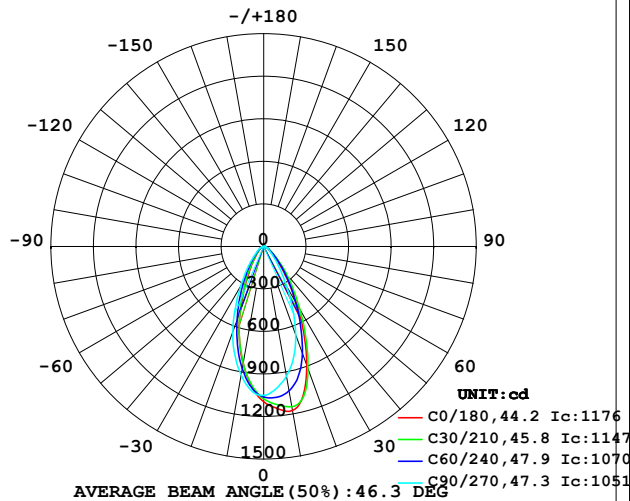


LUMINAIRE PHOTOMETRIC TEST REPORT

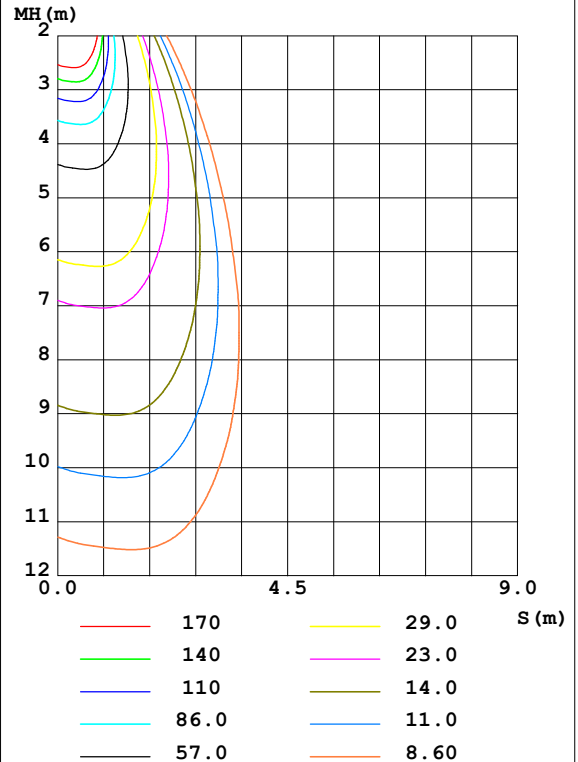
Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 41.59 lm/W			
MODEL	3535	I _{max} (cd)	1176	S/MH (C0/180)	0.59
NOMINAL POWER (W)	23	LOR (%)	100.0	S/MH (C90/270)	0.74
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	890.44	η UP, DN (C0-180)	1.7, 52.0
NOMINAL FLUX (lm)	890.44	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 44.9
LAMPS INSIDE	1	η up (%)	3.2	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	24	η down (%)	96.8	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1175	1090	929.2	811.0	840.3	856.2	920.7	1019	0- 10	95.77	95.77	10.8,10.8
20	892.0	856.2	661.1	497.1	487.5	523.2	639.2	783.9	10- 20	228.8	324.6	36.4,36.4
30	462.2	479.4	327.8	214.0	204.2	253.3	327.7	396.8	20- 30	223.3	547.9	61.5,61.5
40	198.1	231.7	137.9	91.99	87.04	110.5	147.5	166.8	30- 40	141.3	689.2	77.4,77.4
50	82.06	97.31	66.72	49.49	45.32	52.91	66.61	75.50	40- 50	77.80	767.0	86.1,86.1
60	42.30	46.78	38.92	31.02	27.50	29.99	36.14	40.02	50- 60	44.46	811.5	91.1,91.1
70	25.80	26.59	22.68	18.46	15.59	16.46	19.91	22.81	60- 70	27.97	839.5	94.3,94.3
80	14.73	14.10	10.50	8.593	6.405	6.537	8.039	11.08	70- 80	16.12	855.6	96.1,96.1
90	6.485	5.463	3.463	4.292	2.760	2.254	1.086	2.903	80- 90	6.807	862.4	96.8,96.8
100	3.875	3.757	3.533	4.101	3.026	2.598	1.537	1.554	90-100	3.387	865.8	97.2,97.2
110	3.753	3.701	3.654	4.109	3.655	3.249	2.266	1.995	100-110	3.301	869.1	97.6,97.6
120	3.854	3.922	4.086	4.551	4.605	4.156	3.220	2.774	110-120	3.526	872.6	98,98
130	4.467	4.568	4.896	5.425	5.625	5.144	4.306	3.802	120-130	3.853	876.5	98.4,98.4
140	5.542	5.588	5.967	6.508	6.479	6.006	5.311	4.893	130-140	4.069	880.5	98.9,98.9
150	6.829	6.699	6.936	7.370	6.996	6.601	6.040	5.807	140-150	3.905	884.4	99.3,99.3
160	7.809	7.518	7.544	7.679	7.247	7.011	6.553	6.358	150-160	3.207	887.6	99.7,99.7
170	8.232	7.898	7.790	7.578	7.640	7.458	7.116	6.777	160-170	2.081	889.7	99.9,99.9
180	8.222	8.021	7.825	7.451	8.252	8.011	7.755	7.421	170-180	0.7278	890.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 734.06 lm

%lum = 82.4%

%lamp = 82.4%

Conical surface Flux(120deg): 811.49 lm

%lum = 91.1%

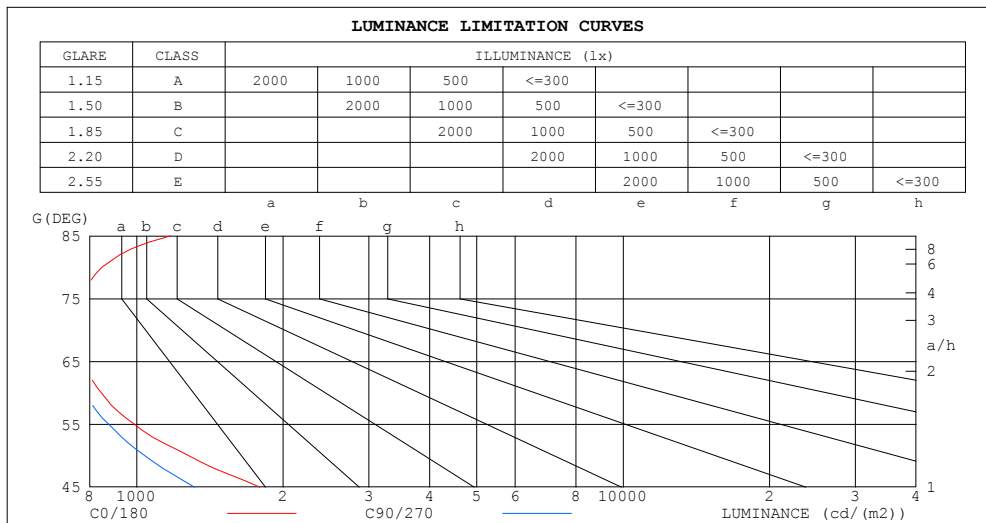
%lamp = 91.1%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1173	670
80	848	605
75	769	627
70	754	663
65	780	712
60	846	778
55	988	875
50	1277	1038
45	1789	1314

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```

WEC AND CCEC

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm					
NAME: LED Wall Grazer			TYPE:		WEIGHT:
SPEC.:			DIM.: 18.5MM*18.5MM		SERIAL No.:
MFR.:			SUR.:1.0*0.0185		Shielding Angle:

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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.211	.120	.038	.203	.116	.037	.189	.108	.035	.175	.101	.032	.163	.095	.030		
2.0	.199	.109	.033	.192	.106	.033	.180	.100	.031	.168	.094	.030	.158	.089	.028		
3.0	.187	.099	.030	.181	.097	.029	.170	.092	.028	.160	.088	.027	.151	.083	.026		
4.0	.175	.091	.027	.170	.089	.026	.161	.085	.025	.152	.082	.025	.144	.078	.024		
5.0	.165	.084	.024	.161	.082	.024	.152	.079	.023	.144	.076	.023	.137	.073	.022		
6.0	.156	.078	.022	.152	.077	.022	.144	.074	.022	.137	.071	.021	.131	.069	.020		
7.0	.147	.073	.021	.144	.072	.020	.137	.069	.020	.131	.067	.020	.125	.065	.019		
8.0	.140	.068	.019	.137	.067	.019	.131	.065	.019	.125	.063	.018	.119	.061	.018		
9.0	.133	.064	.018	.130	.063	.018	.124	.062	.017	.119	.060	.017	.114	.058	.017		
10.0	.127	.061	.017	.124	.060	.017	.119	.058	.016	.114	.057	.016	.110	.055	.016		

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						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023		
1.0	.198	.181	.166	.169	.156	.143	.116	.107	.099	.067	.062	.058	.021	.020	.019		
2.0	.184	.157	.134	.158	.135	.115	.108	.093	.081	.062	.054	.047	.020	.018	.015		
3.0	.173	.138	.111	.148	.119	.096	.102	.083	.067	.059	.048	.040	.019	.016	.013		
4.0	.163	.124	.094	.140	.107	.082	.096	.075	.057	.056	.044	.034	.018	.014	.011		
5.0	.155	.113	.082	.133	.097	.071	.092	.068	.050	.053	.040	.030	.017	.013	.010		
6.0	.147	.104	.072	.127	.090	.063	.087	.063	.045	.051	.037	.026	.016	.012	.009		
7.0	.141	.096	.065	.121	.083	.057	.084	.059	.040	.049	.034	.024	.016	.011	.008		
8.0	.135	.090	.059	.116	.078	.052	.080	.055	.037	.047	.032	.022	.015	.011	.007		
9.0	.130	.085	.055	.112	.074	.048	.077	.052	.034	.045	.031	.020	.015	.010	.007		
10.0	.125	.081	.051	.107	.070	.045	.075	.049	.032	.043	.029	.019	.014	.010	.006		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm											
NAME: LED Wall Grazer						TYPE:		WEIGHT:			
SPEC.:						DIM.: 18.5MM*18.5MM		SERIAL No.:			
MFR.:						SUR.:1.0*0.0185		Shielding Angle:			
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		12.5	13.5	12.7	13.7	14.0	11.6	12.6	11.8	12.8	13.1
	3H	13.0	13.9	13.3	14.2	14.4	12.1	13.1	12.4	13.3	13.6
	4H	13.2	14.2	13.6	14.4	14.7	12.4	13.3	12.7	13.6	13.9
	6H	13.6	14.4	13.9	14.7	15.0	12.6	13.5	13.0	13.8	14.1
	8H	13.7	14.6	14.1	14.9	15.2	12.7	13.5	13.1	13.8	14.2
	12H	13.9	14.7	14.3	15.0	15.4	12.8	13.6	13.2	13.9	14.2
4H	2H	12.6	13.5	12.9	13.8	14.0	11.8	12.7	12.1	13.0	13.3
	3H	13.3	14.1	13.6	14.4	14.7	12.6	13.3	12.9	13.7	14.0
	4H	13.7	14.4	14.1	14.8	15.2	13.0	13.7	13.4	14.0	14.4
	6H	14.2	14.8	14.6	15.2	15.6	13.3	14.0	13.8	14.4	14.8
	8H	14.5	15.0	14.9	15.5	15.9	13.5	14.1	13.9	14.5	14.9
	12H	14.8	15.3	15.2	15.7	16.2	13.6	14.2	14.1	14.6	15.1
8H	4H	13.8	14.4	14.3	14.8	15.3	13.2	13.7	13.6	14.2	14.6
	6H	14.5	15.0	15.0	15.4	15.9	13.7	14.2	14.2	14.6	15.1
	8H	14.9	15.3	15.4	15.8	16.3	14.0	14.4	14.5	14.9	15.4
	12H	15.3	15.7	15.9	16.2	16.7	14.2	14.6	14.7	15.1	15.6
12H	4H	13.8	14.4	14.3	14.8	15.3	13.2	13.7	13.6	14.1	14.6
	6H	14.6	15.0	15.1	15.5	16.0	13.8	14.2	14.3	14.7	15.2
	8H	15.0	15.4	15.5	15.9	16.4	14.1	14.5	14.6	15.0	15.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 0.9					+ 0.8 / - 0.9					
1.5H	+ 1.1 / - 0.9					+ 0.9 / - 1.0					
2.0H	+ 1.3 / - 0.8					+ 1.0 / - 0.8					

CIE Pub.117, 890.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:

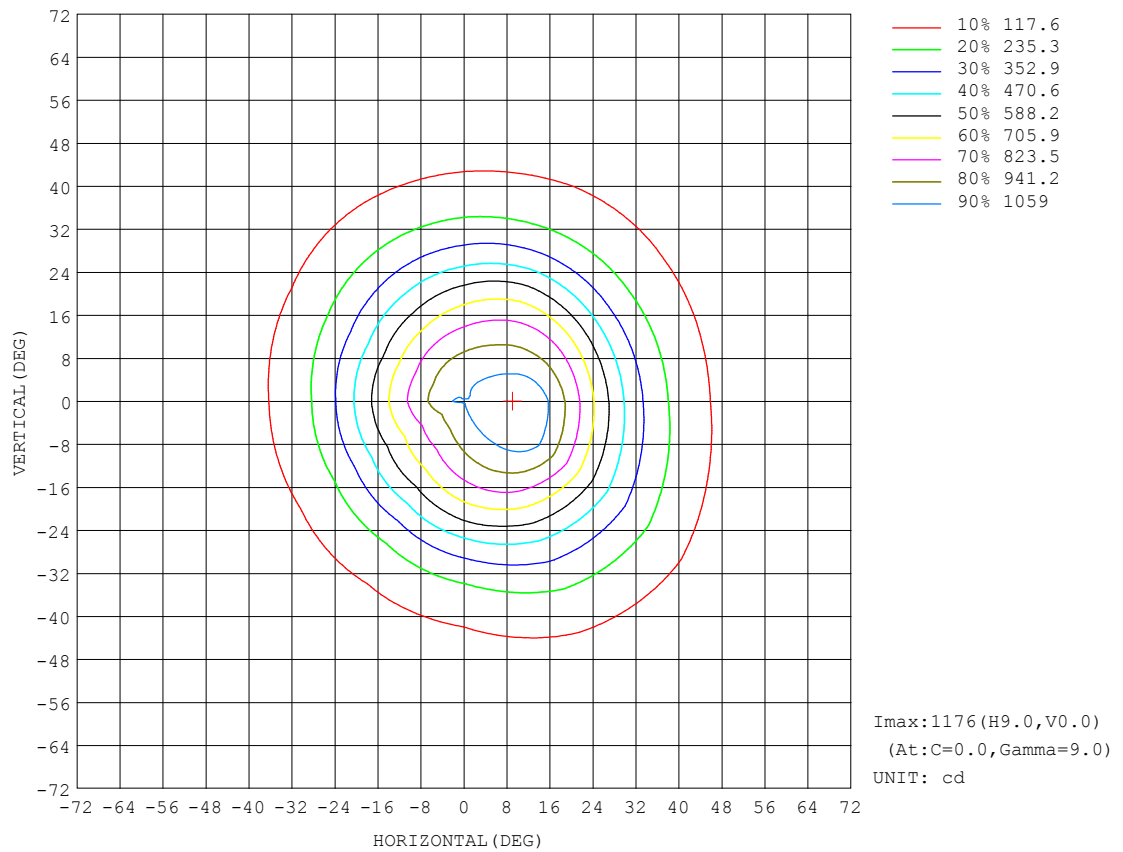
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	78	70	65	77	69	65	76	69	65	60
0.80	86	78	73	85	78	73	83	77	73	68
1.00	91	84	79	90	84	79	88	84	78	73
1.25	96	90	85	95	89	85	93	87	83	78
1.50	100	93	89	98	93	88	95	91	87	81
2.00	104	98	94	102	97	93	99	94	91	85
2.50	106	101	97	104	99	96	100	97	94	86
3.00	108	104	100	106	102	99	102	99	96	88
4.00	111	107	104	108	105	102	104	101	99	91
5.00	112	109	107	110	107	105	105	103	101	92
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:

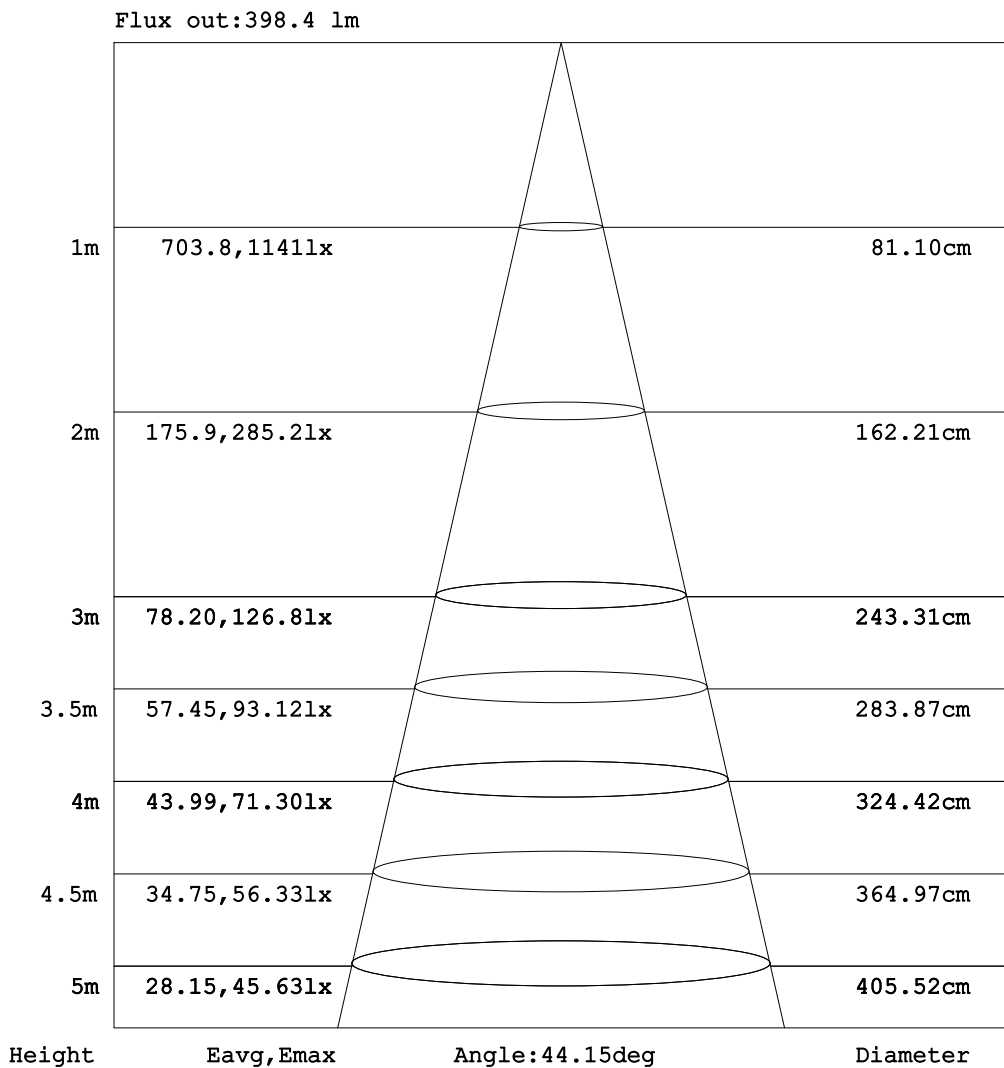


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:



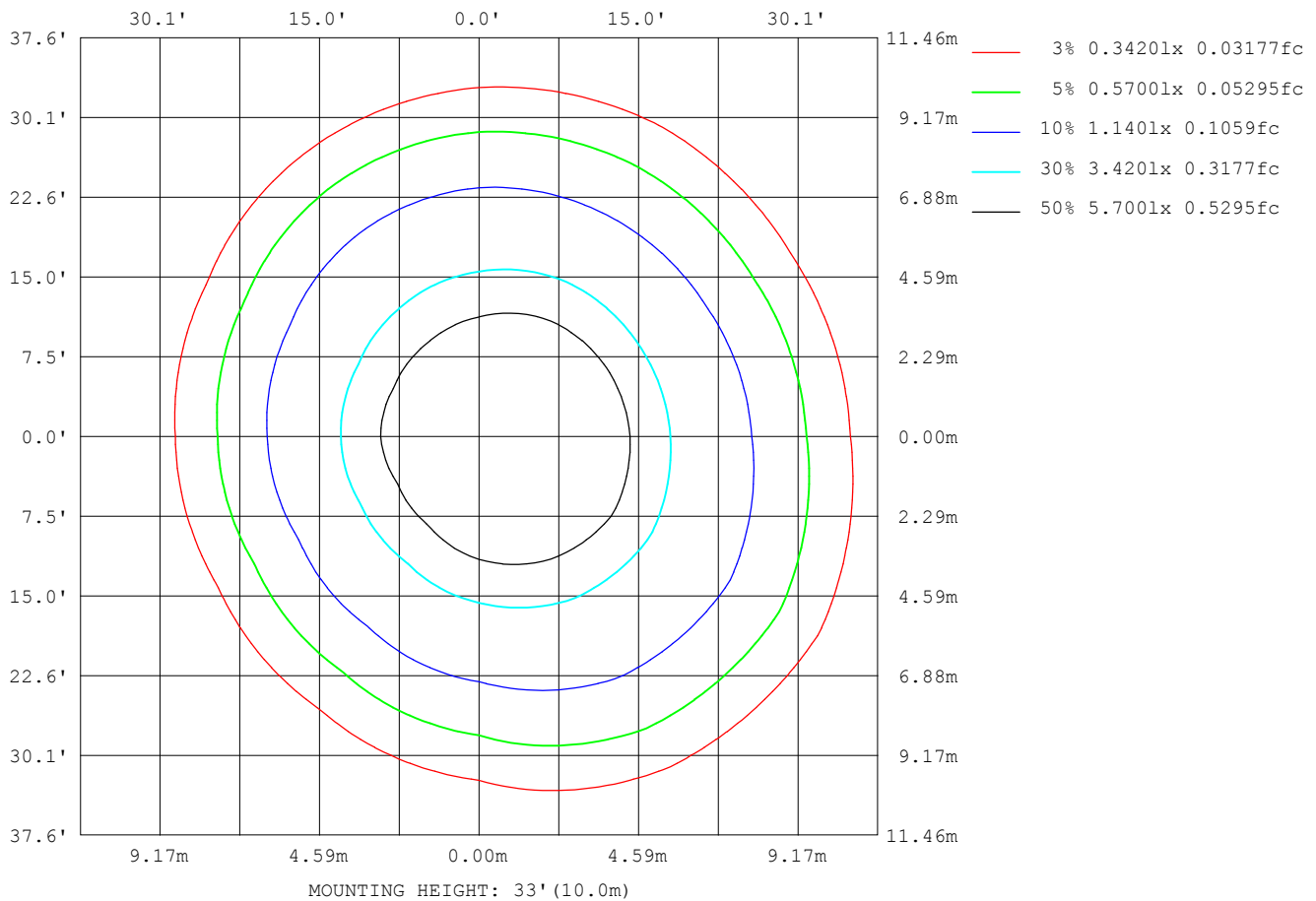
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:

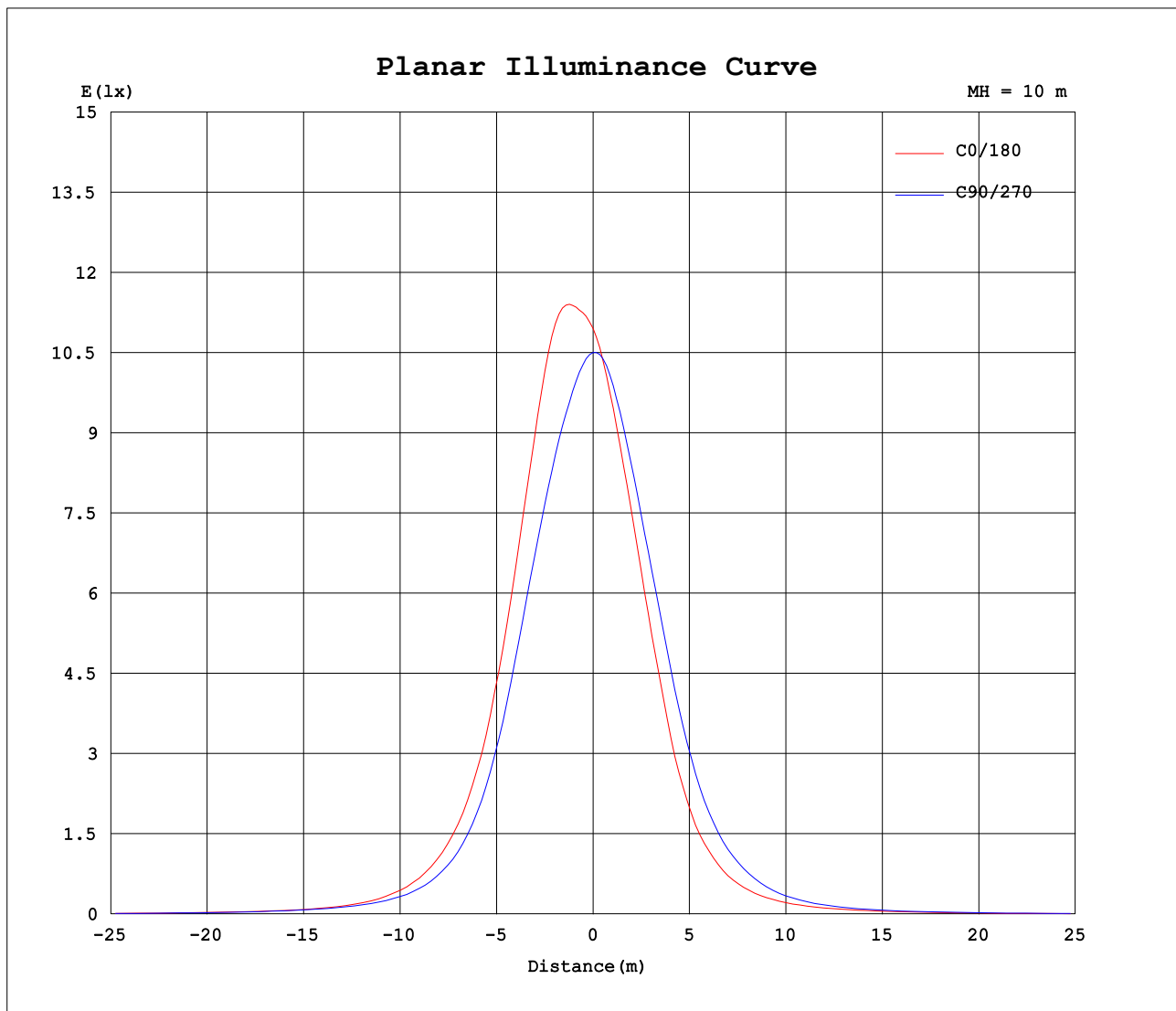
AvgL	cd/m2
L_0~180 (65) av	640
L_0~180 (75) av	590
L_0~180 (85) av	788
L_90~270 (65) av	678
L_90~270 (75) av	576
L_90~270 (85) av	534
L_45 (65) av	666
L_45 (75) av	586
L_45 (85) av	697

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.8920A P:21.41W PF:1.000 Freq:0Hz Lamp Flux:890.44x1 lm																	
NAME: LED Wall Grazer									TYPE:						WEIGHT:		
SPEC.:									DIM.: 18.5MM*18.5MM						SERIAL No.:		
MFR.:									SUR.:1.0*0.0185						Shielding Angle:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1096	1076	1062	1050	1043	1043	1096	1076	1062	1050	1043	1043						
5	1148	1120	1068	1009	954	934	988	981	998	1020	1049	1080						
10	1175	1147	1033	929	830	792	840	837	876	921	978	1059						
15	1082	1093	947	814	689	639	668	668	718	790	876	969						
20	892	914	798	661	524	470	488	494	553	639	745	823						
25	669	702	617	485	361	310	321	341	403	474	563	618						
30	462	510	448	328	233	195	204	229	278	328	379	415						
35	306	360	316	213	151	127	131	149	188	221	243	265						
40	198	246	217	138	100.0	84.0	87.0	96.8	124	147	161	173						
45	127	161	141	92.9	70.3	60.5	61.0	66.5	82.5	97.5	109	113						
50	82.1	103	92.0	66.7	52.6	46.4	45.3	48.4	57.4	66.6	75.2	75.8						
55	56.7	67.4	62.7	50.2	41.2	36.9	35.1	37.0	42.0	48.0	53.7	53.7						
60	42.3	47.8	45.7	38.9	32.5	29.5	27.5	28.2	31.7	36.1	39.9	40.1						
65	32.9	35.7	34.5	30.1	25.3	23.3	21.1	21.5	23.8	27.2	30.2	30.5						
70	25.8	27.3	25.9	22.7	19.1	17.8	15.6	15.7	17.2	19.9	22.5	23.1						
75	19.9	20.6	19.0	16.2	13.6	12.8	10.6	10.6	11.5	13.6	16.0	17.0						
80	14.7	15.0	13.1	10.5	8.73	8.45	6.40	6.30	6.78	8.04	10.4	11.7						
85	10.2	10.2	8.16	5.84	5.13	5.46	3.51	3.35	3.17	3.48	5.73	7.11						
90	6.49	6.30	4.62	3.46	4.06	4.52	2.76	2.55	1.96	1.09	2.27	3.54						
95	4.34	4.15	3.73	3.52	3.97	4.38	2.79	2.62	2.11	1.28	1.37	1.73						
100	3.88	3.82	3.69	3.53	3.91	4.30	3.03	2.86	2.33	1.54	1.52	1.58						
105	3.78	3.77	3.67	3.57	3.89	4.29	3.30	3.14	2.63	1.88	1.72	1.72						
110	3.75	3.74	3.66	3.65	3.89	4.32	3.65	3.51	2.99	2.27	2.03	1.96						
115	3.76	3.78	3.74	3.81	4.06	4.49	4.11	3.95	3.41	2.71	2.41	2.29						
120	3.85	3.93	3.91	4.09	4.32	4.79	4.60	4.42	3.89	3.22	2.86	2.69						
125	4.09	4.17	4.21	4.44	4.70	5.18	5.12	4.92	4.38	3.76	3.37	3.17						
130	4.47	4.53	4.60	4.90	5.18	5.68	5.62	5.41	4.88	4.31	3.92	3.68						
135	4.96	5.00	5.09	5.43	5.72	6.23	6.08	5.84	5.36	4.84	4.47	4.22						
140	5.54	5.54	5.63	5.97	6.26	6.76	6.48	6.23	5.79	5.31	5.02	4.77						
145	6.20	6.14	6.18	6.49	6.76	7.22	6.78	6.52	6.16	5.72	5.49	5.29						
150	6.83	6.73	6.67	6.94	7.18	7.56	7.00	6.74	6.46	6.04	5.89	5.73						
155	7.40	7.23	7.09	7.30	7.46	7.72	7.14	6.94	6.71	6.30	6.18	6.07						
160	7.81	7.62	7.42	7.54	7.60	7.75	7.25	7.10	6.93	6.55	6.41	6.31						
165	8.08	7.89	7.61	7.70	7.63	7.66	7.39	7.25	7.17	6.81	6.62	6.50						
170	8.23	8.05	7.75	7.79	7.62	7.53	7.64	7.46	7.45	7.12	6.86	6.69						
175	8.24	8.12	7.85	7.81	7.62	7.44	7.96	7.75	7.75	7.45	7.20	6.95						
180	8.22	8.13	7.92	7.83	7.54	7.36	8.25	8.03	7.99	7.75	7.56	7.28						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	1096	1076	1062	1050	1043	1043	1096	1076	1062	1050
3.0	1130	1106	1070	1032	997.8	983.9	1039	1025	1034	1043
6.0	1158	1127	1064	994.4	929.3	907.4	961.6	954.6	978.7	1005
9.0	1176	1145	1044	947.9	855.2	822.3	870.6	872.1	901.7	945.0
12.0	1155	1141	1007	885.8	777.0	728.0	773.5	767.3	815.4	872.8
15.0	1082	1093	947.2	814.3	689.3	638.6	667.8	667.8	717.6	790.4
18.0	972.8	998.7	865.2	729.0	592.5	539.5	560.0	559.2	618.1	704.1
21.0	847.5	873.3	762.0	627.7	490.5	437.7	450.2	459.2	520.8	606.9
24.0	714.2	746.7	651.6	522.8	391.6	339.9	348.5	369.0	430.6	506.3
27.0	586.7	622.4	548.0	420.1	303.5	258.2	266.5	287.4	349.0	412.4
30.0	462.2	510.3	448.5	327.8	232.9	195.1	204.2	228.7	277.9	327.7
33.0	362.7	415.5	364.7	254.2	178.9	150.6	157.6	176.1	219.9	258.6
36.0	280.9	334.4	294.9	194.3	138.1	115.6	120.5	136.9	173.5	204.1
39.0	216.1	267.7	234.3	150.6	108.0	90.75	94.61	105.2	135.1	160.7
42.0	164.6	209.9	183.3	117.5	86.00	73.59	75.14	82.67	105.3	124.4
45.0	126.5	161.2	141.4	92.92	70.28	60.47	60.99	66.55	82.45	97.49
48.0	96.50	122.5	108.5	75.63	58.64	51.29	50.72	54.57	65.87	77.03
51.0	75.97	93.73	85.00	62.79	49.93	44.21	42.98	45.76	53.76	62.13
54.0	60.44	72.98	67.06	53.04	43.19	38.63	36.89	39.04	44.55	51.19
57.0	49.89	58.12	54.68	45.14	37.46	33.67	31.78	33.18	37.44	42.76
60.0	42.30	47.83	45.72	38.92	32.53	29.51	27.50	28.25	31.73	36.14
63.0	36.27	39.85	38.47	33.33	28.10	25.56	23.59	24.00	26.75	30.56
66.0	31.30	33.82	32.44	28.46	24.06	22.08	19.91	20.13	22.29	25.71
69.0	27.04	28.78	27.37	24.14	20.31	18.84	16.67	16.73	18.47	21.33
72.0	23.41	24.40	23.18	20.09	16.86	15.71	13.56	13.47	14.81	17.31
75.0	19.89	20.59	19.03	16.23	13.61	12.85	10.63	10.58	11.54	13.58
78.0	16.76	17.16	15.50	12.78	10.57	10.10	7.977	7.873	8.584	10.13
81.0	13.82	14.06	12.10	9.510	7.869	7.724	5.702	5.579	5.956	7.029
84.0	11.06	11.10	9.134	6.711	5.682	5.916	3.960	3.774	3.757	4.265
87.0	8.578	8.492	6.592	4.263	4.346	4.814	2.873	2.741	2.284	1.987
90.0	6.485	6.302	4.624	3.463	4.061	4.523	2.760	2.548	1.960	1.086
93.0	4.949	4.741	3.821	3.498	4.001	4.417	2.719	2.543	2.026	1.186
96.0	4.159	3.995	3.719	3.518	3.955	4.377	2.830	2.658	2.146	1.331
99.0	3.916	3.820	3.694	3.533	3.915	4.302	2.976	2.814	2.287	1.492
102.0	3.835	3.774	3.683	3.543	3.890	4.293	3.127	2.965	2.443	1.658
105.0	3.785	3.766	3.673	3.573	3.888	4.286	3.298	3.141	2.629	1.879
108.0	3.759	3.757	3.663	3.614	3.893	4.292	3.499	3.352	2.845	2.080
111.0	3.751	3.759	3.654	3.679	3.910	4.348	3.740	3.598	3.072	2.346
114.0	3.756	3.754	3.714	3.780	4.010	4.448	4.012	3.854	3.333	2.613
117.0	3.781	3.835	3.794	3.910	4.136	4.599	4.298	4.130	3.605	2.909
120.0	3.854	3.930	3.915	4.086	4.316	4.785	4.605	4.422	3.891	3.220
123.0	3.990	4.066	4.075	4.283	4.537	5.016	4.911	4.718	4.183	3.527
126.0	4.161	4.227	4.276	4.519	4.794	5.273	5.223	5.015	4.484	3.869
129.0	4.381	4.454	4.512	4.805	5.080	5.584	5.525	5.311	4.791	4.195
132.0	4.648	4.705	4.788	5.097	5.386	5.886	5.816	5.578	5.082	4.517
135.0	4.959	5.001	5.090	5.429	5.723	6.233	6.082	5.844	5.363	4.839
138.0	5.301	5.313	5.407	5.750	6.050	6.555	6.333	6.081	5.625	5.136
141.0	5.667	5.660	5.738	6.072	6.376	6.851	6.549	6.297	5.871	5.412
144.0	6.065	6.027	6.060	6.393	6.668	7.132	6.730	6.478	6.087	5.638
147.0	6.462	6.384	6.377	6.685	6.945	7.373	6.876	6.629	6.283	5.844
150.0	6.829	6.730	6.668	6.936	7.181	7.559	6.996	6.744	6.459	6.040
153.0	7.185	7.052	6.929	7.172	7.362	7.705	7.097	6.860	6.619	6.186
156.0	7.492	7.318	7.156	7.353	7.498	7.726	7.167	6.960	6.750	6.352
159.0	7.749	7.554	7.347	7.504	7.594	7.748	7.227	7.061	6.886	6.493
162.0	7.930	7.745	7.498	7.619	7.629	7.739	7.298	7.146	7.022	6.654
165.0	8.081	7.886	7.614	7.700	7.627	7.664	7.388	7.252	7.172	6.809
168.0	8.182	7.991	7.704	7.760	7.624	7.589	7.534	7.373	7.343	6.995
171.0	8.233	8.066	7.780	7.800	7.621	7.513	7.690	7.523	7.509	7.186
174.0	8.238	8.117	7.835	7.810	7.617	7.453	7.886	7.684	7.685	7.377
177.0	8.242	8.127	7.880	7.820	7.614	7.408	8.107	7.860	7.861	7.593
180.0	8.222	8.127	7.916	7.825	7.539	7.363	8.252	8.031	7.991	7.755
G/C	300.0	330.0								
0.0	1043	1043								
3.0	1058	1073								
6.0	1040	1079								
9.0	996.2	1069								
12.0	941.6	1032								
15.0	875.8	968.6								
18.0	801.7	889.1								
21.0	711.8	785.8								
24.0	601.7	660.6								
27.0	485.9	532.5								
30.0	379.0	414.6								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-07-26

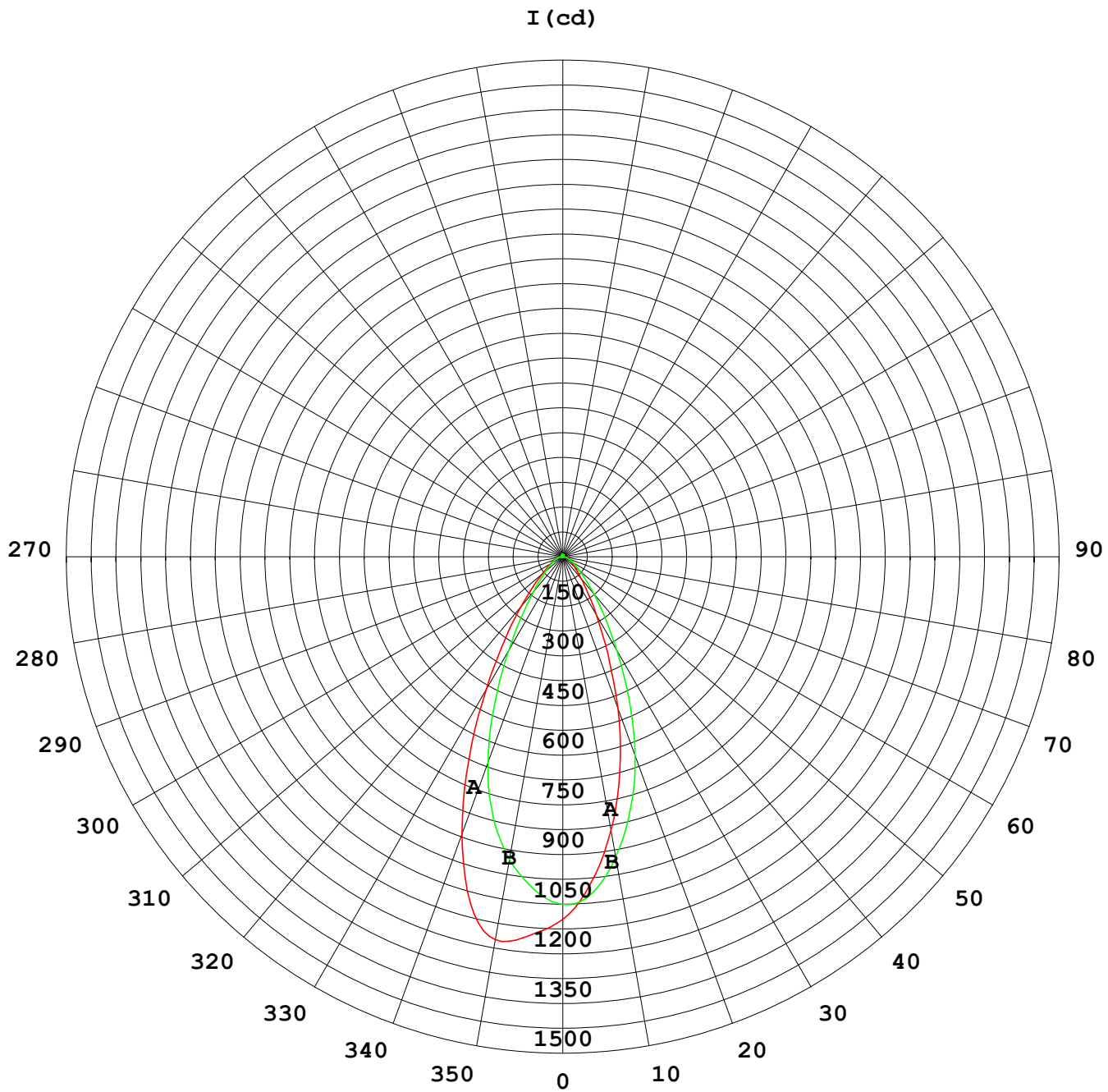
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	289.2	316.2
36.0	222.9	242.6
39.0	174.2	187.8
42.0	137.7	144.9
45.0	109.0	112.5
48.0	86.98	88.15
51.0	70.07	70.53
54.0	57.12	57.44
57.0	47.54	47.67
60.0	39.93	40.11
63.0	33.82	34.14
66.0	28.47	28.96
69.0	23.95	24.48
72.0	19.75	20.73
75.0	15.98	17.04
78.0	12.54	13.81
81.0	9.442	10.78
84.0	6.608	8.001
87.0	4.139	5.580
90.0	2.267	3.538
93.0	1.402	2.199
96.0	1.387	1.629
99.0	1.488	1.582
102.0	1.589	1.588
105.0	1.724	1.718
108.0	1.900	1.849
111.0	2.096	2.015
114.0	2.318	2.221
117.0	2.589	2.442
120.0	2.856	2.693
123.0	3.152	2.969
126.0	3.474	3.256
129.0	3.806	3.582
132.0	4.147	3.899
135.0	4.474	4.216
138.0	4.806	4.552
141.0	5.117	4.864
144.0	5.404	5.191
147.0	5.660	5.482
150.0	5.886	5.729
153.0	6.067	5.950
156.0	6.232	6.136
159.0	6.363	6.272
162.0	6.489	6.387
165.0	6.619	6.498
168.0	6.755	6.624
171.0	6.926	6.734
174.0	7.127	6.890
177.0	7.359	7.086
180.0	7.559	7.282

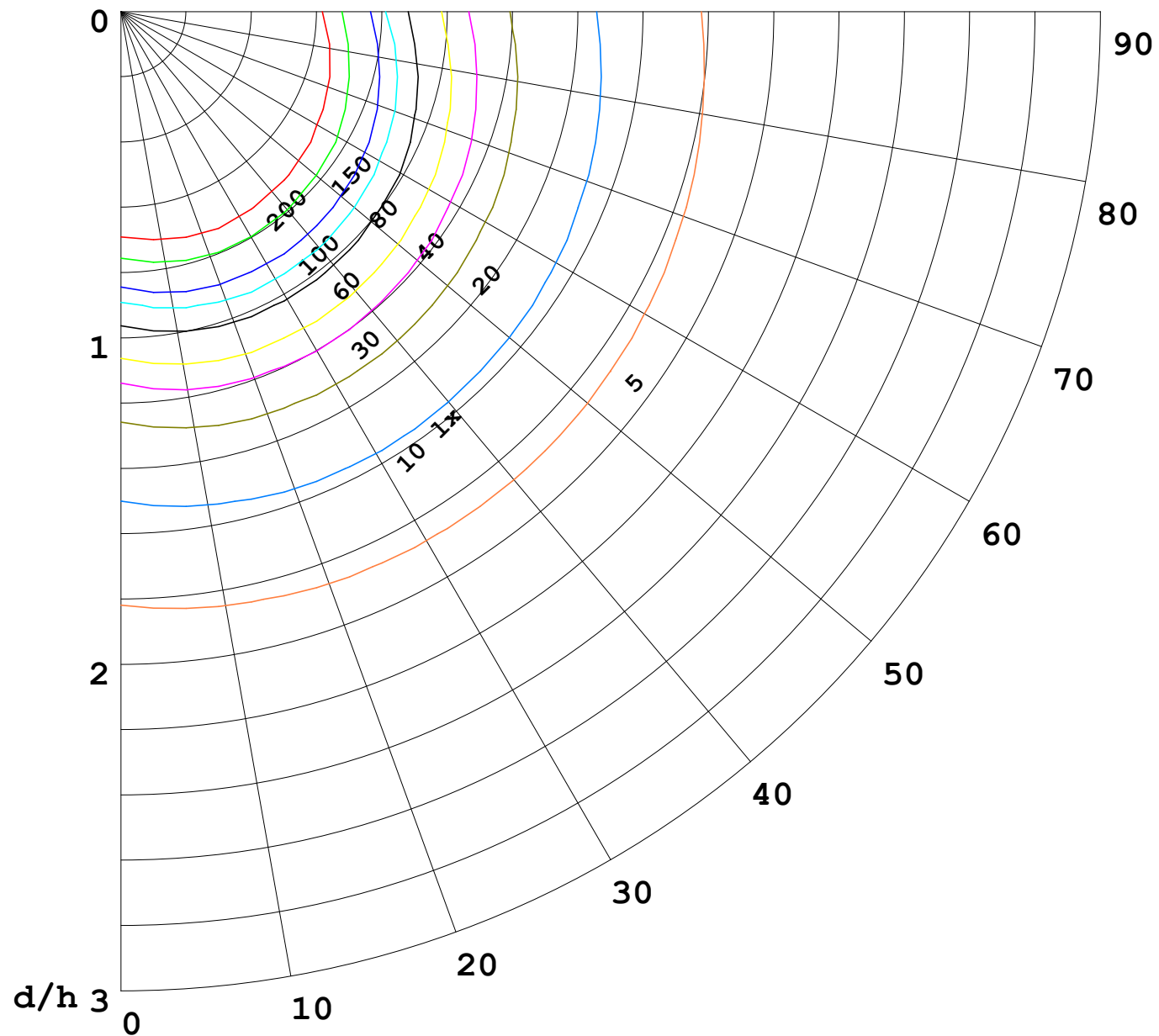
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:



1000 lm

$\kappa = 1$



$F = 5000 \text{ lm}$
 $K = 0.7$
 $H_{cc} = 0.0 \text{ m}$
 $H_{fc} = 0.0 \text{ m}$
 $E_{ave} = 100 \text{ lx}$

	P_{cc}	P_w	P_{fc}
—	70	50	30
—	50	30	20

