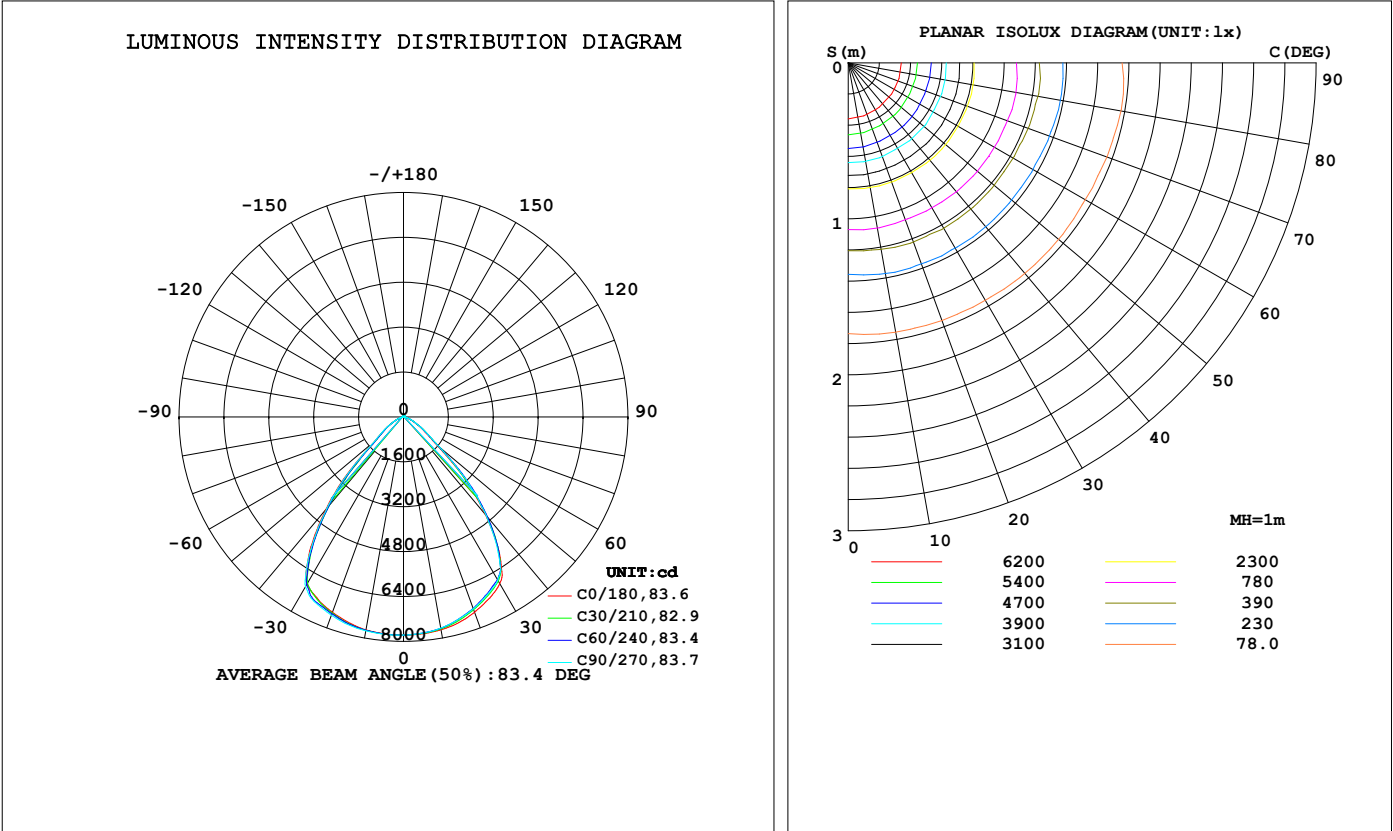


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.9V I:0.522A P:120.1W PF:0.972 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0		Lamp Flux:13594.2x1 lm
NAME: P301-B4K (120W with PC transparent reflector) TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 113.19 lm/W
MODEL	/	Imax (cd)	7783	S/MH (C0/180)	1.19	
NOMINAL POWER (W)	/	LOR (%)	100.0	S/MH (C90/270)	1.18	
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	13594	η UP, DN (C0-180)	0.6, 50.2	
NOMINAL FLUX (lm)	13594.2	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 48.6	
LAMPS INSIDE	1	η up (%)	1.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	/	η down (%)	98.8	CIBSE SHR MAX	1.25	



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:ZZX
Test Date:2024-06-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4593]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	7700	7665	7644	7677	7706	7724	7736	7747	0- 10	738.7	738.7	5.43,5.43
20	7403	7298	7277	7333	7406	7448	7515	7523	10- 20	2141	2879	21.2,21.2
30	6860	6760	6720	6844	6866	6844	6980	7033	20- 30	3310	6190	45.5,45.5
40	4542	4726	4586	4577	4293	4065	4249	4348	30- 40	3603	9792	72,72
50	1534	1665	1687	1542	1321	1226	1329	1459	40- 50	2194	11986	88.2,88.2
60	624.5	668.0	666.7	643.0	582.9	572.4	568.5	561.4	50- 60	868.5	12854	94.6,94.6
70	237.9	274.3	255.0	237.7	220.3	211.5	204.2	208.1	60- 70	388.6	13243	97.4,97.4
80	76.21	83.20	77.67	74.66	66.23	63.20	61.47	63.08	70- 80	148.1	13391	98.5,98.5
90	17.29	18.68	18.41	18.07	18.16	16.50	16.94	16.76	80- 90	42.46	13434	98.8,98.8
100	19.29	17.33	18.57	19.16	22.60	18.47	21.94	20.38	90-100	18.59	13452	99,99
110	18.53	17.62	17.64	16.08	18.22	16.16	17.31	18.56	100-110	19.89	13472	99.1,99.1
120	22.85	18.85	18.62	18.90	24.29	21.89	23.67	26.00	110-120	18.33	13490	99.2,99.2
130	27.92	25.57	25.54	26.67	30.75	30.39	32.28	34.09	120-130	22.81	13513	99.4,99.4
140	34.96	33.24	33.67	33.49	35.80	34.74	37.02	39.76	130-140	25.98	13539	99.6,99.6
150	34.40	33.01	33.19	33.20	35.72	35.09	35.57	37.82	140-150	22.05	13561	99.8,99.8
160	35.62	34.93	34.95	35.47	38.90	38.92	38.96	39.68	150-160	16.35	13578	99.9,99.9
170	47.31	47.11	46.96	46.95	47.37	47.23	46.57	46.99	160-170	11.74	13589	100,100
180	53.88	53.82	54.01	54.00	53.99	53.93	54.12	54.12	170-180	4.832	13594	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 11140 lm

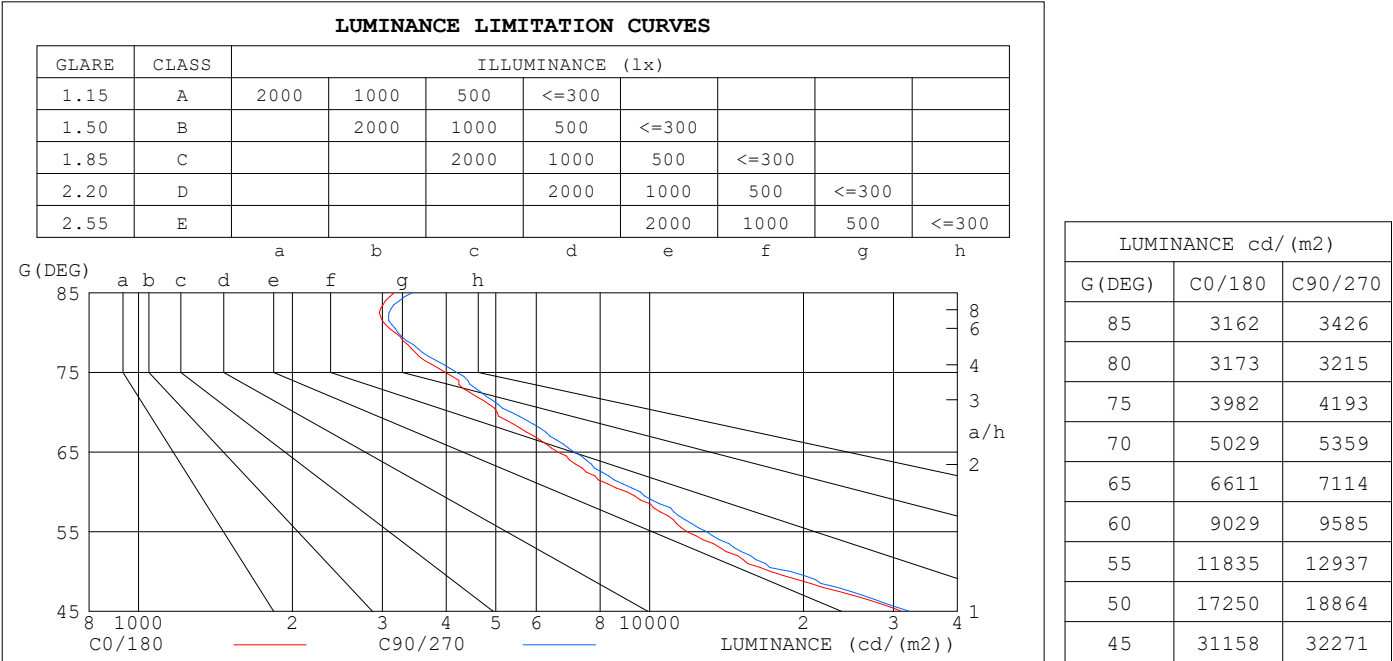
%lum = 81.9%
%lamp = 81.9%

Conical surface Flux(120deg): 12854 lm

%lum = 94.6%
%lamp = 94.6%

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Temperature:25.3℃	Humidity:65.0%
Operators:ZZX	Test Distance:26.000m [K=0.4593]
Test Date:2024-06-14	Remarks:

LUMINANCE LIMITATION CURVES



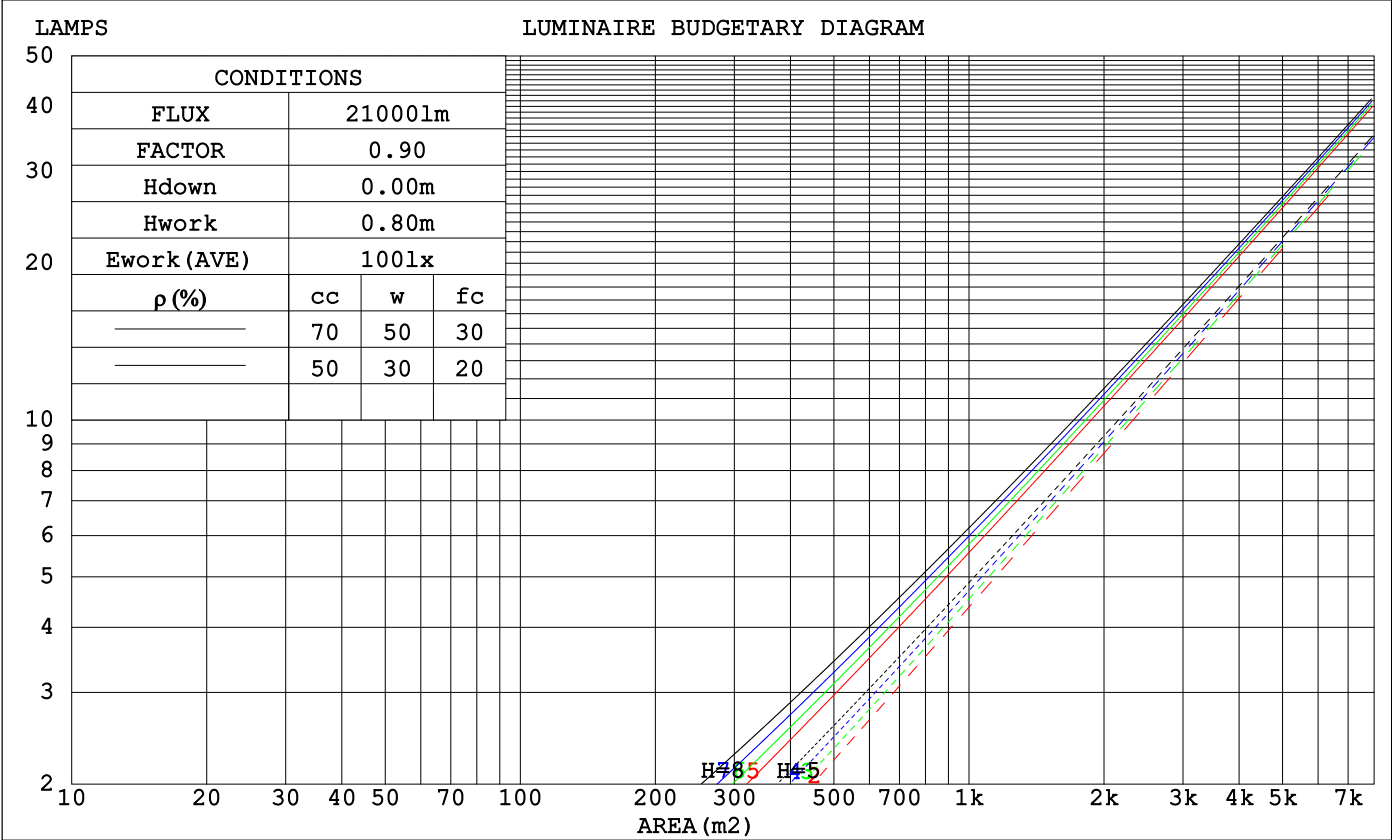
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:ZZX
Test Date:2024-06-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4593]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)										
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99	
1.0	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89	
2.0	.98	.93	.89	.96	.92	.88	.93	.89	.86	.90	.87	.84	.87	.84	.82	.80	
3.0	.89	.83	.78	.88	.82	.78	.85	.80	.76	.82	.78	.75	.80	.76	.73	.72	
4.0	.82	.75	.70	.80	.74	.69	.78	.72	.68	.76	.71	.67	.73	.69	.66	.64	
5.0	.75	.68	.62	.74	.67	.62	.72	.66	.61	.70	.64	.60	.68	.63	.60	.58	
6.0	.69	.61	.56	.68	.61	.56	.66	.60	.55	.64	.59	.55	.63	.58	.54	.52	
7.0	.63	.56	.51	.62	.55	.51	.61	.55	.50	.59	.54	.50	.58	.53	.49	.48	
8.0	.58	.51	.46	.58	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.45	.44	
9.0	.54	.47	.42	.54	.47	.42	.52	.46	.42	.51	.46	.42	.50	.45	.42	.40	
10.0	.50	.44	.39	.50	.43	.39	.49	.43	.39	.48	.42	.38	.47	.42	.38	.37	



C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:ZZX

Test Date:2024-06-14

γ Range: 0 - 180DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465

Humidity:65.0%

Test Distance:26.000m [K=0.4593]

Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.220	.125	.040	.213	.122	.039	.200	.115	.037	.187	.108	.035	.176	.102	.033	
2.0	.213	.117	.036	.207	.114	.035	.196	.109	.034	.185	.104	.032	.175	.099	.031	
3.0	.203	.108	.032	.198	.106	.032	.188	.102	.031	.179	.098	.030	.170	.094	.029	
4.0	.193	.100	.030	.188	.099	.029	.180	.095	.028	.171	.092	.028	.164	.089	.027	
5.0	.183	.093	.027	.179	.092	.027	.171	.089	.026	.164	.086	.026	.157	.084	.025	
6.0	.174	.087	.025	.170	.086	.025	.163	.083	.024	.156	.081	.024	.150	.079	.023	
7.0	.165	.081	.023	.161	.080	.023	.155	.078	.023	.149	.077	.022	.144	.075	.022	
8.0	.157	.077	.022	.154	.076	.021	.148	.074	.021	.143	.072	.021	.138	.071	.021	
9.0	.149	.072	.020	.146	.071	.020	.141	.070	.020	.136	.068	.020	.132	.067	.019	
10.0	.142	.068	.019	.139	.067	.019	.135	.066	.019	.130	.065	.018	.126	.063	.018	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.183	.166	.151	.157	.142	.130	.107	.098	.090	.062	.057	.052	.020	.018	.017	
2.0	.171	.141	.117	.146	.122	.101	.100	.084	.070	.058	.049	.041	.019	.016	.013	
3.0	.161	.123	.093	.138	.106	.081	.095	.074	.056	.055	.043	.033	.018	.014	.011	
4.0	.152	.109	.076	.131	.094	.066	.090	.066	.046	.052	.038	.027	.017	.013	.009	
5.0	.145	.098	.063	.124	.085	.055	.086	.059	.039	.050	.035	.023	.016	.011	.008	
6.0	.138	.089	.054	.119	.077	.047	.082	.054	.033	.047	.032	.020	.015	.010	.007	
7.0	.132	.082	.047	.113	.071	.041	.078	.050	.029	.046	.029	.017	.015	.010	.006	
8.0	.126	.076	.042	.109	.066	.036	.075	.046	.026	.044	.027	.015	.014	.009	.005	
9.0	.121	.071	.037	.104	.062	.033	.072	.043	.023	.042	.026	.014	.014	.008	.005	
10.0	.116	.067	.034	.100	.058	.030	.070	.041	.021	.041	.024	.013	.013	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:ZZX
 Test Date:2024-06-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4593]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	17.7	18.9	18.1	19.3	19.6	17.4	18.6	17.8	19.0	19.3
3H	18.2	19.3	18.6	19.7	20.1	18.0	19.1	18.4	19.5	19.9
4H	18.4	19.4	18.8	19.7	20.2	18.2	19.2	18.6	19.6	20.0
6H	18.4	19.3	18.9	19.7	20.2	18.3	19.2	18.7	19.6	20.0
8H	18.4	19.3	18.9	19.7	20.1	18.3	19.1	18.7	19.6	20.0
12H	18.4	19.3	18.9	19.7	20.1	18.3	19.1	18.7	19.5	20.0
4H 2H	17.9	18.9	18.3	19.3	19.7	17.5	18.5	17.9	18.9	19.3
3H	18.6	19.4	19.0	19.8	20.2	18.3	19.1	18.7	19.5	20.0
4H	18.8	19.5	19.2	19.9	20.4	18.5	19.2	19.0	19.7	20.2
6H	18.9	19.5	19.4	20.0	20.5	18.6	19.3	19.1	19.7	20.2
8H	18.9	19.5	19.4	19.9	20.4	18.7	19.2	19.2	19.7	20.2
12H	18.9	19.4	19.4	19.9	20.4	18.7	19.2	19.2	19.7	20.2
8H 4H	18.8	19.4	19.3	19.8	20.3	18.5	19.1	19.0	19.6	20.1
6H	18.9	19.4	19.5	19.9	20.4	18.7	19.1	19.2	19.7	20.2
8H	19.0	19.4	19.5	20.0	20.5	18.7	19.2	19.3	19.7	20.2
12H	19.0	19.4	19.6	19.9	20.5	18.8	19.2	19.3	19.7	20.3
12H 4H	18.7	19.3	19.2	19.8	20.3	18.5	19.0	19.0	19.5	20.0
6H	18.9	19.3	19.5	19.8	20.4	18.6	19.1	19.2	19.6	20.1
8H	19.0	19.4	19.5	19.9	20.5	18.7	19.1	19.3	19.6	20.2
CIE190: 2010										

CIE190: 2010
Area: 0.139 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:ZZX
Test Date:2024-06-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4593]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

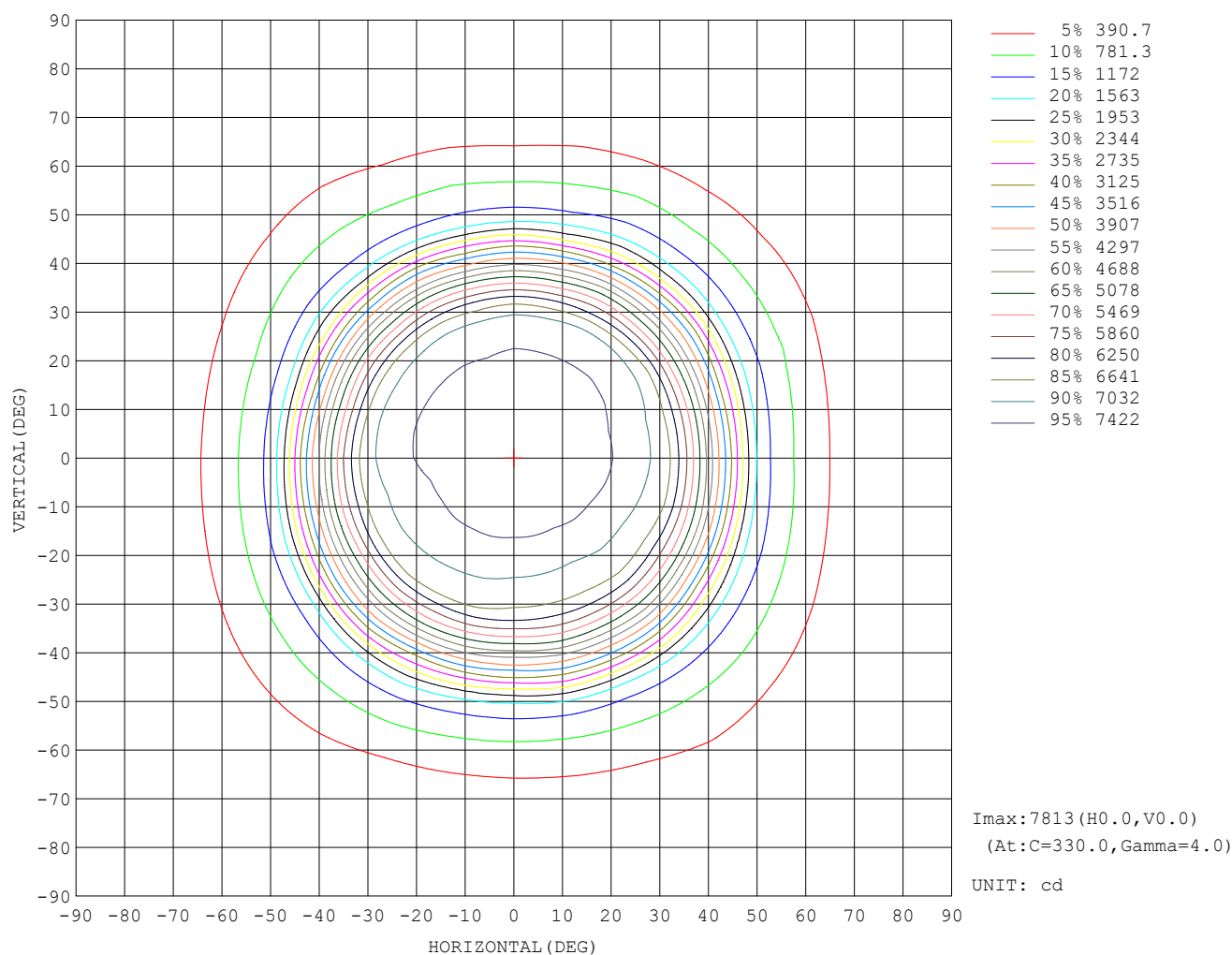
UTILIZATION FACTORS TABLE

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	74	65	60	73	65	60	72	64	60	55
0.80	83	75	70	82	74	69	81	74	69	64
1.00	90	82	77	89	82	77	87	82	76	71
1.25	95	88	84	94	88	83	92	86	82	77
1.50	99	93	88	98	92	87	95	90	86	81
2.00	104	98	94	102	97	93	99	95	91	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	102	99	97	89
4.00	111	107	104	109	105	103	105	102	100	92
5.00	112	109	107	110	107	105	106	104	102	93
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004						Suspended			SHRNOM = 1.25	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: ZZX
 Test Date: 2024-06-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity: 65.0%
 Test Distance: 26.000m [K=0.4593]
 Remarks:

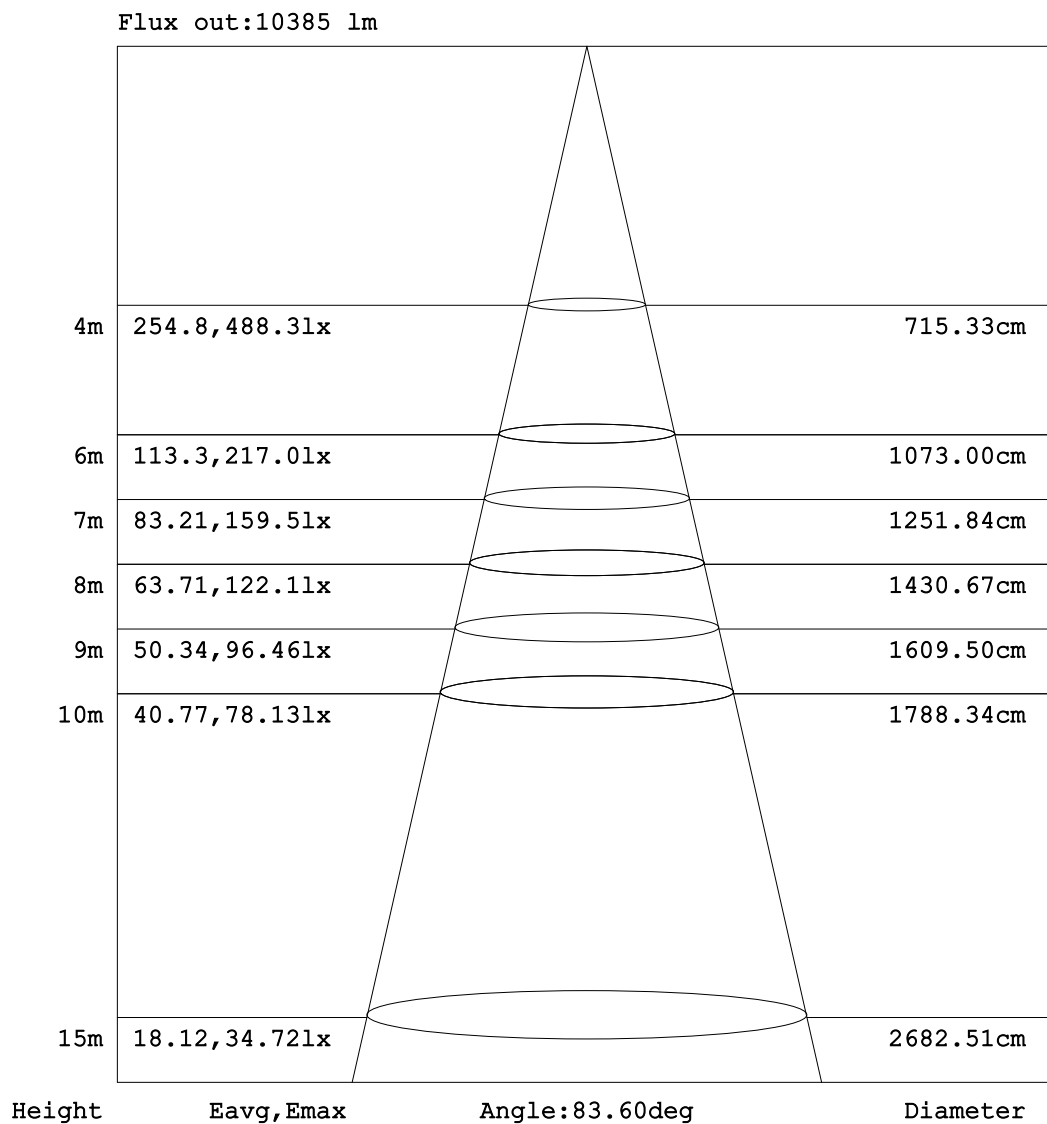
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: ZZX
Test Date: 2024-06-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4593]
Remarks:

AAI Figure



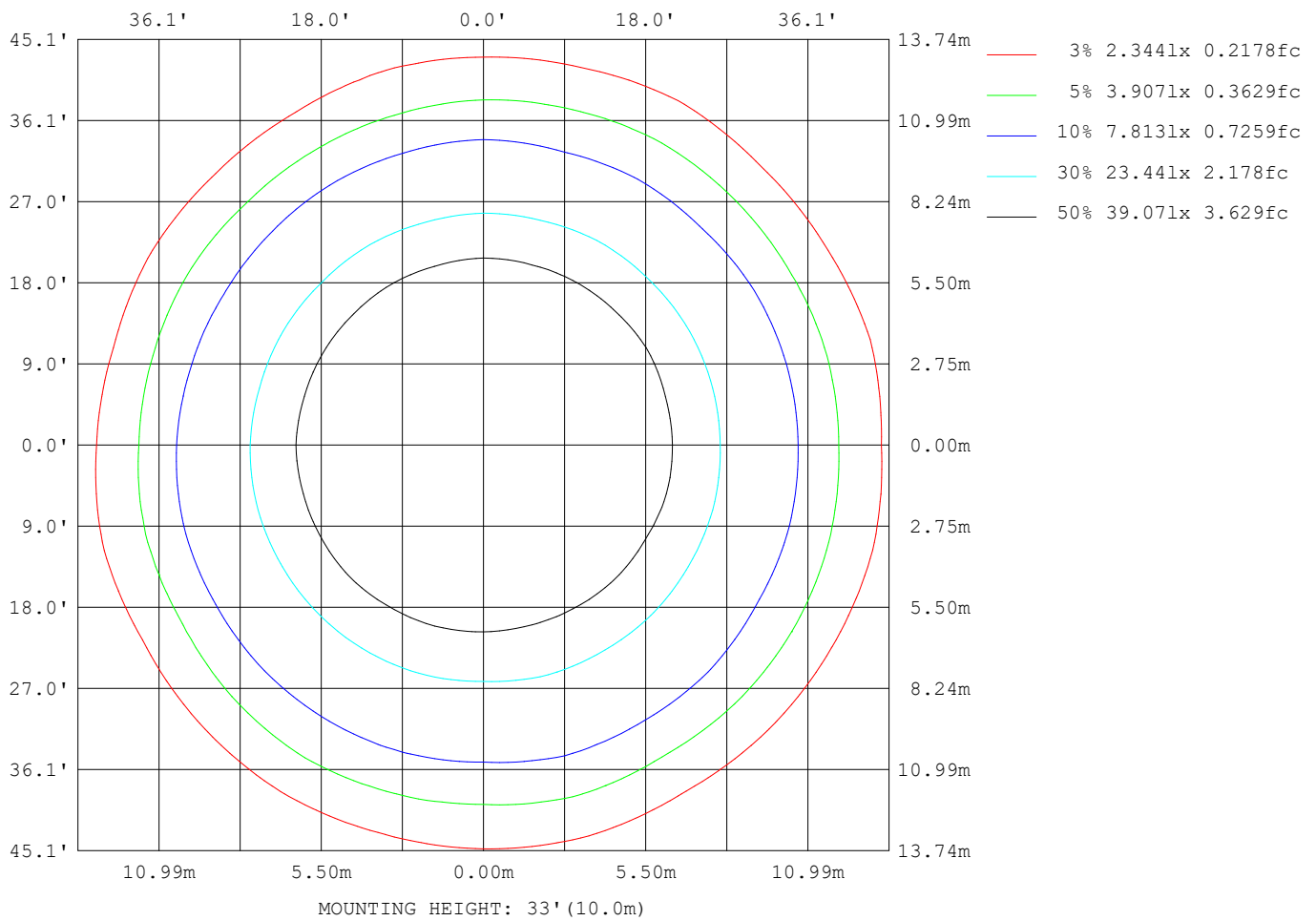
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: ZZX
Test Date: 2024-06-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4593]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

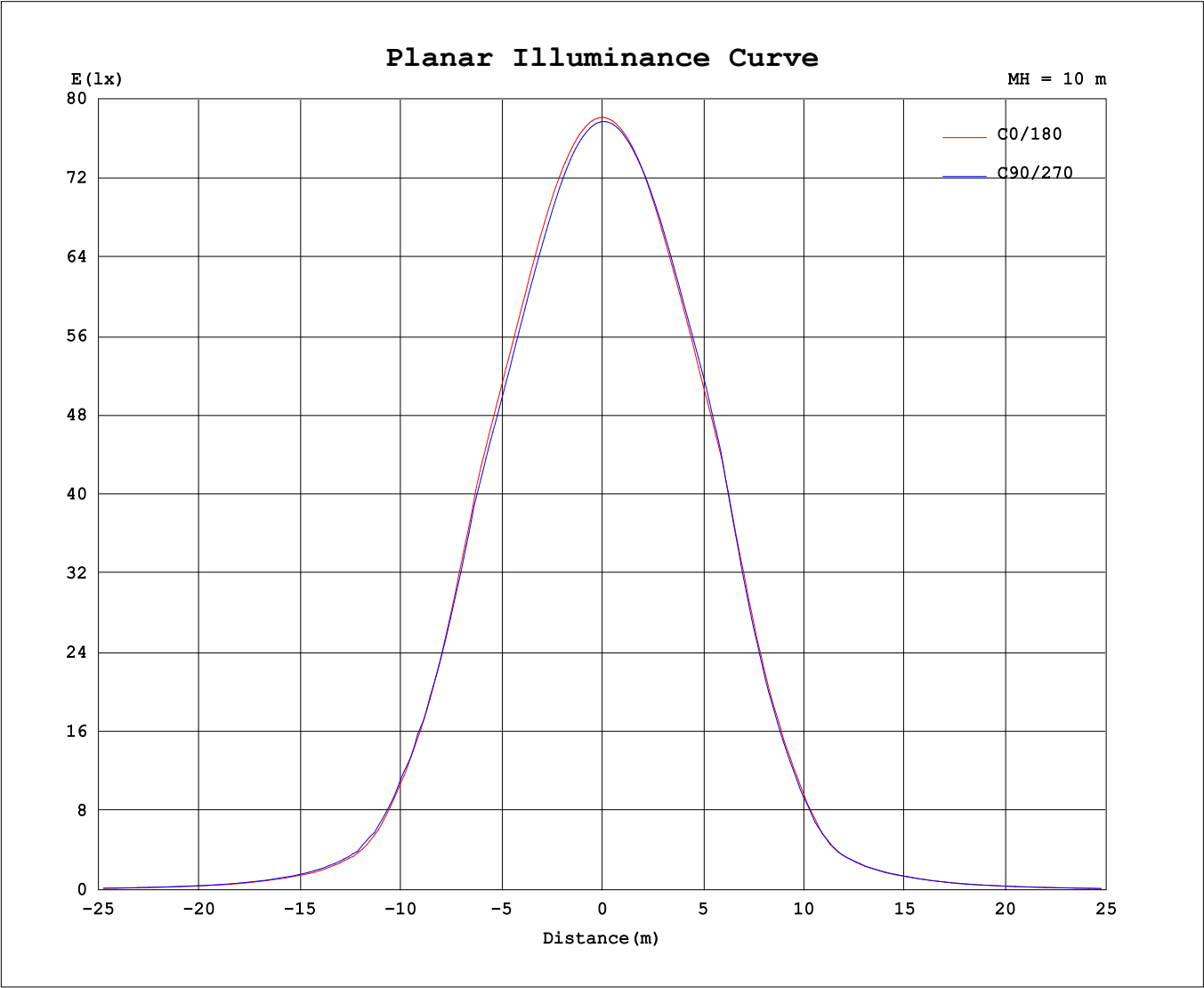
ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: ZZX
Test Date: 2024-06-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4593]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Temperature:25.3°C	Humidity:65.0%
Operators:ZZX	Test Distance:26.000m [K=0.4593]
Test Date:2024-06-14	Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775	7775
5	7757	7753	7746	7747	7733	7737	7735	7739	7740	7748	7749	7751	7757	7763	7768	7768	7762	7767	7776
10	7700	7694	7671	7665	7645	7651	7644	7652	7663	7677	7681	7691	7706	7717	7721	7724	7720	7726	7736
15	7593	7566	7524	7514	7477	7479	7478	7495	7505	7527	7529	7552	7581	7599	7614	7621	7630	7641	7662
20	7403	7367	7308	7298	7264	7272	7277	7302	7307	7333	7336	7364	7406	7431	7436	7448	7469	7465	7515
25	7166	7126	7058	7050	6986	6994	7013	7066	7082	7114	7138	7155	7186	7209	7213	7260	7302	7274	7339
30	6860	6818	6756	6760	6696	6694	6720	6818	6831	6844	6853	6844	6866	6849	6835	6844	6896	6857	6980
35	5974	5994	5938	5996	5948	5936	5877	5937	5900	5938	5878	5901	5835	5649	5680	5587	5659	5692	5749
40	4542	4671	4637	4726	4667	4680	4586	4618	4562	4577	4493	4421	4293	4167	4110	4065	4138	4113	4249
45	3048	3066	3041	3174	3190	3224	3174	3095	2984	3047	2935	2886	2722	2519	2378	2425	2523	2530	2637
50	1534	1584	1629	1665	1640	1740	1687	1616	1628	1542	1426	1407	1321	1246	1232	1226	1249	1276	1329
55	939	1023	1026	1011	1005	1026	1032	1002	1015	982	910	945	870	831	846	843	841	895	886
60	624	661	670	668	661	688	667	649	647	643	608	606	583	532	553	572	543	566	568
65	386	405	413	434	419	429	418	403	381	392	384	383	368	340	343	362	353	371	359
70	238	244	258	274	256	255	255	253	234	238	229	231	220	209	206	211	211	206	204
75	143	148	148	163	151	154	151	151	135	142	136	136	124	122	118	122	123	121	120
80	76.2	76.9	80.4	83.2	77.4	81.2	77.7	76.2	75.3	74.7	72.6	72.5	66.2	67.2	62.8	63.2	64.6	60.7	61.5
85	38.1	38.6	41.3	43.1	40.3	42.5	41.5	41.3	40.0	40.0	39.6	37.1	34.5	34.0	32.8	30.6	33.5	32.2	32.1
90	17.3	17.4	19.1	18.7	17.5	19.8	18.4	18.8	18.2	18.1	18.3	18.4	18.2	17.2	16.9	16.5	17.7	17.6	16.9
95	14.7	14.2	14.0	13.6	14.5	14.6	14.8	14.2	14.4	15.2	16.4	17.5	17.8	17.5	17.6	17.4	17.9	18.2	18.0
100	19.3	17.7	17.8	17.3	18.0	18.0	18.6	18.4	19.1	19.2	22.1	22.7	22.6	19.8	18.7	18.5	21.1	21.7	21.9
105	19.7	18.9	18.8	18.4	18.6	18.5	18.5	17.7	17.5	17.6	19.0	19.3	19.6	17.8	17.3	17.5	18.7	19.3	19.8
110	18.5	18.4	18.6	17.6	17.8	17.6	17.6	17.1	16.6	16.1	16.6	17.4	18.2	16.7	15.7	16.2	16.9	17.4	17.3
115	18.2	17.7	17.2	17.1	17.1	16.8	16.3	16.5	16.0	15.8	17.0	18.0	19.3	18.6	17.3	18.1	18.7	19.5	19.0
120	22.8	20.7	19.3	18.9	19.5	19.3	18.6	18.8	18.4	18.9	20.3	22.7	24.3	23.1	20.7	21.9	23.2	24.4	23.7
125	27.8	24.6	23.5	23.5	23.4	23.4	22.3	21.8	21.4	21.4	24.9	25.3	29.1	26.8	24.0	25.5	27.2	27.2	27.1
130	27.9	26.7	26.0	25.6	26.4	26.2	25.5	26.1	26.5	26.7	26.9	27.2	30.7	30.0	29.5	30.4	31.3	32.1	32.3
135	34.8	33.2	32.4	31.8	32.7	33.1	32.6	32.7	32.7	32.7	31.4	31.7	34.8	34.2	33.7	34.2	35.0	36.2	36.6
140	35.0	33.9	33.4	33.2	33.9	34.2	33.7	33.3	33.3	33.5	32.7	32.5	35.8	35.4	34.9	34.7	35.7	36.7	37.0
145	34.8	33.8	33.4	33.3	34.0	34.1	33.9	33.3	33.4	33.2	32.5	32.2	35.8	35.6	35.2	35.0	35.6	36.1	36.3
150	34.4	33.4	33.3	33.0	33.3	33.3	33.2	32.7	33.1	33.2	32.4	32.2	35.7	35.6	35.3	35.1	35.5	35.7	35.6
155	34.0	33.5	33.3	33.0	33.0	33.1	33.1	33.1	33.5	33.7	33.2	33.1	36.7	36.6	36.6	36.4	36.6	36.5	36.7
160	35.6	35.4	35.1	34.9	34.8	34.7	34.9	35.0	35.4	35.5	35.3	35.2	38.9	39.1	39.1	38.9	38.9	38.8	39.0
165	41.5	41.2	41.0	40.8	40.8	40.5	40.7	40.7	40.9	41.0	41.2	41.0	43.2	43.5	43.6	43.4	43.1	42.9	43.0
170	47.3	47.1	47.1	47.1	46.9	47.0	47.0	47.0	47.1	46.9	46.9	47.0	47.4	47.5	47.5	47.2	46.9	46.8	46.6
175	53.9	54.0	53.7	53.6	53.7	53.9	54.1	53.9	53.6	53.5	53.6	53.5	52.5	52.6	52.8	53.0	52.9	52.5	52.5
180	53.9	53.8	53.7	53.8	53.9	54.0	54.0	54.0	53.8	54.0	53.9	53.9	54.0	53.9	53.8	53.9	54.0	54.1	54.1

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:ZZX
Test Date:2024-06-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4593]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	7775	7775	7775	7775	7775														
5	7767	7771	7777	7783	7771														
10	7740	7736	7747	7753	7738														
15	7667	7668	7668	7670	7636														
20	7523	7523	7523	7511	7461														
25	7343	7357	7361	7331	7236														
30	6976	7021	7033	7017	6929														
35	5753	5855	5866	5979	5985														
40	4253	4391	4348	4479	4514														
45	2581	2703	2780	2922	2977														
50	1361	1444	1459	1474	1539														
55	905	967	914	930	1020														
60	574	613	561	592	652														
65	386	379	355	353	398														
70	223	223	208	215	250														
75	128	135	121	124	145														
80	63.4	67.9	63.1	65.2	72.7														
85	32.5	34.2	31.7	34.6	37.0														
90	16.9	17.5	16.8	17.0	17.6														
95	17.4	16.9	16.4	15.8	15.4														
100	19.9	20.5	20.4	20.7	19.8														
105	19.2	19.0	19.8	20.2	19.8														
110	17.4	17.6	18.6	19.0	20.0														
115	18.3	18.4	19.2	19.6	19.9														
120	23.2	22.6	26.0	25.8	26.5														
125	26.7	26.4	29.2	30.1	31.0														
130	32.7	32.7	34.1	32.6	32.8														
135	37.0	37.9	39.7	38.5	39.0														
140	37.2	38.2	39.8	39.3	39.3														
145	36.7	37.7	39.2	39.1	39.0														
150	36.0	36.7	37.8	38.1	38.4														
155	37.0	37.5	37.8	38.0	37.9														
160	39.3	39.4	39.7	39.5	39.4														
165	43.1	43.1	43.2	43.1	43.0														
170	46.6	46.8	47.0	47.0	47.1														
175	52.2	52.4	52.5	52.5	52.4														
180	54.1	54.0	54.1	54.0	54.0														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:ZZX
Test Date:2024-06-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4593]
Remarks: