

Floodlight Summary:

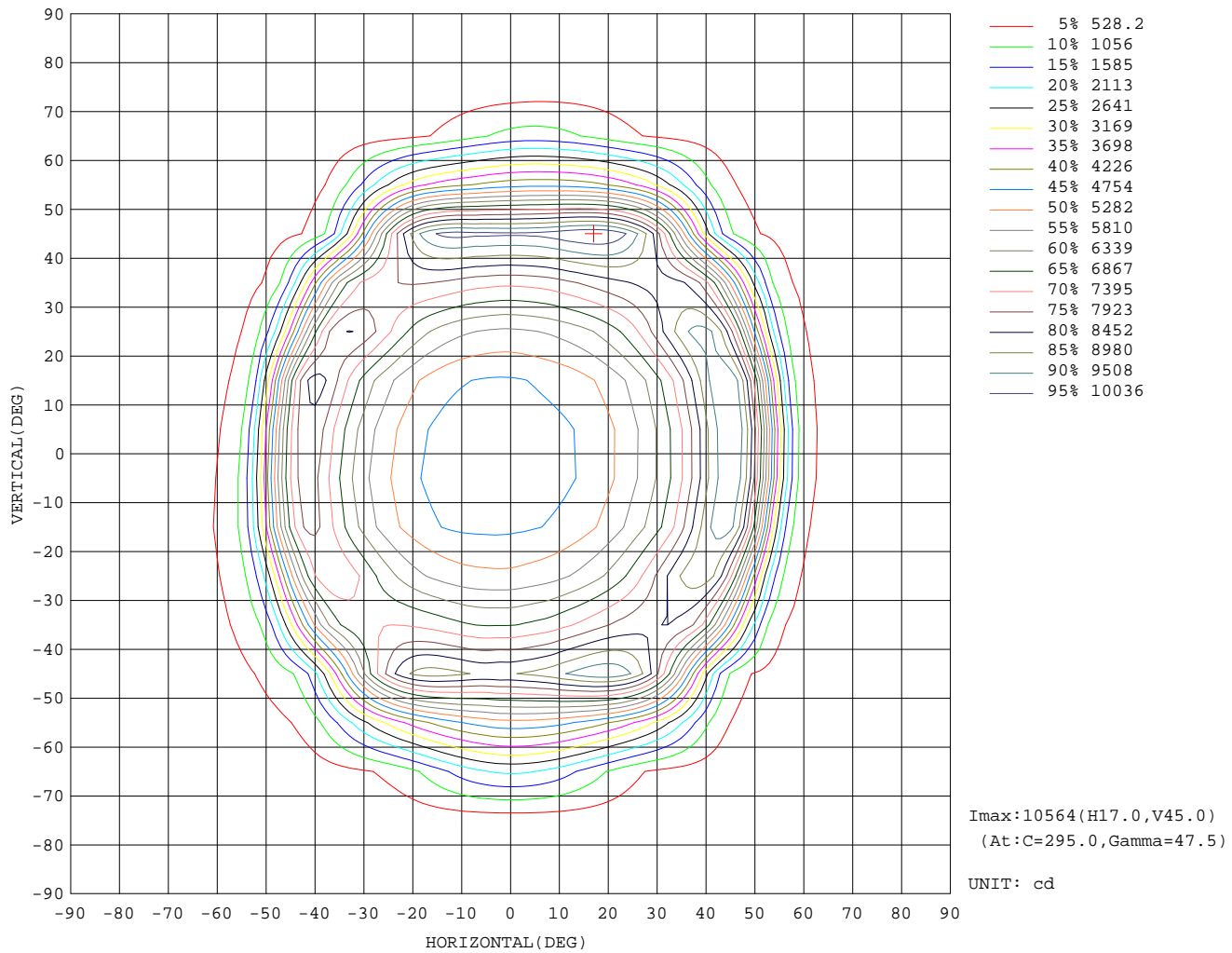
Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		524.2 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	128.5V x 83.6H 107.0V x 63.9H 93.4V x 44.6H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	997.3 lumens per klm. 963.6 lumens per klm. 738.9 lumens per klm. 64.8 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.7 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:YangWenPeng
Test Date:2019-05-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.380m [K=1.0000]
Remarks:

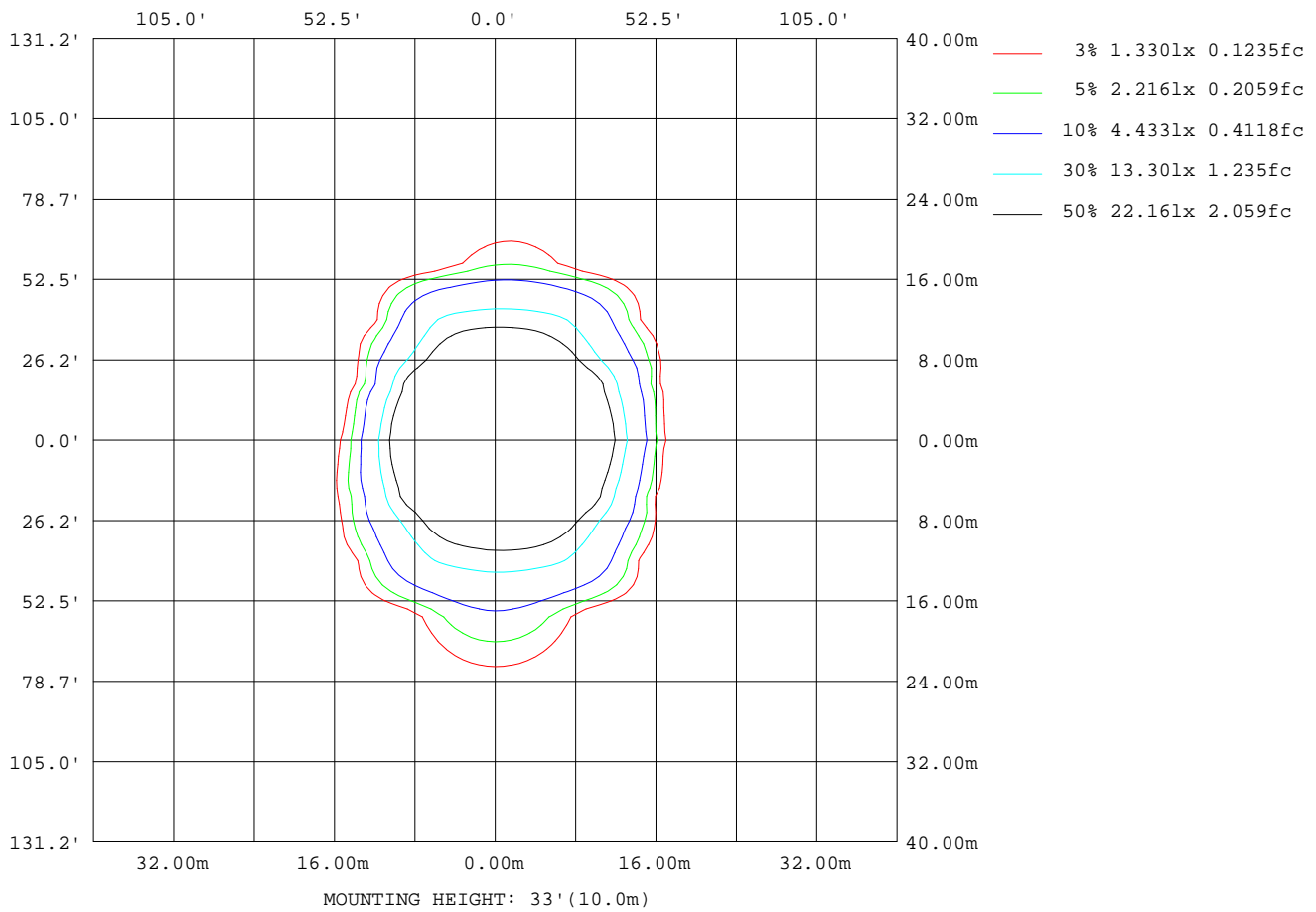
ISOCANDELA DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:YangWenPeng
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V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
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 Remarks:

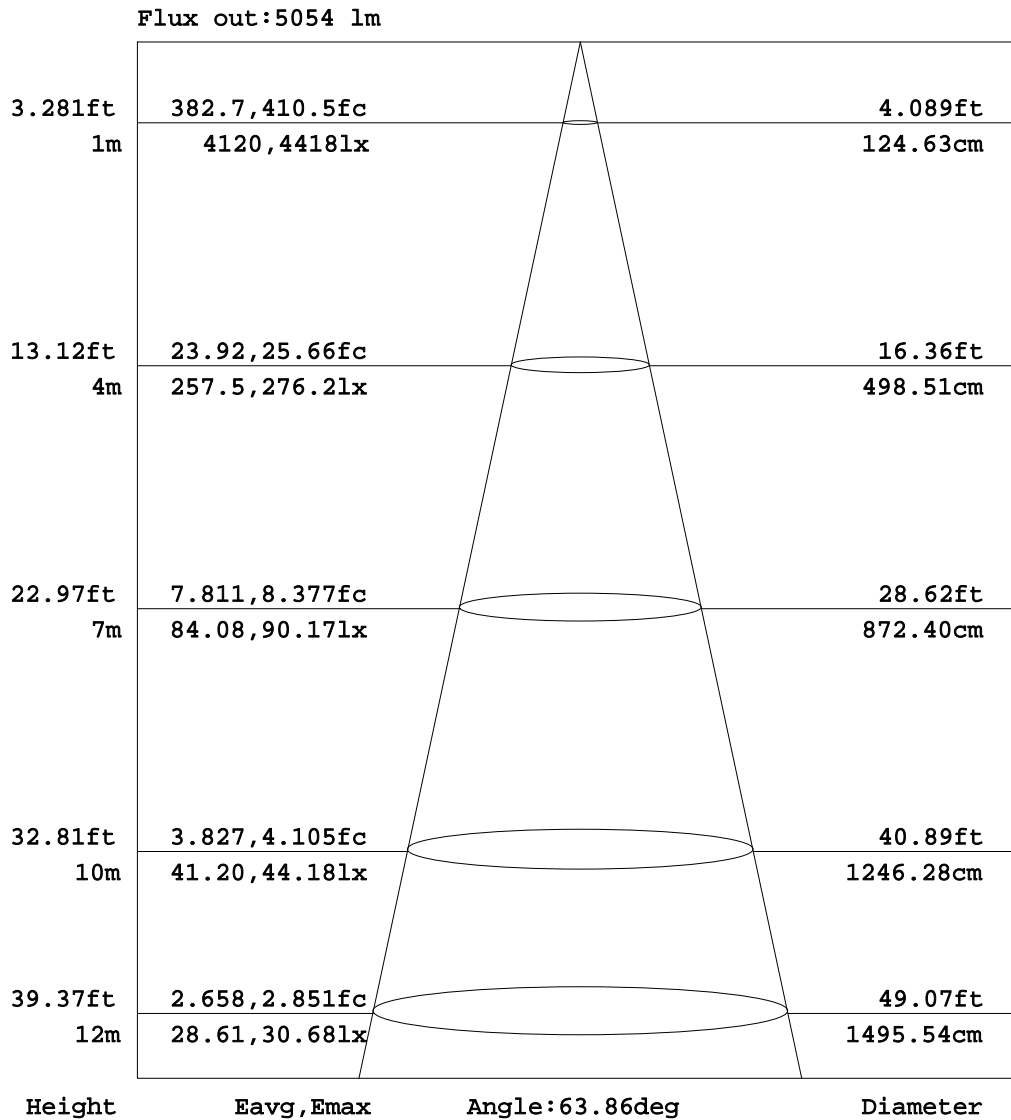
ISOLUX DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:YangWenPeng
 Test Date:2019-05-16

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
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 Remarks:

AAI Figure

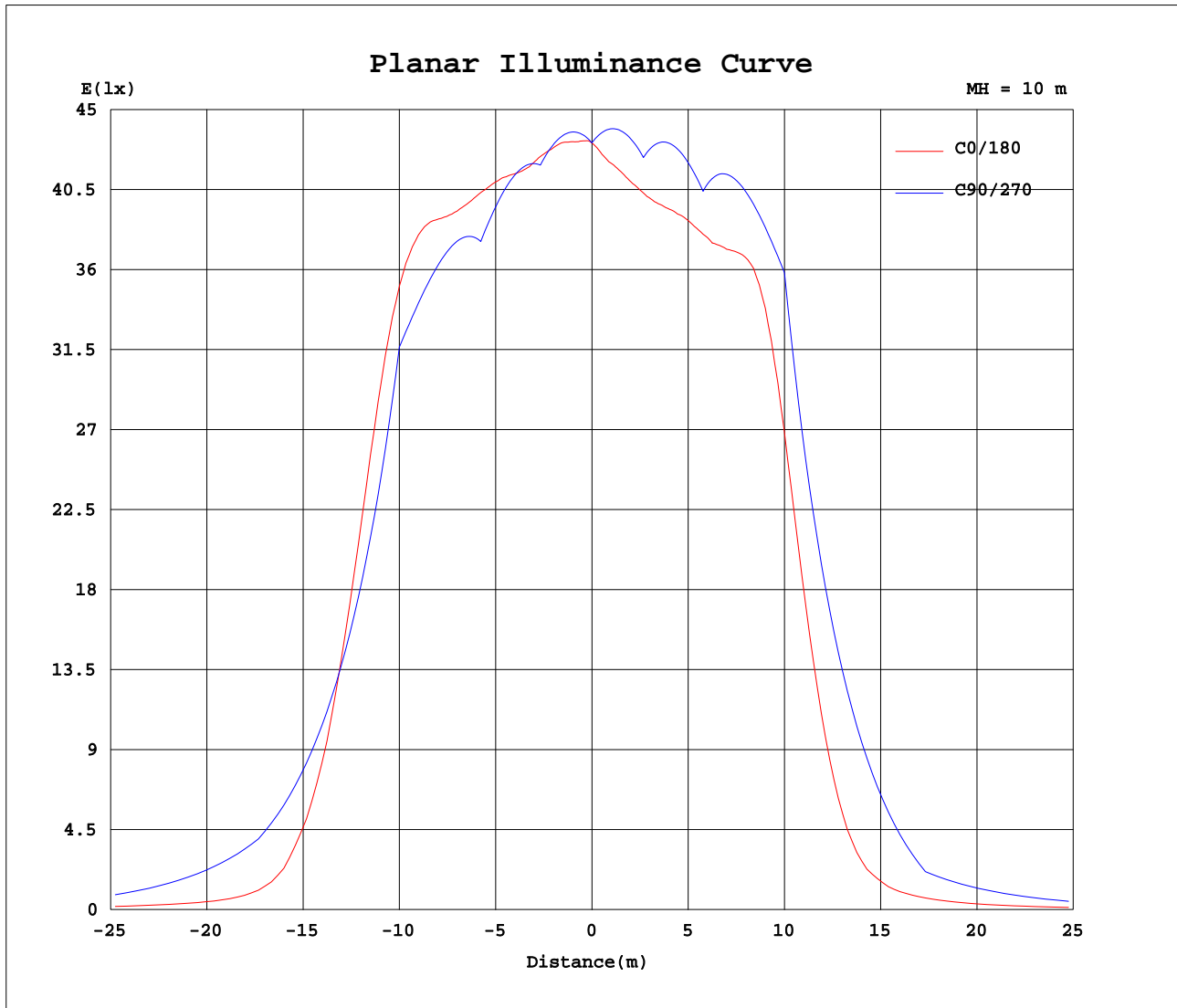


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
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 Remarks:

Planar Illuminance Curve



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V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: ×10cd

H(β) V(β)	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	0.06	0.15	1.73	3.22	5.10	6.64	7.77	8.99	10.4	11.8	13.2	14.5	16.0	18.4	20.6	21.8	22.6	23.1	23.2
-70	0.06	0.29	2.15	4.17	6.82	8.85	10.7	12.7	14.8	17.5	21.0	25.8	31.8	41.2	57.6	79.9	101	116	122
-65	0.07	0.43	2.57	5.12	8.54	11.1	13.7	16.4	19.3	23.2	28.8	37.1	47.7	64.1	94.7	138	180	209	220
-60	0.07	0.57	3.00	6.07	10.3	13.3	16.6	20.1	23.8	28.9	36.7	48.4	63.5	86.9	132	196	259	303	318
-55	0.06	0.75	3.46	7.20	11.9	15.9	20.8	27.5	37.2	52.2	90.4	167	253	328	390	438	474	498	511
-50	0.06	0.93	3.92	8.32	13.5	18.4	24.9	34.9	50.6	75.4	144	285	441	569	647	680	690	694	703
-45	0.06	1.11	4.39	9.44	15.2	21.0	29.1	42.2	64.0	98.7	198	403	630	810	905	922	905	890	895
-40	0.06	1.27	4.85	10.4	16.5	23.5	34.6	54.7	96.7	204	366	543	680	774	819	819	800	787	789
-35	0.06	1.43	5.32	11.3	17.9	25.9	40.2	67.2	129	308	534	683	731	739	733	716	695	683	684
-30	0.06	1.59	5.78	12.2	19.3	28.4	45.7	79.7	162	413	703	823	781	704	648	613	590	580	579
-25	0.06	1.71	6.21	12.7	20.1	30.1	49.8	93.1	231	509	737	786	726	653	601	568	548	541	541
-20	0.07	1.82	6.65	13.2	21.0	31.7	54.0	107	300	604	770	748	671	603	554	524	507	502	503
-15	0.07	1.94	7.08	13.8	21.8	33.4	58.1	120	369	700	804	711	617	553	507	479	466	463	465
-10	0.07	1.94	7.03	13.6	21.7	32.9	56.3	120	384	719	804	699	606	543	497	468	454	451	454
-5	0.07	1.94	6.98	13.4	21.5	32.4	54.6	121	400	739	803	687	596	534	487	458	443	438	442
0	0.07	1.94	6.93	13.3	21.4	32.0	52.9	121	416	759	803	676	585	524	477	447	432	426	431
5	0.07	1.79	6.75	12.9	20.8	30.7	49.1	106	373	729	824	711	613	548	498	465	448	440	444
10	0.07	1.63	6.57	12.6	20.2	29.3	45.3	91.3	331	699	846	747	642	571	519	484	464	455	457
15	0.07	1.47	6.39	12.2	19.6	28.0	41.5	76.5	288	669	867	782	670	595	540	502	480	470	469
20	0.07	1.18	5.94	11.4	18.4	26.1	37.6	64.9	216	526	772	808	749	672	606	562	536	523	520
25	0.07	0.90	5.49	10.6	17.2	24.2	33.7	53.2	145	383	677	834	828	749	673	622	591	576	571
30	0.07	0.61	5.04	9.86	16.0	22.3	29.9	41.6	73.4	240	582	861	907	826	739	681	647	629	622
35	0.07	0.58	4.61	9.09	14.7	20.4	27.1	36.5	59.9	175	413	641	751	785	797	790	772	759	753
40	0.07	0.55	4.17	8.33	13.3	18.5	24.2	31.4	46.3	109	244	421	595	745	855	898	897	888	883
45	0.07	0.52	3.74	7.57	12.0	16.6	21.4	26.3	32.8	43.9	74.4	201	438	704	913	1006	1023	1017	1013
50	0.07	0.47	3.00	6.41	10.3	14.2	18.2	22.5	27.7	36.0	57.6	144	304	484	627	697	719	727	733
55	0.07	0.43	2.26	5.25	8.57	11.9	15.1	18.6	22.5	28.1	40.7	86.1	170	264	341	387	415	436	452
60	0.07	0.38	1.51	4.10	6.84	9.56	11.9	14.7	17.3	20.3	23.8	28.7	35.8	43.7	55.8	77.7	111	146	171
65	0.07	0.32	1.24	3.06	5.09	7.39	9.39	11.8	14.0	16.4	19.1	22.6	27.8	34.1	42.9	57.9	80.0	103	121
70	0.06	0.25	0.96	2.03	3.35	5.23	6.92	8.86	10.7	12.5	14.3	16.5	19.9	24.4	29.9	38.1	49.4	61.0	70.1
75	0.06	0.18	0.68	0.99	1.60	3.06	4.44	5.96	7.39	8.68	9.51	10.4	12.0	14.8	17.0	18.4	18.8	18.8	19.5
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
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

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V(β) Range:-75 - 75DEG
 V(β) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.380m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: ×10cd

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-75	23.3	23.2	22.8	22.2	21.3	19.0	16.5	15.4	14.3	12.6	10.6	8.54	6.28	4.29	2.66	1.14	0.84	0.75	
-70	117	104	83.8	62.0	43.3	31.5	25.4	21.5	18.7	16.3	14.0	11.8	9.19	6.82	4.45	2.03	0.89	0.65	
-65	211	185	145	102	65.3	44.1	34.2	27.6	23.2	20.0	17.5	15.0	12.1	9.35	6.24	2.92	0.95	0.55	
-60	305	265	206	142	87.3	56.7	43.1	33.7	27.7	23.8	20.9	18.2	15.0	11.9	8.03	3.82	1.00	0.45	
-55	507	491	463	425	373	304	214	116	52.6	32.4	26.1	21.9	18.0	14.1	9.63	4.67	1.40	0.40	
-50	709	716	719	709	658	552	385	198	77.6	41.0	31.2	25.6	21.0	16.3	11.2	5.52	1.79	0.34	
-45	911	942	976	992	944	800	557	281	102	49.6	36.4	29.4	23.9	18.5	12.8	6.37	2.19	0.29	
-40	805	832	866	891	883	821	694	497	284	125	50.1	33.8	26.6	20.4	14.3	7.15	2.64	0.27	
-35	698	722	755	791	821	843	830	713	465	201	63.8	38.2	29.2	22.3	15.7	7.93	3.08	0.25	
-30	592	611	644	690	760	864	967	930	646	277	77.5	42.6	31.8	24.2	17.2	8.71	3.52	0.23	
-25	552	570	600	643	708	800	904	929	753	407	128	49.3	34.0	25.5	18.2	9.38	3.90	0.24	
-20	512	528	555	596	655	736	841	928	859	536	180	56.0	36.3	26.9	19.2	10.1	4.28	0.25	
-15	472	486	510	549	603	672	778	926	966	666	231	62.7	38.5	28.2	20.2	10.7	4.66	0.25	
-10	460	474	497	533	586	655	757	904	975	724	280	71.1	40.3	29.1	21.0	11.4	5.05	0.28	
-5	449	462	484	517	569	638	736	883	983	781	329	79.5	42.1	30.1	21.8	12.1	5.44	0.31	
0	437	450	470	501	553	621	715	861	992	839	378	87.9	43.9	31.1	22.6	12.8	5.84	0.33	
5	451	465	485	517	568	638	738	885	991	799	345	82.1	43.1	30.9	22.5	12.8	5.94	0.45	
10	465	479	500	533	583	655	760	909	990	760	311	76.2	42.3	30.7	22.4	12.8	6.04	0.56	
15	480	494	514	549	598	673	783	932	990	721	278	70.4	41.6	30.5	22.4	12.8	6.15	0.68	
20	530	544	567	604	660	745	855	950	900	593	218	63.2	39.8	29.7	21.9	12.5	6.20	0.84	
25	580	595	621	660	722	818	927	967	811	465	158	56.0	38.0	28.9	21.5	12.3	6.26	1.00	
30	629	646	674	716	784	891	999	984	722	338	97.6	48.8	36.2	28.2	21.1	12.0	6.32	1.16	
35	758	775	800	827	848	864	852	753	520	244	79.1	44.0	33.7	26.4	19.7	11.2	6.04	1.20	
40	887	904	927	937	912	838	705	522	318	151	60.6	39.2	31.1	24.7	18.3	10.4	5.76	1.24	
45	1016	1034	1053	1048	976	811	558	291	116	57.9	42.2	34.3	28.5	22.9	17.0	9.52	5.48	1.28	
50	737	745	750	734	676	561	387	207	87.9	48.1	36.8	30.8	25.8	20.9	15.3	8.75	5.16	1.30	
55	458	457	446	421	377	310	217	122	60.0	38.4	31.5	27.3	23.1	18.8	13.7	7.99	4.84	1.33	
60	179	168	142	108	77.5	59.3	47.2	37.8	32.1	28.6	26.2	23.8	20.5	16.7	12.1	7.23	4.52	1.35	
65	127	120	103	79.7	58.8	46.0	37.7	31.1	26.9	24.0	21.8	19.7	17.1	14.0	10.1	6.25	4.01	1.37	
70	74.1	71.2	62.8	51.3	40.1	32.6	28.1	24.4	21.7	19.5	17.5	15.7	13.7	11.3	8.01	5.27	3.50	1.39	
75	21.5	22.8	23.2	23.0	21.3	19.2	18.5	17.7	16.5	15.0	13.1	11.6	10.3	8.58	5.96	4.30	2.99	1.40	
80	0.00	0.00	0.00	0.00	0.00	0.00	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	
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	

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