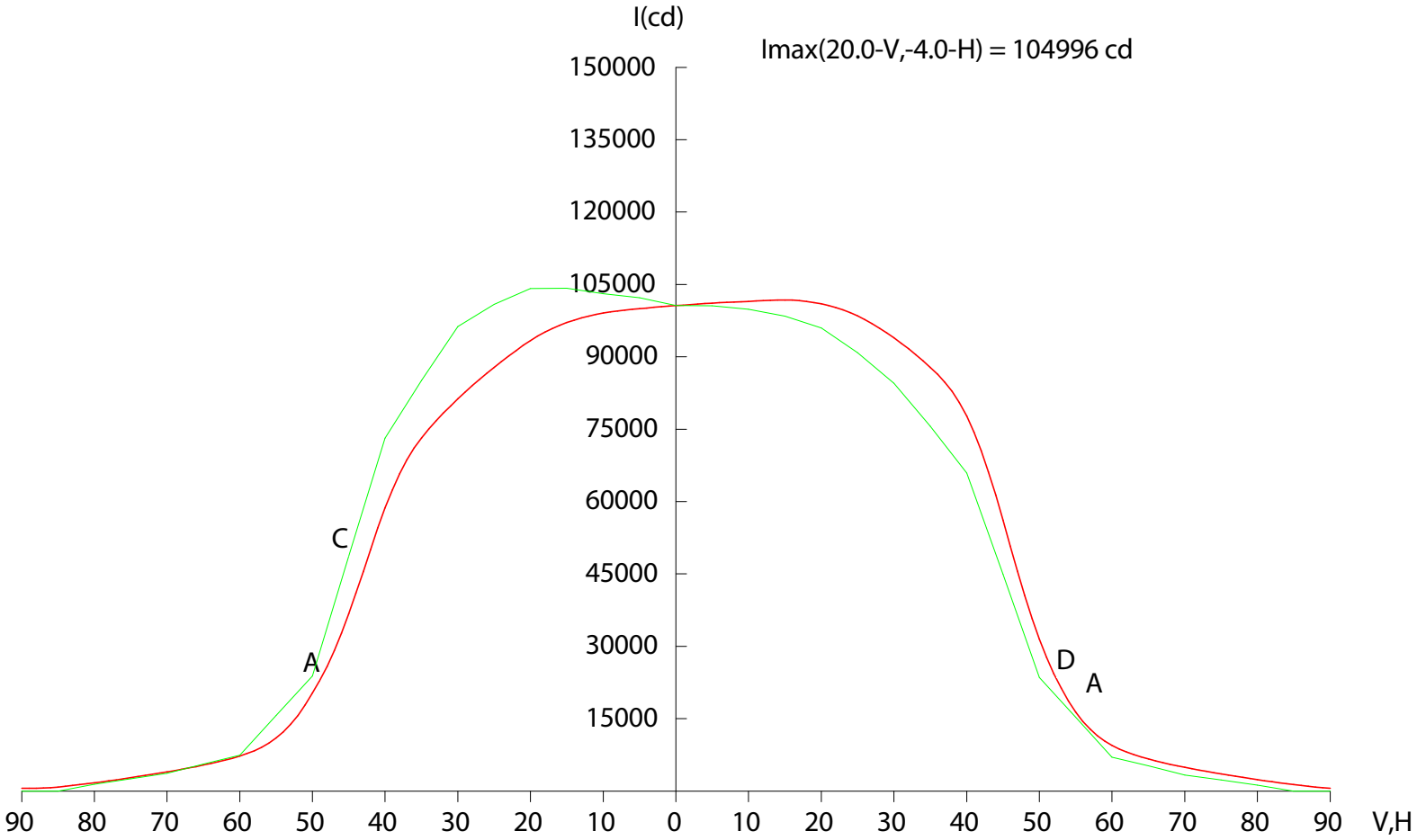
one-half-peak spread: U:63.5,D:24.3 , L:38.0,R:41.9

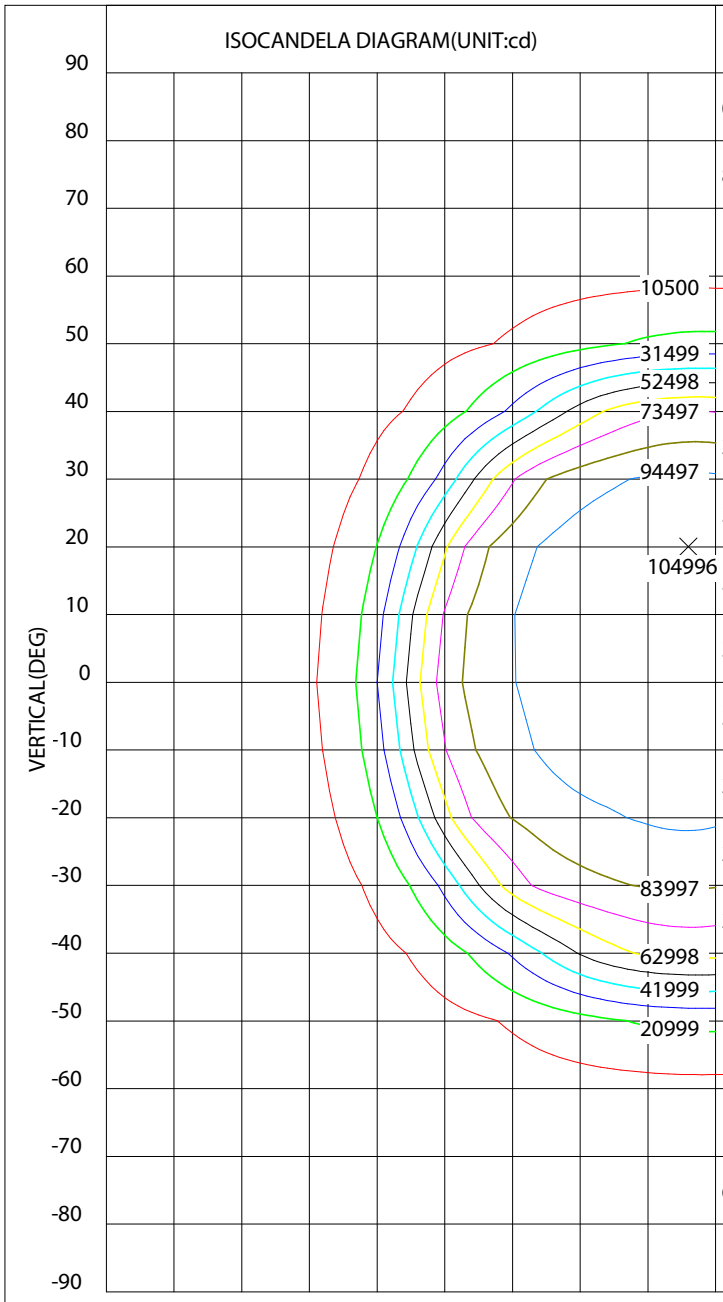
TOTAL FLUX : 188695 lm

LOR : 100.0%

AVAILABILITY FLUX : 177463 lm

AVAILABILITY : 94.0%





AREA FLUX DIAGRAM(UNIT:lm)										Φ	Φi
0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.00
80.4	75.6	67.6	54.1	38.3	24.7	13.6	5.67	1.31	720	0.00
163	150	130	99.7	68.3	42.4	22.1	8.36	1.48	1371	0.00
421	358	264	174	109	65.0	32.7	12.0	1.96	2844	1334
1317	1085	704	369	179	91.6	43.9	15.7	2.46	7533	6796
2610	2222	1567	839	326	126	55.1	19.3	2.94	15714	15232
3044	2775	2299	1439	568	173	65.8	22.6	3.40	21265	20880
3127	2896	2461	1792	811	223	74.3	25.0	3.73	23509	23170
3078	2913	2491	1887	951	256	79.4	26.4	3.89	24052	23729
3018	2843	2439	1851	931	251	78.3	25.9	3.78	23578	23255
2951	2732	2312	1712	781	212	72.2	24.2	3.41	22255	21914
2714	2456	2056	1369	523	157	62.3	21.2	2.72	19322	18937
2266	2010	1526	802	290	114	51.6	17.3	2.00	14522	14051
1404	1136	676	312	148	82.3	40.0	12.6	1.44	7867	7208
352	279	196	133	94.3	58.7	28.5	8.35	1.01	2381	956
110	104	100	83.7	59.5	36.7	17.2	4.82	0.62	1075	0.00
64.1	60.6	54.8	43.2	29.8	17.9	8.15	2.35	0.35	581	0.00
11.0	10.2	8.75	6.46	4.36	2.47	1.01	0.32	0.10	103	0.00

Φ	37.0	257	767	1993	6321	14186	20824	25153	27126	26729	24104	19351	12966	5912	1933	746	252	36.6	188695	---
Φi	0	0	1.62	928	5496	13441	20115	24500	26464	26085	23487	18715	12245	5117	870	0	0	0	---	177463