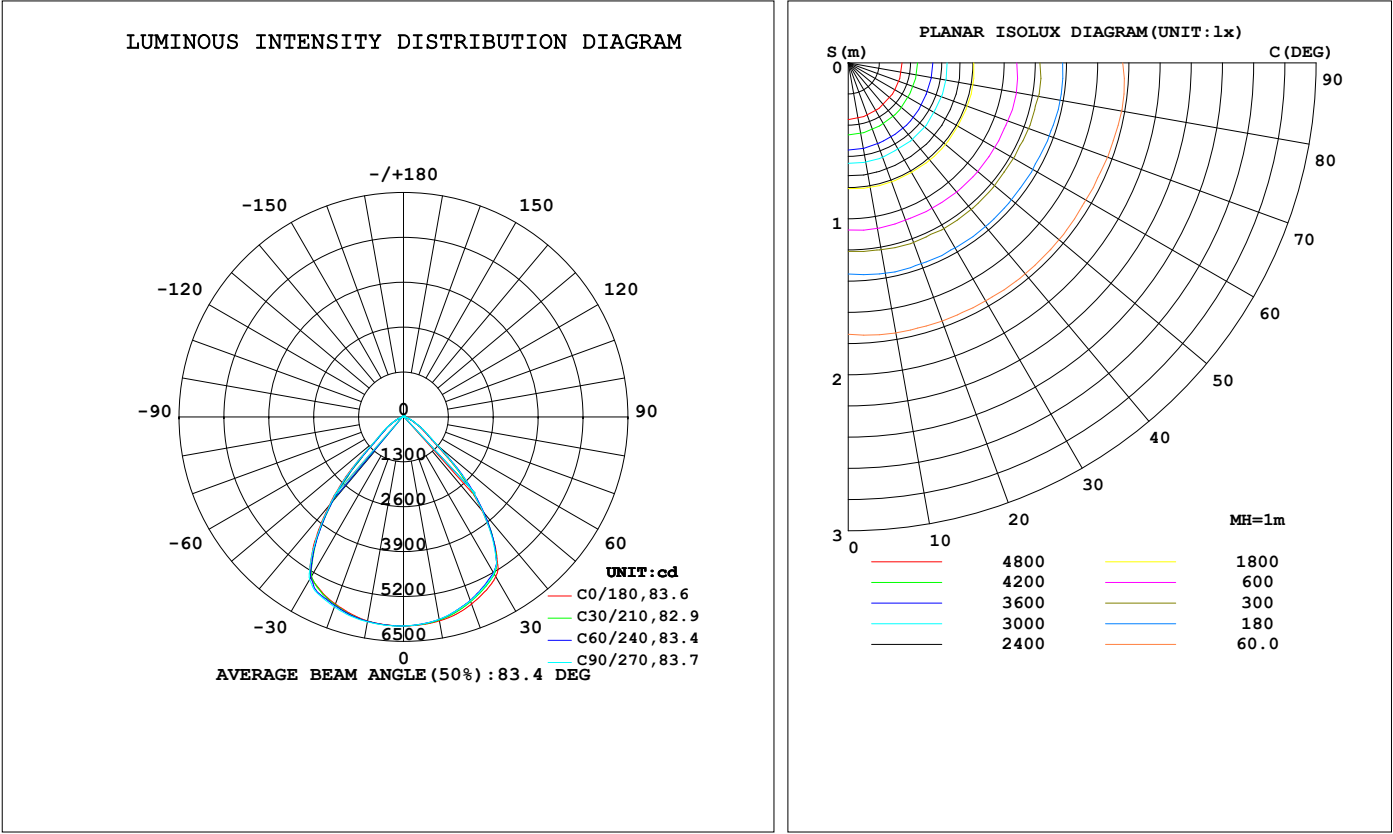


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.9V I:0.391A P:90.0W PF:0.972 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0Lamp Flux:10582.6x1 lm		
NAME: P301-B4K (90W with PC transparent reflector)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 117.58 lm/W
MODEL	/	Imax (cd)	6058	S/MH (C0/180)	1.19	
NOMINAL POWER (W)	/	LOR (%)	100.0	S/MH (C90/270)	1.18	
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	10583	η UP,DN (C0-180)	0.6,50.2	
NOMINAL FLUX (lm)	10582.6	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	5994	5967	5951	5976	5999	6013	6022	6031	0- 10	575.0	575.0	5.43,5.43
20	5763	5681	5665	5708	5765	5798	5850	5856	10- 20	1667	2242	21.2,21.2
30	5340	5262	5231	5328	5345	5327	5433	5475	20- 30	2577	4818	45.5,45.5
40	3536	3679	3570	3563	3342	3164	3308	3385	30- 40	2805	7623	72,72
50	1194	1296	1313	1201	1028	954.6	1035	1136	40- 50	1708	9331	88.2,88.2
60	486.1	520.0	519.0	500.5	453.7	445.6	442.5	437.0	50- 60	676.1	10007	94.6,94.6
70	185.2	213.5	198.5	185.0	171.5	164.6	159.0	162.0	60- 70	302.5	10309	97.4,97.4
80	59.32	64.77	60.46	58.12	51.56	49.20	47.85	49.11	70- 80	115.3	10425	98.5,98.5
90	13.46	14.54	14.33	14.07	14.13	12.85	13.18	13.04	80- 90	33.06	10458	98.8,98.8
100	15.02	13.49	14.45	14.91	17.59	14.38	17.08	15.86	90-100	14.47	10472	99,99
110	14.42	13.71	13.73	12.52	14.19	12.58	13.47	14.45	100-110	15.48	10488	99.1,99.1
120	17.79	14.67	14.50	14.72	18.91	17.04	18.43	20.24	110-120	14.27	10502	99.2,99.2
130	21.74	19.91	19.88	20.76	23.93	23.66	25.13	26.54	120-130	17.76	10520	99.4,99.4
140	27.22	25.88	26.21	26.07	27.87	27.04	28.82	30.96	130-140	20.23	10540	99.6,99.6
150	26.78	25.70	25.84	25.84	27.81	27.31	27.69	29.44	140-150	17.17	10557	99.8,99.8
160	27.73	27.19	27.20	27.61	30.28	30.30	30.33	30.89	150-160	12.73	10570	99.9,99.9
170	36.83	36.68	36.56	36.55	36.88	36.77	36.25	36.58	160-170	9.137	10579	100,100
180	41.94	41.90	42.04	42.04	42.03	41.98	42.13	42.13	170-180	3.762	10583	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 8672.1 lm

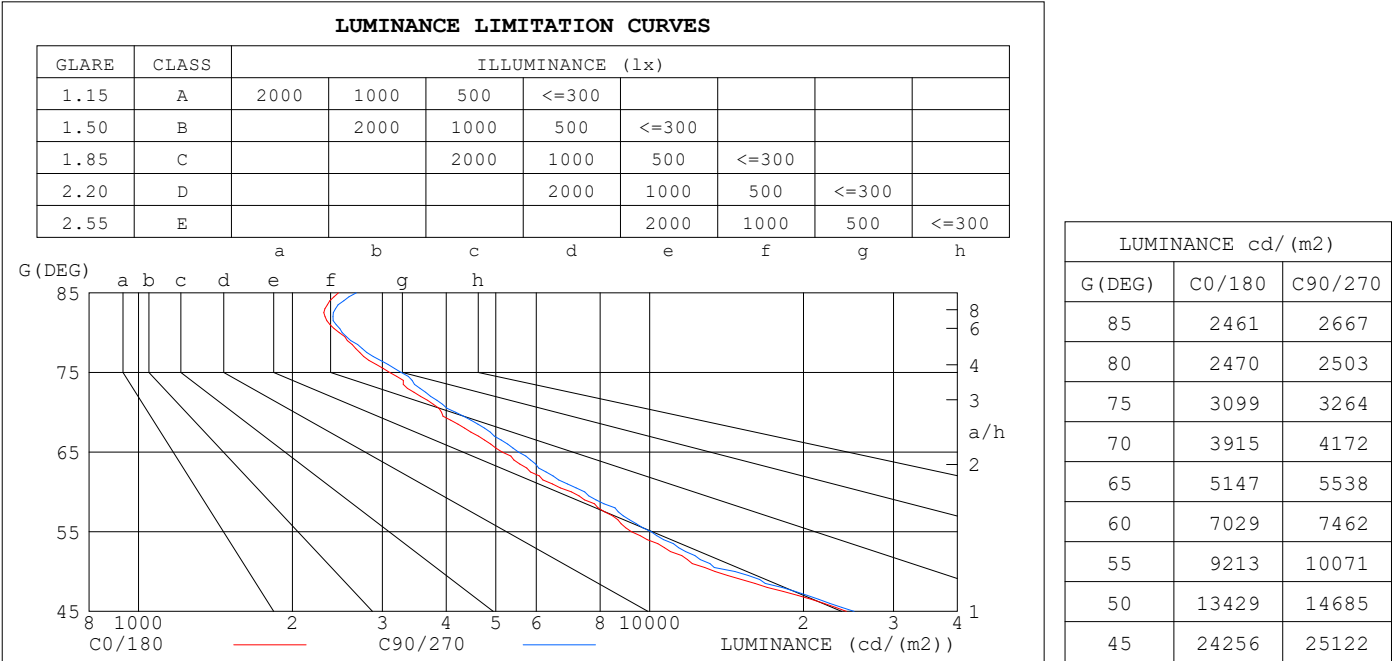
%lum = 81.9%  
%lamp = 81.9%

Conical surface Flux(120deg): 10007 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



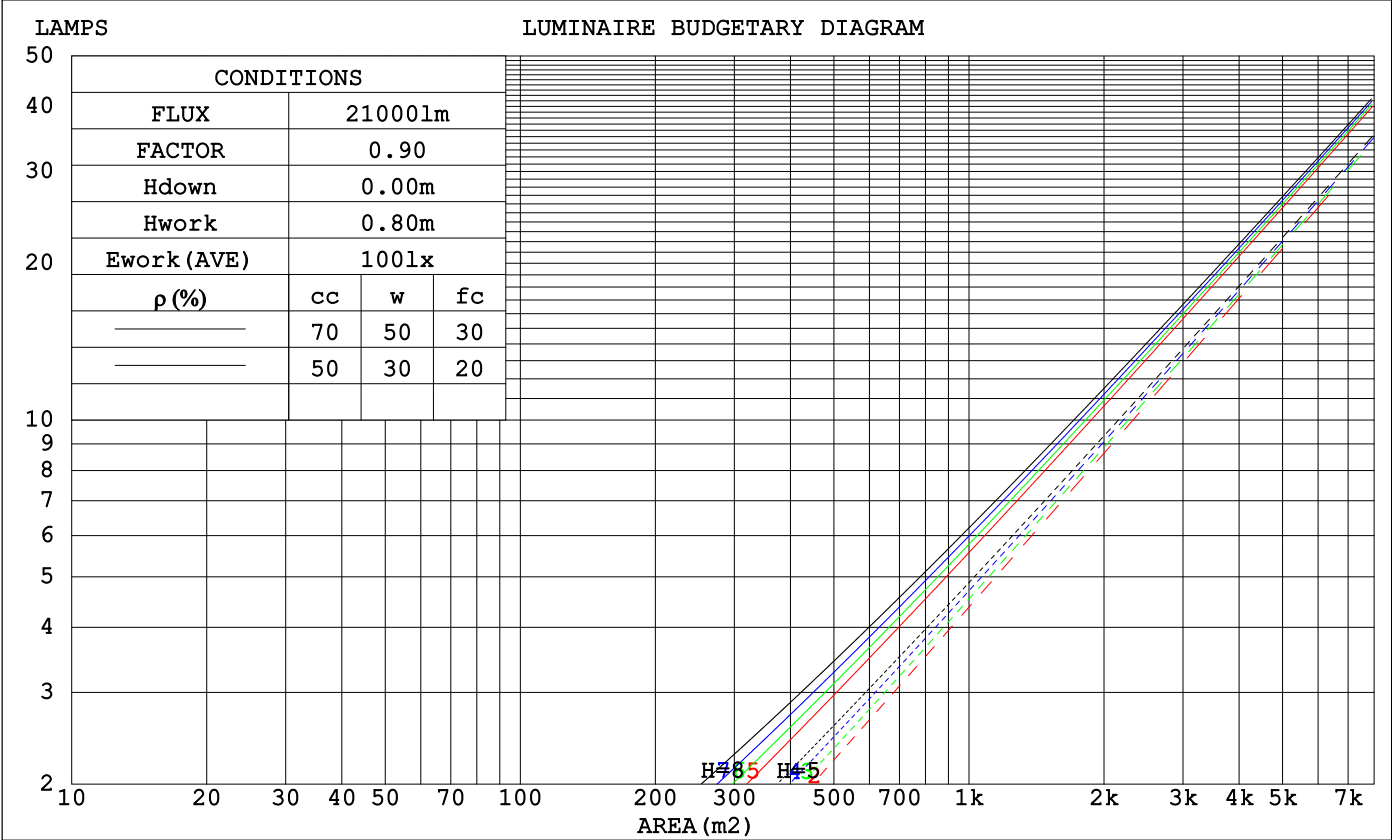
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:ZZX  
Test Date:2024-06-14

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

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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	16.8	18.1	17.2	18.4	18.7	16.5	17.7	16.9	18.1	18.4
3H	17.4	18.4	17.8	18.8	19.2	17.2	18.2	17.6	18.6	19.0
4H	17.5	18.5	17.9	18.9	19.3	17.3	18.3	17.8	18.7	19.1
6H	17.5	18.5	18.0	18.9	19.3	17.4	18.3	17.8	18.7	19.1
8H	17.6	18.4	18.0	18.8	19.3	17.4	18.3	17.9	18.7	19.1
12H	17.5	18.4	18.0	18.8	19.3	17.4	18.2	17.9	18.7	19.1
4H 2H	17.0	18.0	17.4	18.4	18.8	16.7	17.7	17.1	18.0	18.5
3H	17.7	18.5	18.1	18.9	19.4	17.4	18.2	17.8	18.7	19.1
4H	17.9	18.6	18.3	19.1	19.5	17.6	18.4	18.1	18.8	19.3
6H	18.0	18.6	18.5	19.1	19.6	17.8	18.4	18.3	18.9	19.4
8H	18.0	18.6	18.5	19.1	19.6	17.8	18.4	18.3	18.8	19.3
12H	18.0	18.6	18.5	19.1	19.6	17.8	18.3	18.3	18.8	19.3
8H 4H	17.9	18.5	18.4	19.0	19.5	17.6	18.2	18.1	18.7	19.2
6H	18.1	18.5	18.6	19.1	19.6	17.8	18.3	18.3	18.8	19.3
8H	18.1	18.5	18.7	19.1	19.6	17.9	18.3	18.4	18.8	19.3
12H	18.2	18.6	18.7	19.1	19.7	17.9	18.3	18.5	18.8	19.4
12H 4H	17.9	18.4	18.4	18.9	19.4	17.6	18.1	18.1	18.6	19.1
6H	18.0	18.5	18.6	19.0	19.5	17.8	18.2	18.3	18.7	19.3
8H	18.1	18.5	18.7	19.0	19.6	17.9	18.2	18.4	18.8	19.4
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

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

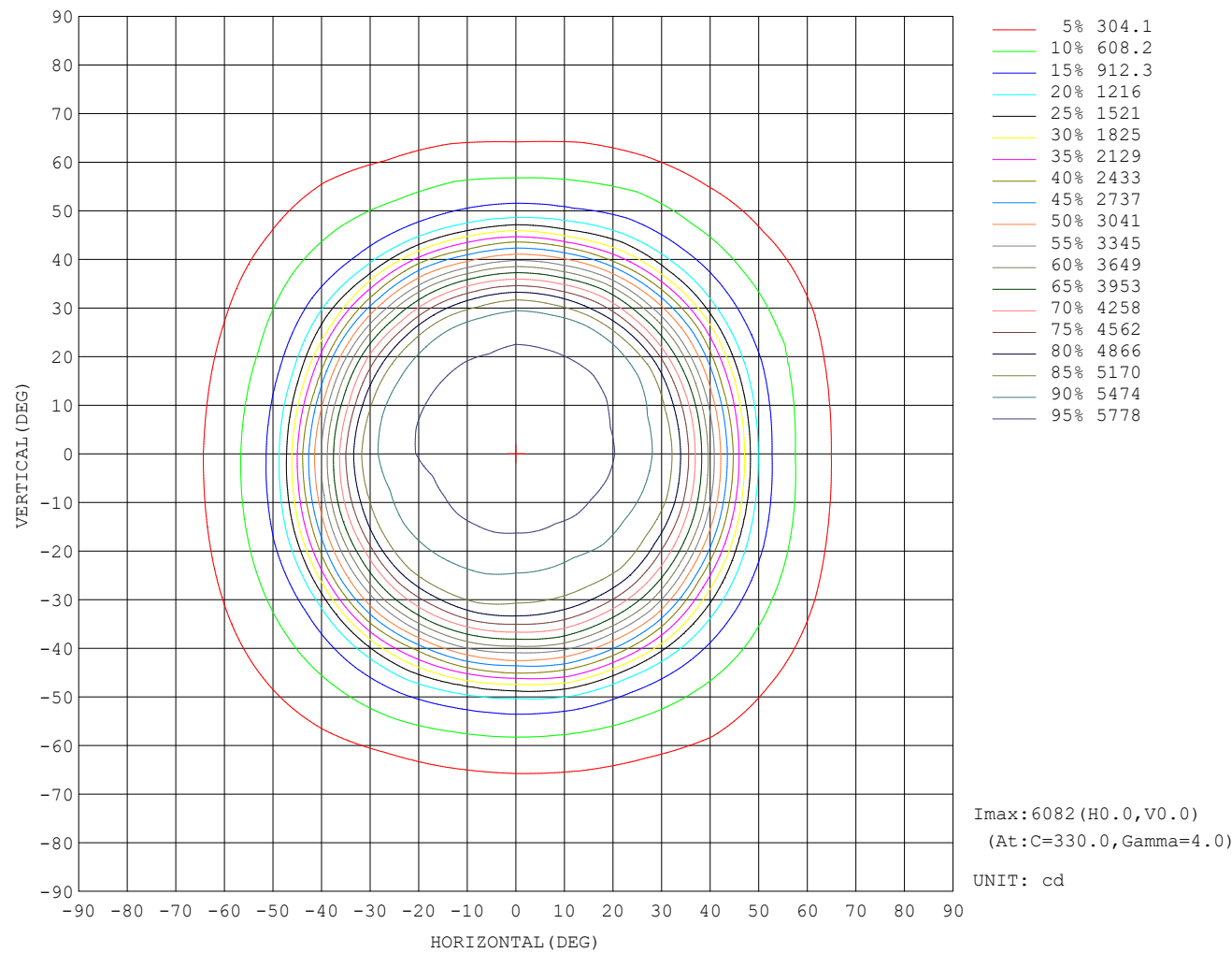
## UTILIZATION FACTORS TABLE

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

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

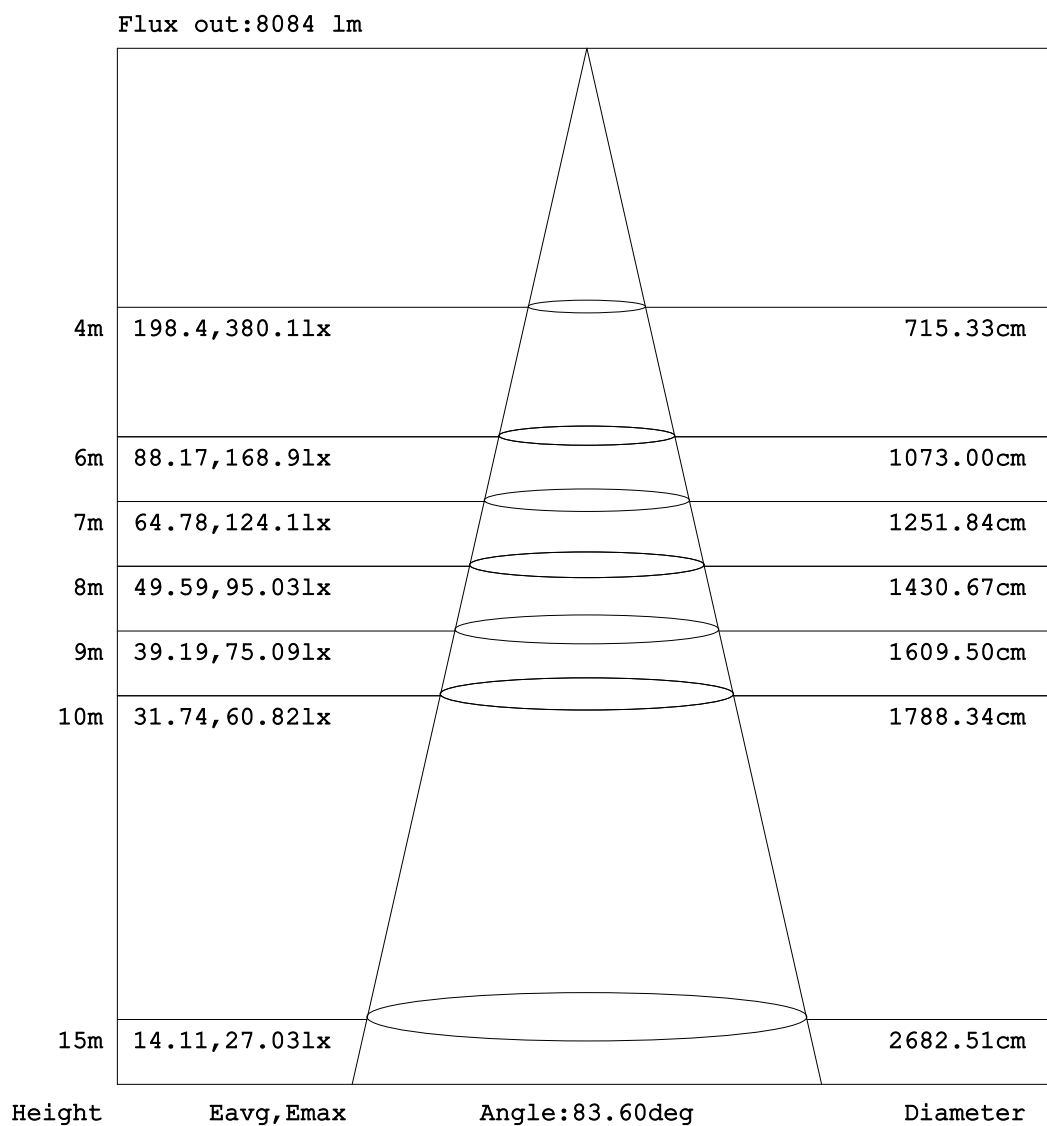


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:ZZX  
Test Date:2024-06-14

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

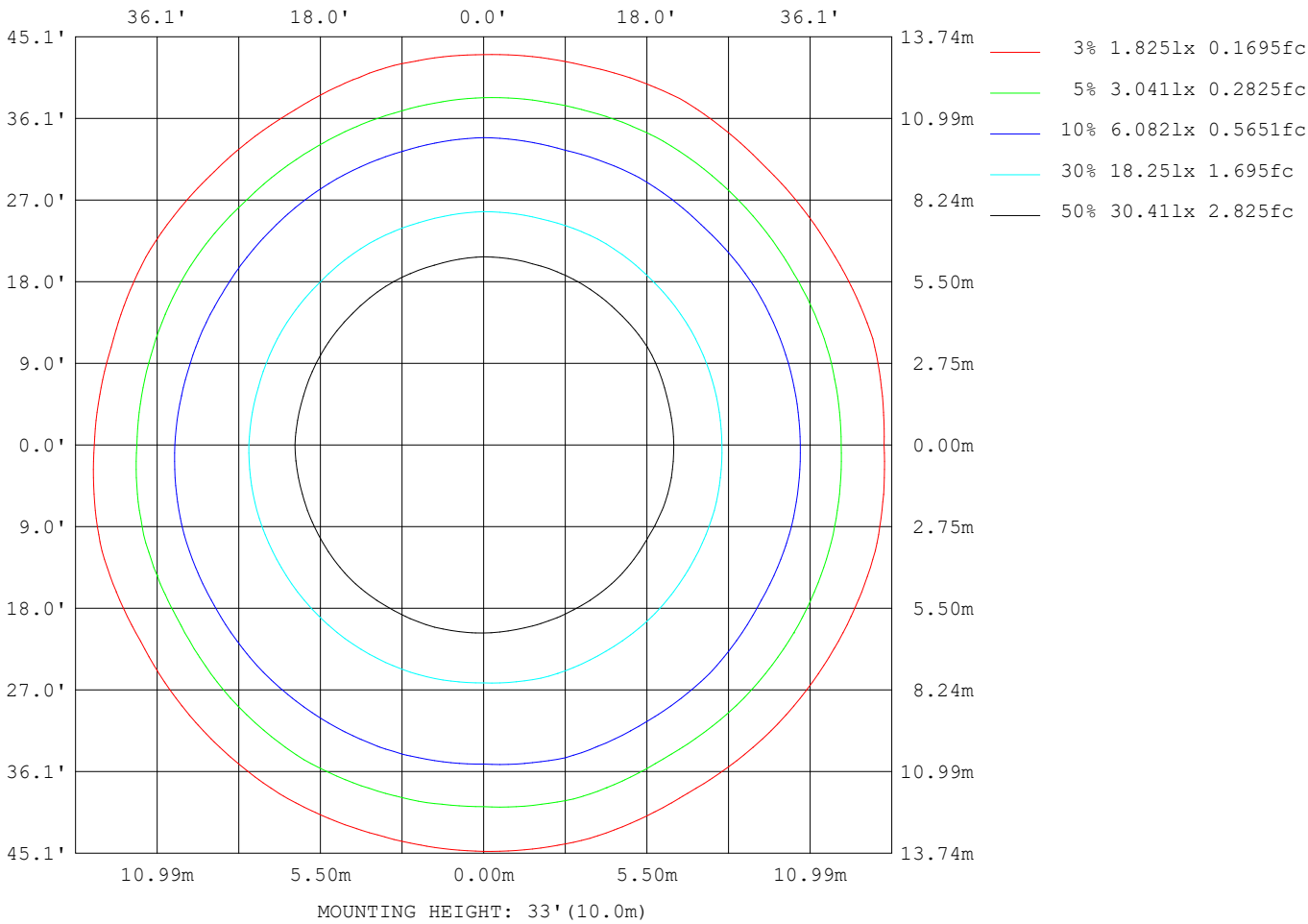


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity:65.0%  
Test Distance:26.000m [K=0.4593]  
Remarks:

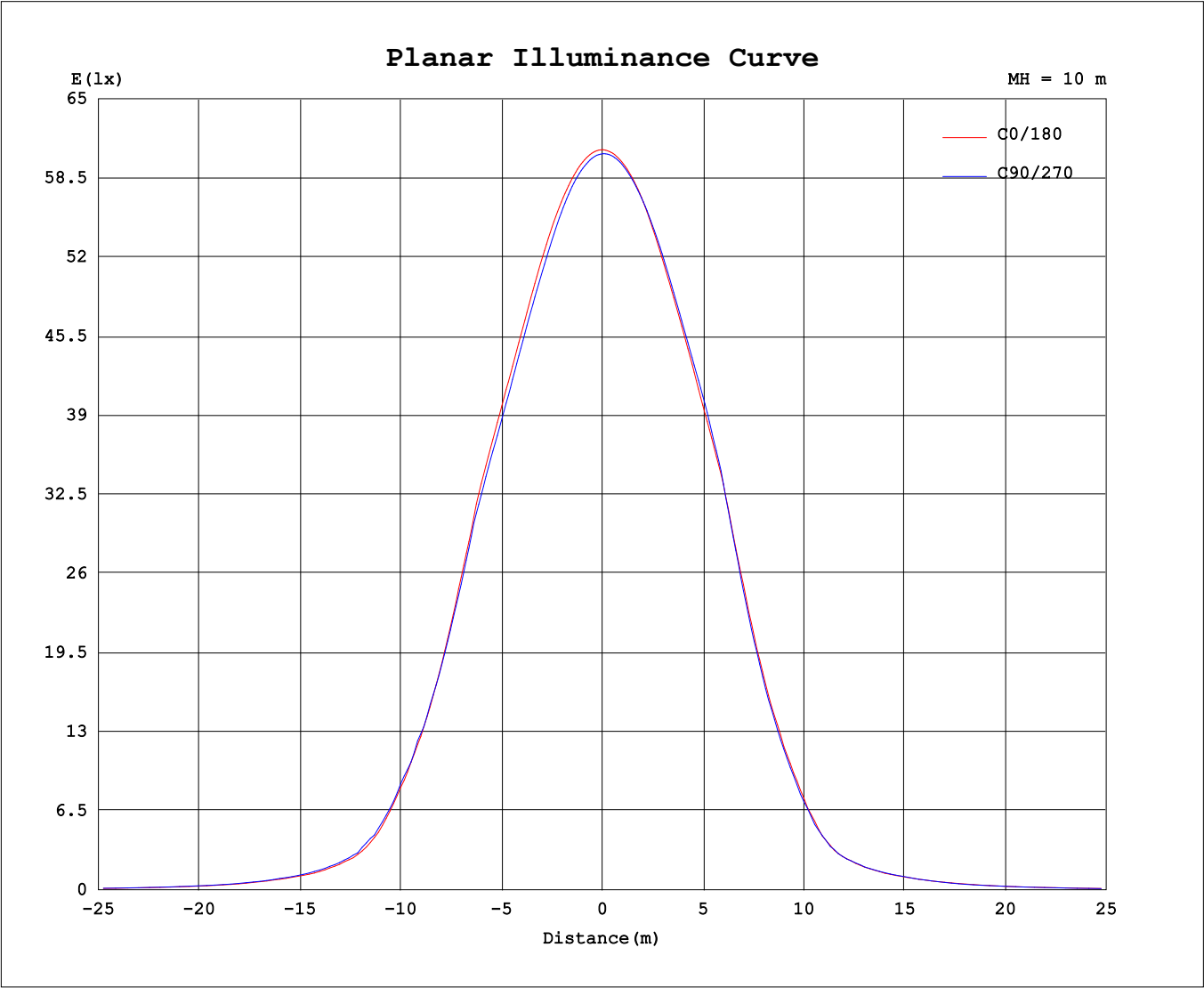
ISOLUX DIAGRAM



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	$\gamma$ Range: 0 - 180DEG
C Interval: 15.0DEG	$\gamma$ 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	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053	6053
5	6039	6035	6030	6031	6020	6023	6021	6025	6026	6032	6032	6034	6038	6043	6047	6047	6043	6047	6053
10	5994	5989	5972	5967	5952	5956	5951	5956	5965	5976	5979	5987	5999	6007	6010	6013	6010	6015	6022
15	5911	5890	5857	5849	5821	5822	5821	5834	5843	5860	5861	5879	5902	5916	5928	5933	5939	5949	5964
20	5763	5735	5689	5681	5654	5661	5665	5684	5688	5708	5711	5732	5765	5785	5789	5798	5814	5811	5850
25	5578	5547	5494	5488	5439	5445	5459	5500	5513	5538	5557	5570	5594	5612	5615	5652	5684	5663	5713
30	5340	5307	5260	5262	5212	5211	5231	5308	5318	5328	5335	5328	5345	5332	5321	5327	5368	5338	5433
35	4651	4666	4622	4668	4630	4621	4575	4621	4593	4623	4576	4594	4542	4398	4422	4349	4405	4431	4475
40	3536	3636	3609	3679	3633	3643	3570	3595	3551	3563	3498	3442	3342	3244	3200	3164	3221	3202	3308
45	2372	2387	2367	2471	2484	2510	2471	2409	2323	2372	2285	2247	2119	1961	1851	1888	1964	1969	2053
50	1194	1233	1268	1296	1276	1355	1313	1258	1267	1201	1110	1095	1028	970	959	955	972	994	1035
55	731	796	799	787	782	798	804	780	790	764	709	735	677	647	659	656	655	696	690
60	486	514	521	520	515	536	519	505	504	501	473	472	454	414	430	446	423	441	443
65	301	315	322	338	326	334	326	313	297	305	299	298	287	264	267	282	275	289	279
70	185	190	201	214	199	199	198	197	182	185	178	180	172	163	160	165	164	160	159
75	111	115	116	127	118	120	118	117	105	110	106	106	96.2	94.8	91.5	95.0	95.6	94.1	93.4
80	59.3	59.8	62.6	64.8	60.2	63.2	60.5	59.3	58.6	58.1	56.5	56.4	51.6	52.3	48.9	49.2	50.3	47.3	47.9
85	29.7	30.0	32.1	33.5	31.4	33.1	32.3	32.2	31.2	31.2	30.8	28.9	26.9	26.5	25.5	23.8	26.0	25.0	25.0
90	13.5	13.6	14.8	14.5	13.7	15.4	14.3	14.6	14.2	14.1	14.3	14.3	14.1	13.4	13.2	12.8	13.8	13.7	13.2
95	11.4	11.1	10.9	10.6	11.3	11.4	11.5	11.1	11.2	11.8	12.8	13.6	13.9	13.7	13.7	13.6	14.0	14.2	14.1
100	15.0	13.8	13.9	13.5	14.0	14.0	14.5	14.3	14.9	14.9	17.2	17.7	17.6	15.4	14.5	14.4	16.4	16.9	17.1
105	15.4	14.7	14.6	14.3	14.5	14.4	14.4	13.8	13.6	13.7	14.8	15.0	15.3	13.9	13.4	13.6	14.6	15.0	15.4
110	14.4	14.3	14.5	13.7	13.9	13.7	13.7	13.3	12.9	12.5	12.9	13.5	14.2	13.0	12.2	12.6	13.2	13.6	13.5
115	14.2	13.8	13.4	13.3	13.3	13.1	12.7	12.8	12.5	12.3	13.2	14.0	15.0	14.5	13.5	14.1	14.6	15.2	14.8
120	17.8	16.1	15.0	14.7	15.2	15.0	14.5	14.6	14.3	14.7	15.8	17.7	18.9	18.0	16.1	17.0	18.1	19.0	18.4
125	21.7	19.2	18.3	18.3	18.2	18.2	17.3	17.0	16.6	16.7	19.4	19.7	22.6	20.9	18.7	19.8	21.2	21.1	21.1
130	21.7	20.8	20.3	19.9	20.5	20.4	19.9	20.3	20.6	20.8	20.9	21.1	23.9	23.3	22.9	23.7	24.4	25.0	25.1
135	27.1	25.9	25.2	24.8	25.5	25.7	25.4	25.5	25.5	25.4	24.4	24.7	27.1	26.6	26.2	26.6	27.3	28.2	28.5
140	27.2	26.4	26.0	25.9	26.4	26.6	26.2	25.9	25.9	26.1	25.4	25.3	27.9	27.5	27.1	27.0	27.8	28.6	28.8
145	27.1	26.3	26.0	25.9	26.5	26.5	26.4	25.9	26.0	25.9	25.3	25.1	27.9	27.7	27.4	27.2	27.7	28.1	28.3
150	26.8	26.0	25.9	25.7	26.0	25.9	25.8	25.4	25.8	25.8	25.2	25.1	27.8	27.8	27.5	27.3	27.6	27.8	27.7
155	26.5	26.1	25.9	25.7	25.7	25.8	25.8	25.8	26.1	26.2	25.9	25.7	28.5	28.5	28.5	28.3	28.5	28.4	28.5
160	27.7	27.5	27.3	27.2	27.1	27.0	27.2	27.3	27.6	27.6	27.5	27.4	30.3	30.4	30.4	30.3	30.3	30.2	30.3
165	32.3	32.1	31.9	31.8	31.8	31.5	31.7	31.7	31.8	31.9	32.0	31.9	33.6	33.9	33.9	33.8	33.5	33.4	33.5
170	36.8	36.7	36.7	36.7	36.5	36.6	36.6	36.6	36.7	36.5	36.5	36.6	36.9	37.0	37.0	36.8	36.5	36.4	36.3
175	42.0	42.0	41.8	41.7	41.8	42.0	42.1	42.0	41.8	41.6	41.7	41.6	40.9	40.9	41.1	41.3	41.2	40.9	40.9
180	41.9	41.9	41.8	41.9	42.0	42.1	42.0	42.0	41.9	42.0	41.9	41.9	42.0	42.0	41.9	42.0	42.0	42.1	42.1

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	6053	6053	6053	6053	6053														
5	6047	6049	6054	6058	6050														
10	6025	6022	6031	6036	6024														
15	5968	5970	5970	5971	5945														
20	5856	5856	5856	5847	5808														
25	5716	5727	5730	5707	5633														
30	5431	5466	5475	5463	5394														
35	4478	4558	4567	4654	4659														
40	3311	3418	3385	3487	3514														
45	2009	2104	2164	2275	2318														
50	1060	1124	1136	1148	1198														
55	705	753	712	724	794														
60	446	477	437	461	507														
65	300	295	276	275	310														
70	174	173	162	167	195														
75	99.6	105	94.3	96.8	113														
80	49.4	52.9	49.1	50.8	56.6														
85	25.3	26.7	24.7	26.9	28.8														
90	13.1	13.6	13.0	13.2	13.7														
95	13.5	13.2	12.8	12.3	12.0														
100	15.5	16.0	15.9	16.1	15.4														
105	14.9	14.8	15.4	15.7	15.4														
110	13.6	13.7	14.4	14.8	15.6														
115	14.2	14.3	14.9	15.3	15.5														
120	18.1	17.6	20.2	20.1	20.6														
125	20.8	20.6	22.7	23.4	24.1														
130	25.5	25.5	26.5	25.4	25.5														
135	28.8	29.5	30.9	30.0	30.3														
140	29.0	29.7	31.0	30.6	30.6														
145	28.6	29.3	30.5	30.4	30.3														
150	28.0	28.6	29.4	29.7	29.9														
155	28.8	29.2	29.4	29.6	29.5														
160	30.6	30.7	30.9	30.8	30.6														
165	33.5	33.6	33.6	33.5	33.5														
170	36.3	36.4	36.6	36.6	36.7														
175	40.7	40.8	40.9	40.9	40.8														
180	42.1	42.0	42.1	42.0	42.0														

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: