

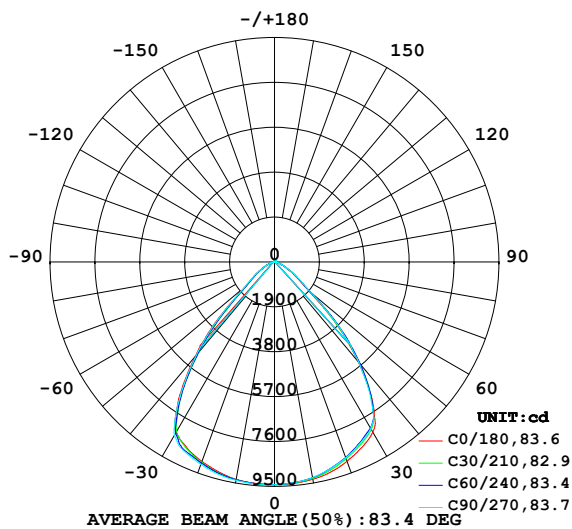
## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## LUMINAIRE PHOTOMETRIC TEST REPORT

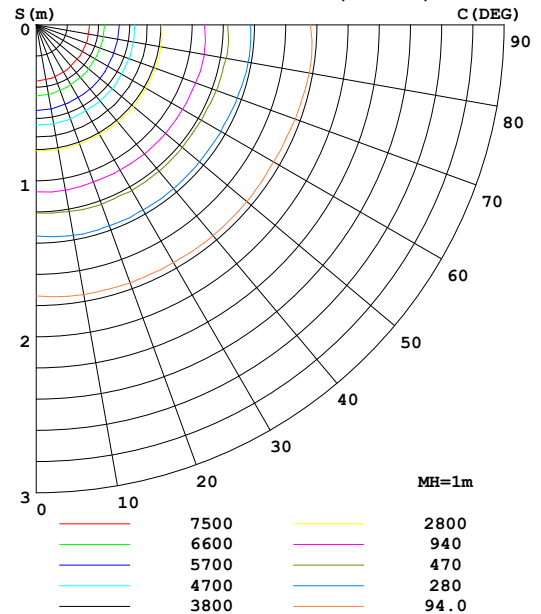
Test:U:229.9V I:0.676A P:151.1W PF:0.972 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0		Lamp Flux:16483.8x1 lm
NAME: P301-B4K (150W with PC transparent reflector) TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.09 lm/W			
MODEL	/	Imax (cd)	9437	S/MH (C0/180)	1.19
NOMINAL POWER (W)	/	LOR (%)	100.0	S/MH (C90/270)	1.18
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	16484	$\eta$ UP,DN (C0-180)	0.6,50.2
NOMINAL FLUX (lm)	16483.8	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.6,48.6
LAMPS INSIDE	1	$\eta$ up (%)	1.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	/	$\eta$ down (%)	98.8	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT:lx)



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

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	9337	9295	9269	9309	9344	9366	9381	9394	0- 10	895.7	895.7	5.43,5.43
20	8976	8850	8824	8891	8980	9031	9113	9121	10- 20	2596	3492	21.2,21.2
30	8318	8196	8149	8299	8325	8298	8463	8528	20- 30	4014	7505	45.5,45.5
40	5507	5731	5561	5549	5205	4929	5152	5272	30- 40	4368	11874	72,72
50	1860	2019	2045	1870	1601	1487	1611	1769	40- 50	2660	14534	88.2,88.2
60	757.2	810.0	808.4	779.6	706.7	694.0	689.3	680.8	50- 60	1053	15587	94.6,94.6
70	288.5	332.6	309.2	288.2	267.2	256.4	247.6	252.4	60- 70	471.2	16058	97.4,97.4
80	92.40	100.9	94.18	90.53	80.31	76.63	74.54	76.49	70- 80	179.6	16238	98.5,98.5
90	20.96	22.65	22.33	21.91	22.02	20.01	20.54	20.32	80- 90	51.49	16289	98.8,98.8
100	23.39	21.02	22.51	23.23	27.40	22.40	26.61	24.71	90-100	22.54	16312	99,99
110	22.47	21.36	21.39	19.50	22.10	19.59	20.98	22.51	100-110	24.11	16336	99.1,99.1
120	27.71	22.86	22.58	22.92	29.46	26.54	28.70	31.53	110-120	22.23	16358	99.2,99.2
130	33.86	31.01	30.97	32.34	37.28	36.85	39.15	41.34	120-130	27.66	16386	99.4,99.4
140	42.40	40.31	40.83	40.61	43.41	42.12	44.89	48.22	130-140	31.50	16417	99.6,99.6
150	41.71	40.03	40.25	40.25	43.31	42.55	43.13	45.85	140-150	26.74	16444	99.8,99.8
160	43.19	42.36	42.37	43.01	47.17	47.20	47.24	48.11	150-160	19.82	16464	99.9,99.9
170	57.37	57.13	56.94	56.93	57.44	57.27	56.47	56.98	160-170	14.23	16478	100,100
180	65.33	65.26	65.49	65.48	65.47	65.39	65.63	65.63	170-180	5.860	16484	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 13508 lm

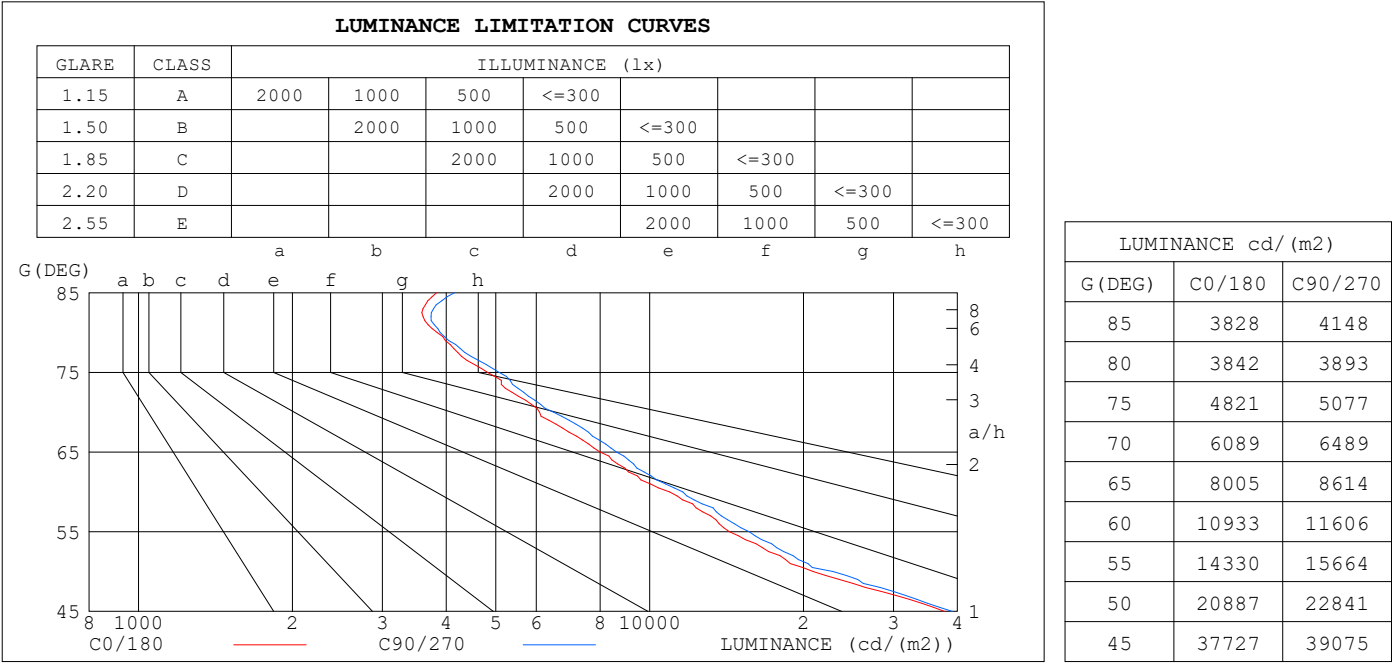
%lum = 81.9%  
%lamp = 81.9%

Conical surface Flux(120deg): 15587 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



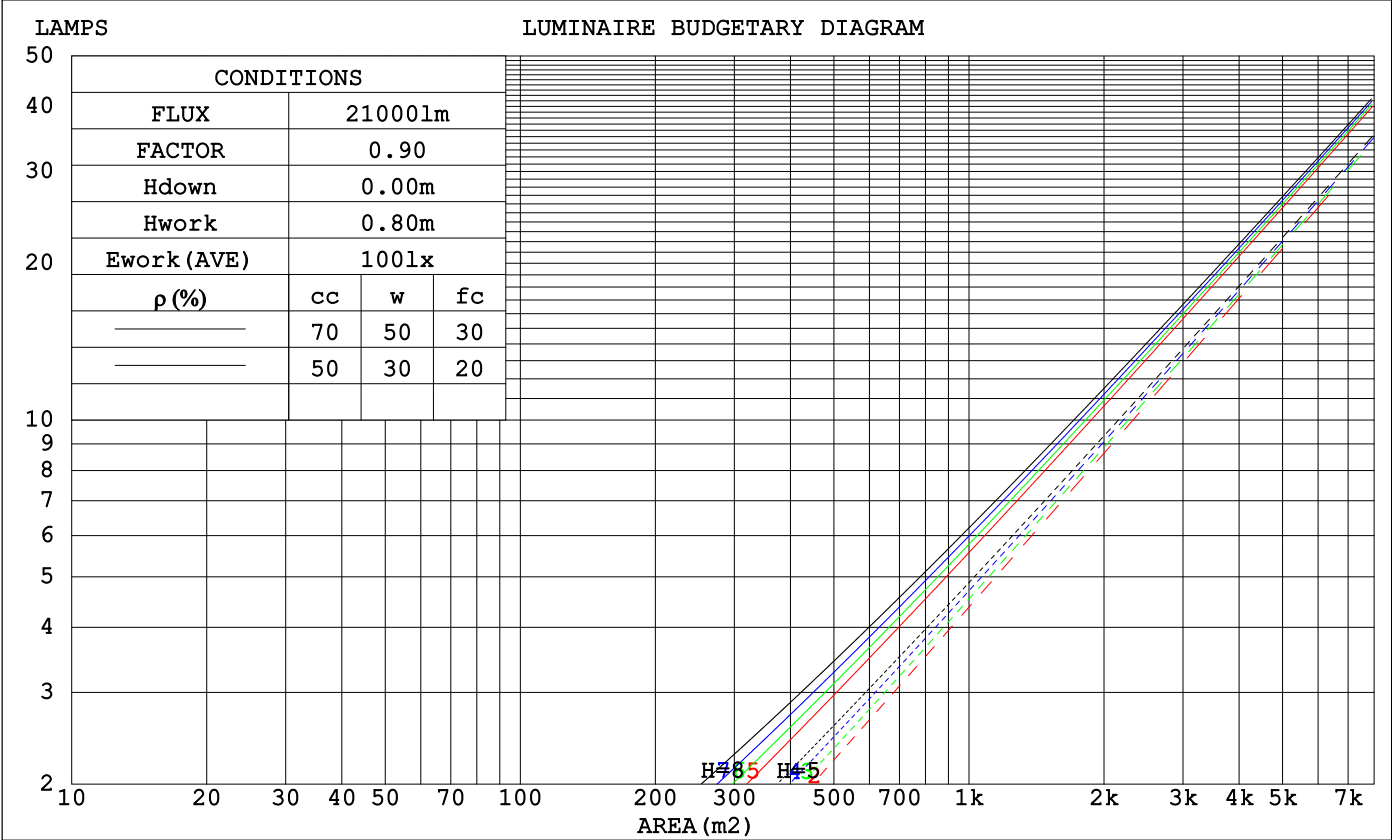
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:ZZX  
Test Date:2024-06-14

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	18.4	19.6	18.7	19.9	20.3	18.0	19.3	18.4	19.6	20.0
3H	18.9	20.0	19.3	20.3	20.7	18.7	19.8	19.1	20.1	20.5
4H	19.0	20.0	19.5	20.4	20.8	18.9	19.9	19.3	20.3	20.7
6H	19.1	20.0	19.5	20.4	20.8	18.9	19.9	19.4	20.3	20.7
8H	19.1	20.0	19.5	20.4	20.8	18.9	19.8	19.4	20.2	20.7
12H	19.1	19.9	19.5	20.3	20.8	18.9	19.8	19.4	20.2	20.6
4H 2H	18.5	19.6	19.0	19.9	20.3	18.2	19.2	18.6	19.6	20.0
3H	19.2	20.0	19.7	20.5	20.9	18.9	19.8	19.4	20.2	20.6
4H	19.4	20.1	19.9	20.6	21.1	19.2	19.9	19.6	20.3	20.8
6H	19.5	20.2	20.0	20.6	21.1	19.3	19.9	19.8	20.4	20.9
8H	19.6	20.1	20.0	20.6	21.1	19.3	19.9	19.8	20.4	20.9
12H	19.6	20.1	20.1	20.6	21.1	19.4	19.9	19.9	20.4	20.9
8H 4H	19.4	20.0	19.9	20.5	21.0	19.2	19.8	19.7	20.2	20.7
6H	19.6	20.1	20.1	20.6	21.1	19.3	19.8	19.9	20.3	20.8
8H	19.7	20.1	20.2	20.6	21.1	19.4	19.8	19.9	20.4	20.9
12H	19.7	20.1	20.2	20.6	21.2	19.5	19.9	20.0	20.4	21.0
12H 4H	19.4	19.9	19.9	20.4	20.9	19.1	19.6	19.6	20.2	20.7
6H	19.6	20.0	20.1	20.5	21.1	19.3	19.7	19.9	20.2	20.8
8H	19.7	20.0	20.2	20.6	21.2	19.4	19.8	19.9	20.3	20.9
CIE190: 2010										

CIE190: 2010  
Area: 0.1392 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

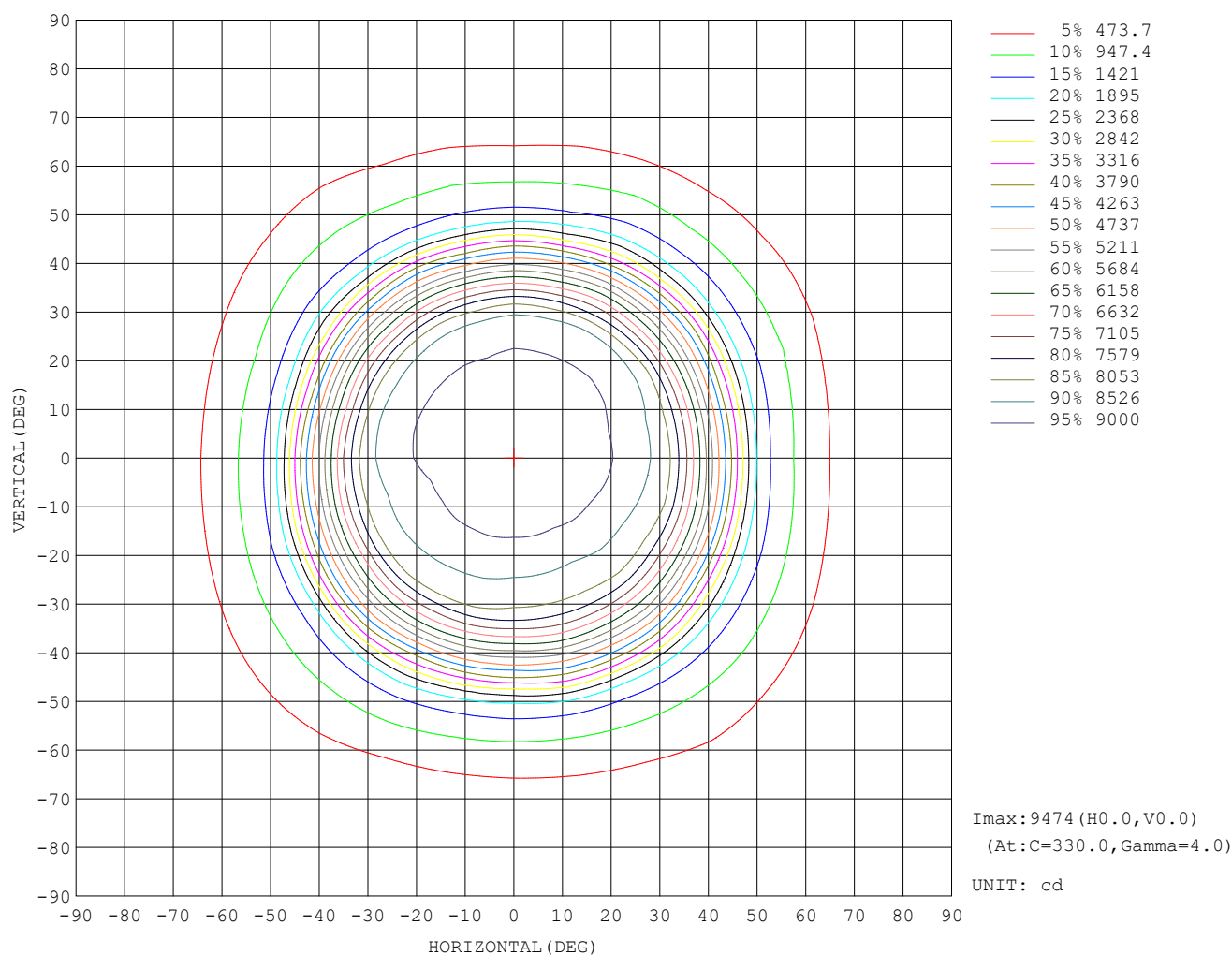
## UTILIZATION FACTORS TABLE

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

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

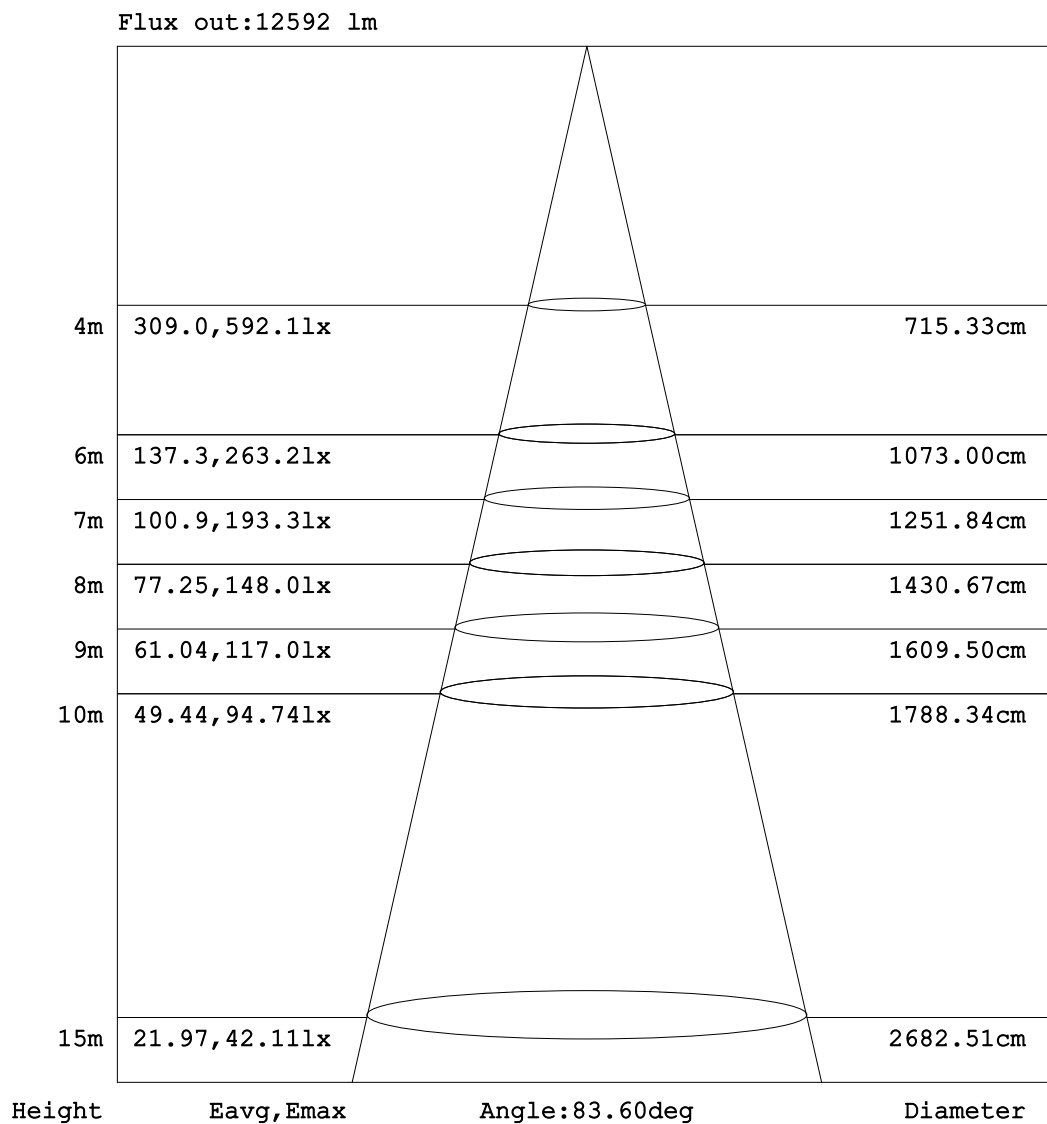


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2024-06-14

$\gamma$  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:



## AAI Figure

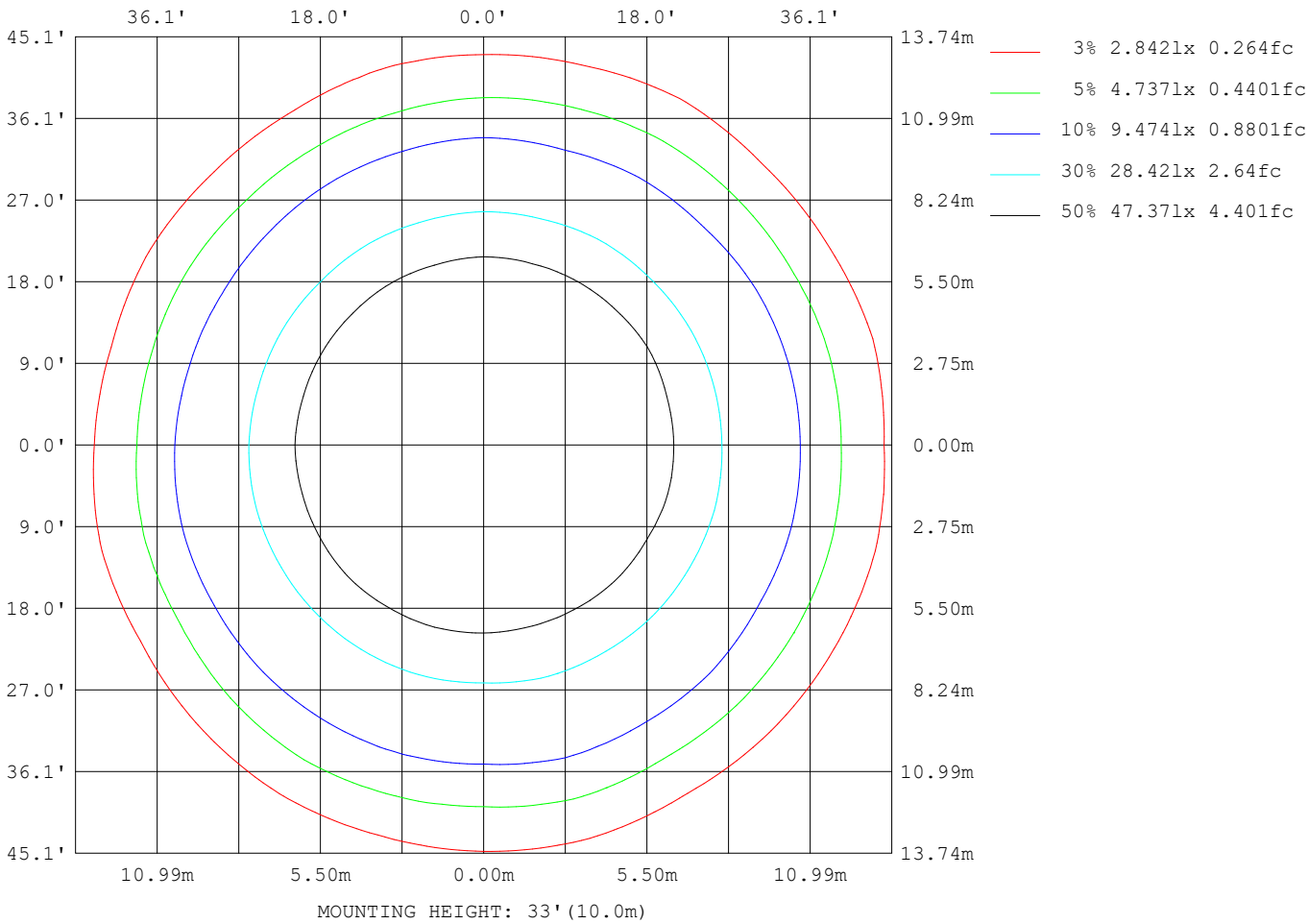


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:

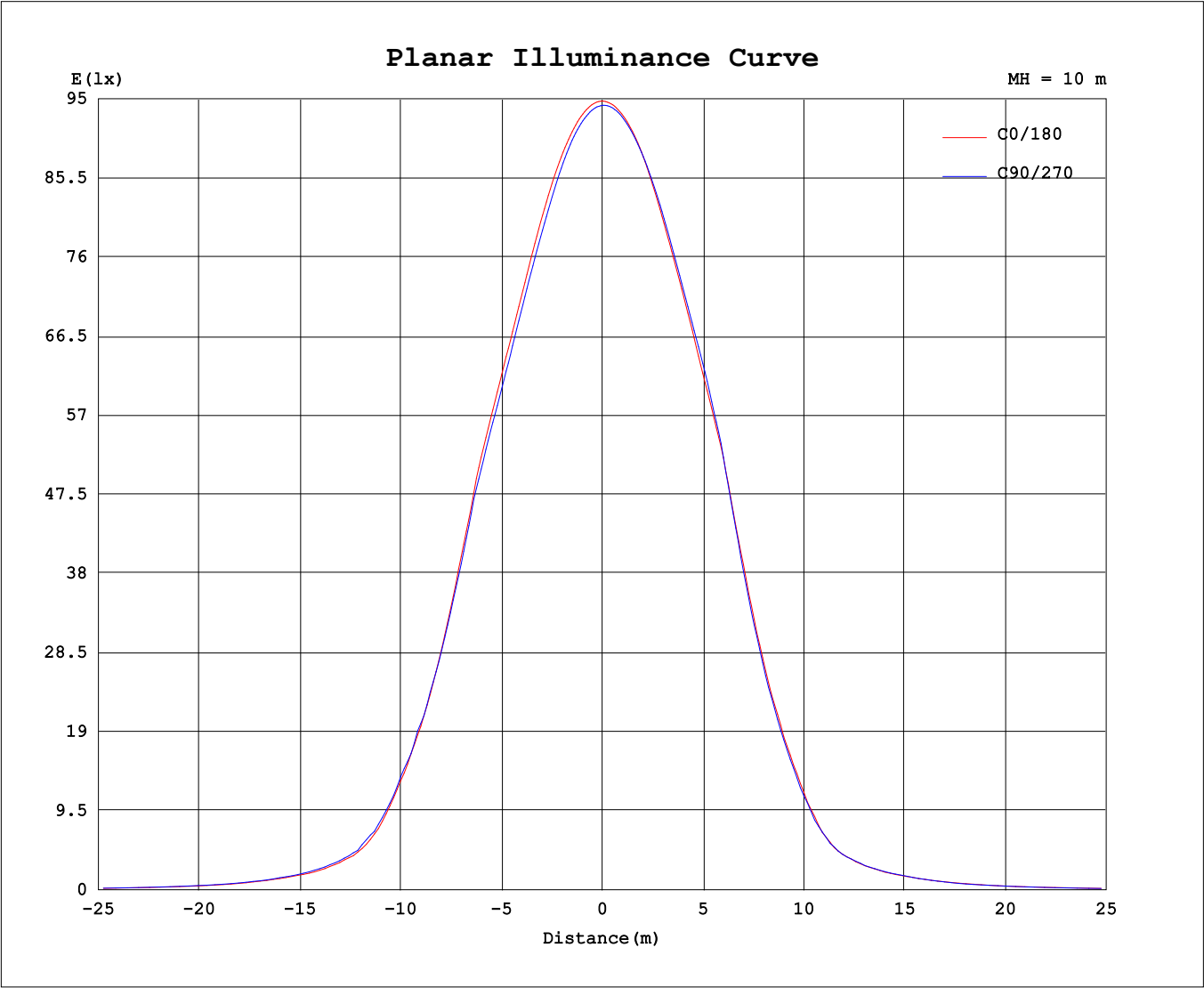
ISOLUX DIAGRAM



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	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:

# 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	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428	9428
5	9406	9401	9393	9394	9377	9381	9379	9385	9386	9395	9396	9398	9406	9413	9419	9420	9412	9419	9429
10	9337	9329	9302	9295	9271	9277	9269	9278	9292	9309	9314	9326	9344	9357	9362	9366	9361	9369	9381
15	9207	9174	9124	9111	9066	9069	9067	9088	9101	9127	9130	9158	9192	9215	9233	9241	9251	9266	9290
20	8976	8933	8861	8850	8808	8817	8824	8854	8860	8891	8896	8929	8980	9011	9017	9031	9056	9052	9113
25	8689	8640	8558	8549	8472	8481	8503	8568	8587	8626	8656	8676	8713	8741	8746	8803	8854	8820	8899
30	8318	8267	8193	8196	8119	8117	8149	8267	8283	8299	8310	8299	8325	8305	8288	8298	8362	8314	8463
35	7244	7269	7200	7270	7212	7198	7126	7199	7155	7201	7128	7155	7075	6850	6888	6775	6861	6902	6971
40	5507	5664	5622	5731	5659	5675	5561	5600	5532	5549	5448	5361	5205	5052	4984	4929	5017	4988	5152
45	3695	3717	3687	3848	3868	3909	3849	3752	3618	3695	3559	3499	3301	3055	2884	2941	3059	3067	3197
50	1860	1921	1976	2019	1988	2110	2045	1959	1974	1870	1729	1706	1601	1510	1494	1487	1514	1548	1611
55	1139	1240	1244	1226	1218	1244	1252	1215	1231	1190	1104	1145	1055	1007	1026	1022	1020	1085	1074
60	757	801	812	810	802	834	808	787	785	780	737	735	707	645	670	694	659	686	689
65	469	490	501	527	508	520	507	488	462	475	466	464	446	412	416	439	428	449	435
70	288	296	313	333	311	310	309	307	284	288	277	280	267	254	249	256	256	250	248
75	173	179	180	197	183	187	183	183	164	172	165	165	150	148	143	148	149	147	145
80	92.4	93.2	97.4	101	93.8	98.5	94.2	92.3	91.3	90.5	88.0	87.9	80.3	81.5	76.1	76.6	78.3	73.6	74.5
85	46.2	46.8	50.0	52.3	48.8	51.5	50.4	50.1	48.6	48.5	48.0	45.0	41.9	41.3	39.8	37.1	40.6	39.0	38.9
90	21.0	21.1	23.1	22.6	21.3	24.0	22.3	22.8	22.1	21.9	22.2	22.3	22.0	20.8	20.5	20.0	21.4	21.3	20.5
95	17.8	17.2	17.0	16.5	17.6	17.7	18.0	17.2	17.4	18.4	19.9	21.2	21.6	21.3	21.3	21.1	21.8	22.1	21.9
100	23.4	21.5	21.6	21.0	21.8	21.9	22.5	22.3	23.2	23.2	26.8	27.5	27.4	24.0	22.6	22.4	25.5	26.3	26.6
105	23.9	22.9	22.7	22.3	22.6	22.4	22.5	21.5	21.2	21.3	23.0	23.4	23.8	21.6	20.9	21.2	22.7	23.4	24.0
110	22.5	22.3	22.6	21.4	21.6	21.3	21.4	20.7	20.1	19.5	20.2	21.1	22.1	20.2	19.1	19.6	20.5	21.1	21.0
115	22.1	21.4	20.9	20.7	20.8	20.4	19.7	20.0	19.4	19.2	20.6	21.9	23.4	22.6	21.0	21.9	22.7	23.6	23.0
120	27.7	25.1	23.4	22.9	23.7	23.4	22.6	22.8	22.3	22.9	24.6	27.6	29.5	28.1	25.1	26.5	28.2	29.5	28.7
125	33.8	29.8	28.6	28.5	28.4	28.3	27.0	26.5	25.9	26.0	30.2	30.7	35.2	32.5	29.1	30.9	33.0	32.9	32.8
130	33.9	32.4	31.6	31.0	32.0	31.7	31.0	31.6	32.1	32.3	32.6	32.9	37.3	36.3	35.7	36.8	38.0	39.0	39.1
135	42.2	40.3	39.3	38.6	39.7	40.1	39.5	39.7	39.7	39.6	38.1	38.4	42.2	41.5	40.8	41.4	42.5	43.9	44.3
140	42.4	41.1	40.4	40.3	41.1	41.5	40.8	40.4	40.3	40.6	39.6	39.4	43.4	42.9	42.3	42.1	43.2	44.5	44.9
145	42.2	41.0	40.4	40.4	41.3	41.3	41.1	40.3	40.5	40.3	39.4	39.0	43.4	43.1	42.7	42.4	43.2	43.8	44.0
150	41.7	40.4	40.4	40.0	40.4	40.3	40.2	39.6	40.1	40.3	39.3	39.0	43.3	43.2	42.8	42.5	43.1	43.3	43.1
155	41.3	40.6	40.3	40.0	40.0	40.1	40.1	40.1	40.6	40.8	40.3	40.1	44.5	44.4	44.4	44.1	44.4	44.3	44.5
160	43.2	42.9	42.5	42.4	42.2	42.0	42.4	42.5	42.9	43.0	42.8	42.7	47.2	47.4	47.4	47.2	47.1	47.1	47.2
165	50.3	50.0	49.8	49.5	49.5	49.1	49.4	49.4	49.6	49.7	49.9	49.7	52.4	52.8	52.9	52.6	52.2	52.1	52.1
170	57.4	57.1	57.1	57.1	56.9	56.9	56.9	57.0	57.1	56.9	56.9	57.0	57.4	57.6	57.6	57.3	56.8	56.7	56.5
175	65.4	65.5	65.1	65.0	65.1	65.4	65.6	65.4	65.0	64.8	65.0	64.8	63.7	63.8	64.0	64.3	64.2	63.7	63.7
180	65.3	65.3	65.1	65.3	65.4	65.5	65.5	65.5	65.3	65.5	65.3	65.3	65.5	65.4	65.3	65.4	65.5	65.6	65.6

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	9428	9428	9428	9428	9428														
5	9419	9423	9430	9437	9423														
10	9385	9381	9394	9402	9383														
15	9297	9298	9298	9300	9259														
20	9122	9122	9121	9107	9047														
25	8904	8921	8926	8889	8774														
30	8459	8514	8528	8509	8402														
35	6976	7100	7113	7250	7257														
40	5157	5324	5272	5431	5474														
45	3129	3277	3371	3543	3610														
50	1651	1751	1769	1788	1866														
55	1097	1173	1109	1128	1237														
60	695	743	681	718	790														
65	468	460	430	428	482														
70	271	270	252	261	303														
75	155	164	147	151	176														
80	76.9	82.4	76.5	79.1	88.2														
85	39.4	41.5	38.4	41.9	44.8														
90	20.5	21.2	20.3	20.6	21.4														
95	21.1	20.5	19.9	19.2	18.6														
100	24.1	24.9	24.7	25.1	24.0														
105	23.3	23.0	24.0	24.5	24.0														
110	21.1	21.4	22.5	23.1	24.3														
115	22.1	22.3	23.3	23.8	24.2														
120	28.2	27.5	31.5	31.3	32.1														
125	32.4	32.0	35.4	36.5	37.6														
130	39.7	39.6	41.3	39.6	39.8														
135	44.9	45.9	48.1	46.7	47.3														
140	45.1	46.3	48.2	47.6	47.6														
145	44.5	45.7	47.5	47.4	47.2														
150	43.6	44.5	45.9	46.2	46.6														
155	44.8	45.5	45.8	46.1	46.0														
160	47.6	47.8	48.1	47.9	47.7														
165	52.2	52.3	52.4	52.2	52.2														
170	56.5	56.7	57.0	57.0	57.1														
175	63.3	63.6	63.7	63.7	63.5														
180	65.6	65.4	65.6	65.5	65.5														

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: