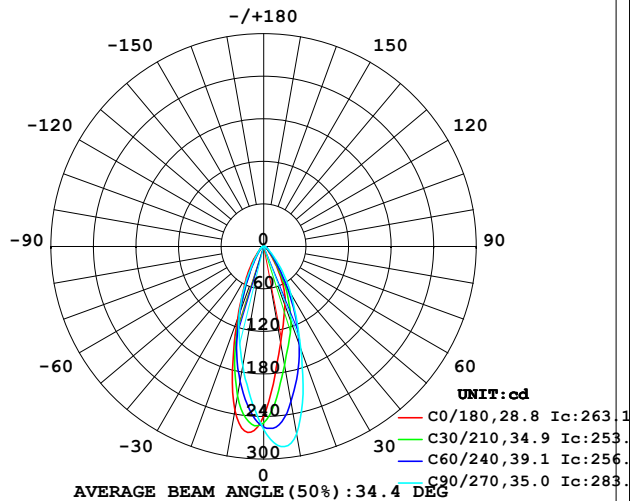


LUMINAIRE PHOTOMETRIC TEST REPORT

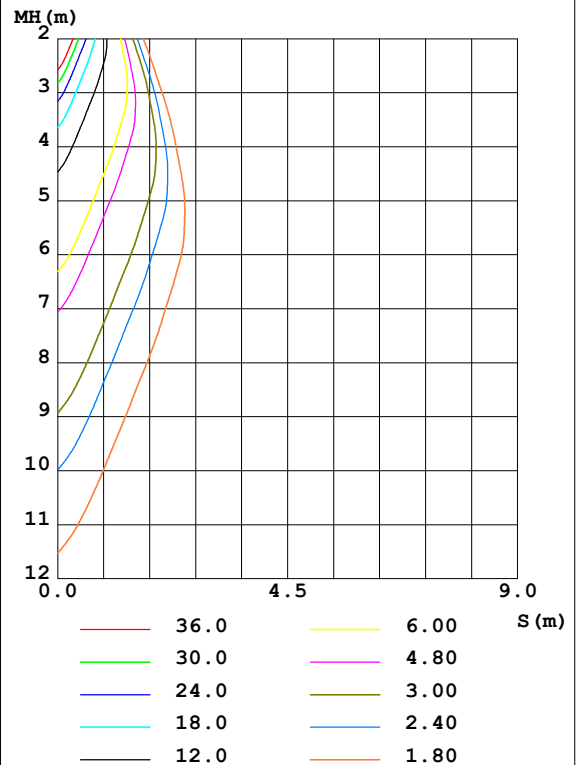
Test:U:24.00V I:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.81x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 28.38 lm/W			
MODEL	3535	I _{max} (cd)	297.6	S/MH (C0/180)	0.62
NOMINAL POWER (W)	23	LOR (%)	100.0	S/MH (C90/270)	0.50
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	149.82	η UP, DN (C0-180)	1.6, 55.2
NOMINAL FLUX (lm)	149.81	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 41.8
LAMPS INSIDE	1	η up (%)	2.9	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	24	η down (%)	97.1	CIBSE SHR MAX	0.55

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	137.9	196.2	268.3	268.0	234.2	203.0	171.3	148.8	0- 10	21.74	21.74	14.5,14.5
20	87.81	129.5	154.2	131.4	108.2	99.15	100.4	94.02	10- 20	43.23	64.97	43.4,43.4
30	44.76	60.47	76.48	68.22	46.87	34.71	38.62	47.56	20- 30	36.28	101.2	67.6,67.6
40	15.88	20.80	32.86	28.51	18.67	13.74	14.79	17.54	30- 40	21.04	122.3	81.6,81.6
50	7.826	9.259	12.24	10.62	7.668	6.815	7.638	8.664	40- 50	10.31	132.6	88.5,88.5
60	5.053	5.423	6.128	5.222	3.962	3.925	4.570	5.264	50- 60	5.908	138.5	92.4,92.5
70	3.349	3.335	3.381	2.867	2.084	2.128	2.590	3.100	60- 70	3.787	142.3	95,95
80	1.946	1.827	1.582	1.362	0.7780	0.8290	1.062	1.480	70- 80	2.184	144.5	96.4,96.4
90	0.8654	0.7489	0.5926	0.6905	0.2844	0.2517	0.1458	0.3720	80- 90	0.9282	145.4	97.1,97.1
100	0.5429	0.5503	0.5905	0.6669	0.3318	0.2933	0.1960	0.2558	90-100	0.4844	145.9	97.4,97.4
110	0.5428	0.5461	0.5884	0.6552	0.4022	0.3970	0.3516	0.3569	100-110	0.4792	146.4	97.7,97.7
120	0.5427	0.5818	0.6283	0.6740	0.5379	0.5580	0.5326	0.5427	110-120	0.5225	146.9	98,98.1
130	0.7184	0.7212	0.7640	0.7714	0.7140	0.7639	0.7486	0.7714	120-130	0.5892	147.5	98.4,98.4
140	0.9796	0.9423	0.9651	0.9800	0.9149	0.9474	0.9296	0.9474	130-140	0.6561	148.1	98.9,98.9
150	1.201	1.166	1.171	1.206	1.045	1.083	1.045	1.070	140-150	0.6545	148.8	99.3,99.3
160	1.327	1.281	1.317	1.353	1.111	1.174	1.146	1.133	150-160	0.5480	149.3	99.7,99.7
170	1.314	1.309	1.345	1.399	1.181	1.246	1.246	1.208	160-170	0.3558	149.7	99.9,99.9
180	1.277	1.309	1.347	1.385	1.201	1.327	1.357	1.347	170-180	0.1241	149.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 128.29 lm

%lum = 85.6%

%lamp = 85.6%

Conical surface Flux(120deg): 138.51 lm

%lum = 92.4%

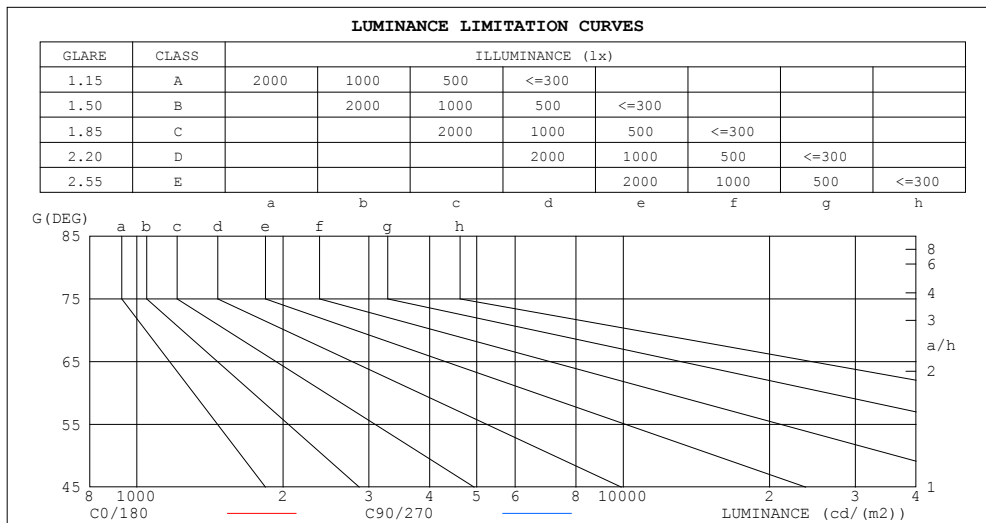
%lamp = 92.5%

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:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.81x1 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	156	105
80	112	91
75	101	93
70	98	99
65	99	108
60	101	123
55	108	146
50	122	190
45	151	277

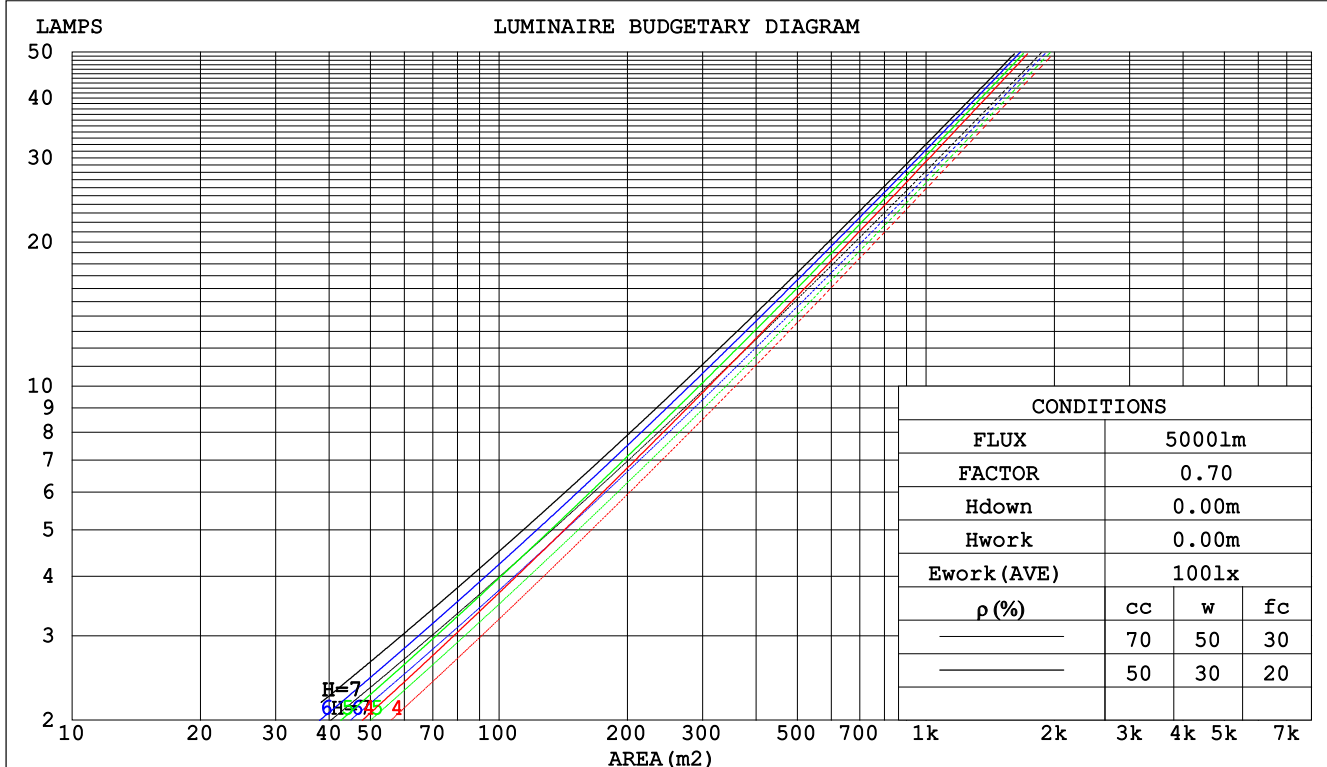
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.8lx1 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			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.09	1.06	1.04	1.07	1.04	1.02	1.02	.00	.98	.98	.96	.95	.94	.93	.91	.89
2.0	1.01	.96	.93	.99	.95	.91	.95	.92	.89	.92	.89	.87	.88	.86	.84	.82
3.0	.94	.88	.84	.92	.87	.83	.89	.85	.81	.86	.83	.80	.83	.81	.78	.76
4.0	.87	.81	.77	.86	.81	.76	.83	.79	.75	.81	.77	.74	.79	.75	.73	.71
5.0	.82	.76	.71	.81	.75	.71	.78	.74	.70	.76	.72	.69	.75	.71	.68	.66
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.72	.68	.65	.71	.67	.64	.62
7.0	.72	.66	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.67	.63	.60	.59
8.0	.69	.63	.58	.68	.62	.58	.66	.61	.58	.65	.61	.57	.64	.60	.57	.55
9.0	.65	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.54	.61	.57	.54	.53
10.0	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.58	.54	.51	.50



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:

WEC AND CCEC

Test:U:24.00V I:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.81x1 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 Coeffcients(WEC)									
0.0																
1.0	.198	.112	.036	.190	.108	.034	.176	.101	.032	.163	.094	.030	.150	.087	.028	
2.0	.186	.102	.031	.180	.099	.030	.167	.093	.029	.156	.087	.027	.145	.082	.026	
3.0	.175	.093	.028	.169	.090	.027	.158	.086	.026	.148	.081	.025	.139	.077	.024	
4.0	.164	.085	.025	.159	.083	.025	.150	.079	.024	.141	.076	.023	.133	.072	.022	
5.0	.154	.079	.023	.150	.077	.022	.142	.074	.022	.134	.071	.021	.127	.068	.020	
6.0	.146	.073	.021	.142	.072	.021	.135	.069	.020	.128	.066	.020	.122	.064	.019	
7.0	.138	.068	.019	.135	.067	.019	.128	.065	.019	.122	.063	.018	.116	.060	.018	
8.0	.131	.064	.018	.128	.063	.018	.122	.061	.017	.117	.059	.017	.112	.057	.017	
9.0	.125	.060	.017	.122	.059	.017	.117	.058	.016	.112	.056	.016	.107	.054	.016	
10.0	.119	.057	.016	.116	.056	.016	.112	.055	.015	.107	.053	.015	.103	.052	.015	

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	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.195	.180	.166	.167	.154	.143	.114	.106	.099	.066	.061	.057	.021	.020	.019	
2.0	.181	.155	.134	.155	.134	.115	.106	.092	.081	.061	.054	.047	.020	.017	.015	
3.0	.169	.137	.111	.145	.118	.096	.099	.082	.067	.057	.048	.040	.018	.016	.013	
4.0	.159	.122	.094	.136	.106	.082	.094	.074	.058	.054	.043	.034	.017	.014	.011	
5.0	.150	.111	.082	.129	.096	.071	.089	.067	.050	.051	.039	.030	.017	.013	.010	
6.0	.142	.101	.072	.122	.088	.063	.084	.062	.044	.049	.036	.026	.016	.012	.009	
7.0	.136	.094	.065	.117	.081	.056	.081	.057	.040	.047	.034	.024	.015	.011	.008	
8.0	.130	.088	.059	.112	.076	.051	.077	.053	.036	.045	.032	.022	.015	.010	.007	
9.0	.124	.083	.054	.107	.072	.047	.074	.050	.034	.043	.030	.020	.014	.010	.007	
10.0	.119	.078	.051	.103	.068	.044	.071	.048	.031	.042	.028	.019	.014	.009	.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:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.8lx1 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	8.5	9.4	8.7	9.7	9.9	10.3	11.2	10.5	11.5	11.7	
	3H	9.4	10.3	9.7	10.6	10.8	10.9	11.7	11.2	12.0	12.3
	4H	9.9	10.8	10.3	11.1	11.3	11.1	12.0	11.5	12.3	12.5
	6H	10.5	11.3	10.8	11.6	11.9	11.4	12.2	11.8	12.5	12.8
	8H	10.8	11.5	11.1	11.8	12.2	11.5	12.3	11.9	12.6	12.9
	12H	11.1	11.8	11.4	12.1	12.5	11.6	12.3	12.0	12.7	13.0
4H	2H	8.8	9.7	9.1	9.9	10.2	10.4	11.2	10.7	11.5	11.8
	3H	10.0	10.7	10.4	11.0	11.4	11.2	11.9	11.5	12.2	12.5
	4H	10.7	11.3	11.1	11.7	12.1	11.6	12.3	12.0	12.6	13.0
	6H	11.4	12.0	11.8	12.4	12.8	12.0	12.6	12.4	13.0	13.4
	8H	11.8	12.3	12.2	12.7	13.1	12.2	12.7	12.6	13.1	13.6
	12H	12.2	12.7	12.6	13.1	13.5	12.4	12.9	12.8	13.3	13.7
8H	4H	10.9	11.5	11.4	11.9	12.3	11.7	12.3	12.2	12.7	13.1
	6H	11.8	12.3	12.3	12.7	13.2	12.3	12.8	12.8	13.2	13.7
	8H	12.3	12.7	12.8	13.2	13.7	12.6	13.0	13.1	13.5	14.0
	12H	12.9	13.2	13.4	13.7	14.3	12.9	13.2	13.4	13.7	14.3
12H	4H	10.9	11.4	11.4	11.9	12.3	11.7	12.2	12.2	12.7	13.1
	6H	11.9	12.3	12.4	12.8	13.3	12.4	12.8	12.9	13.3	13.8
	8H	12.5	12.8	13.0	13.3	13.8	12.7	13.1	13.3	13.6	14.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.5					+ 1.2 / - 0.9					
1.5H	+ 0.6 / - 0.4					+ 2.3 / - 0.8					
2.0H	+ 0.4 / - 0.3					+ 1.8 / - 0.6					

CIE Pub.117, 149.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.6)

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:

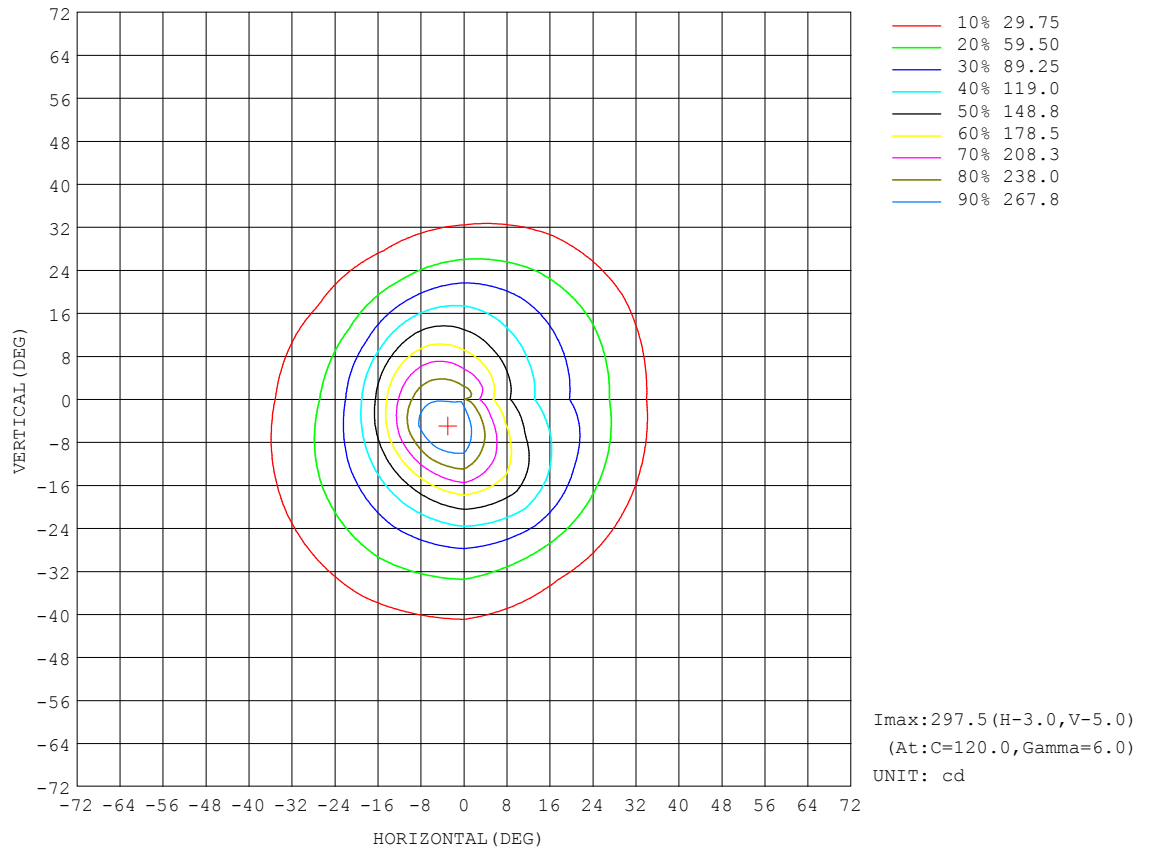
```

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:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.8lx1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:

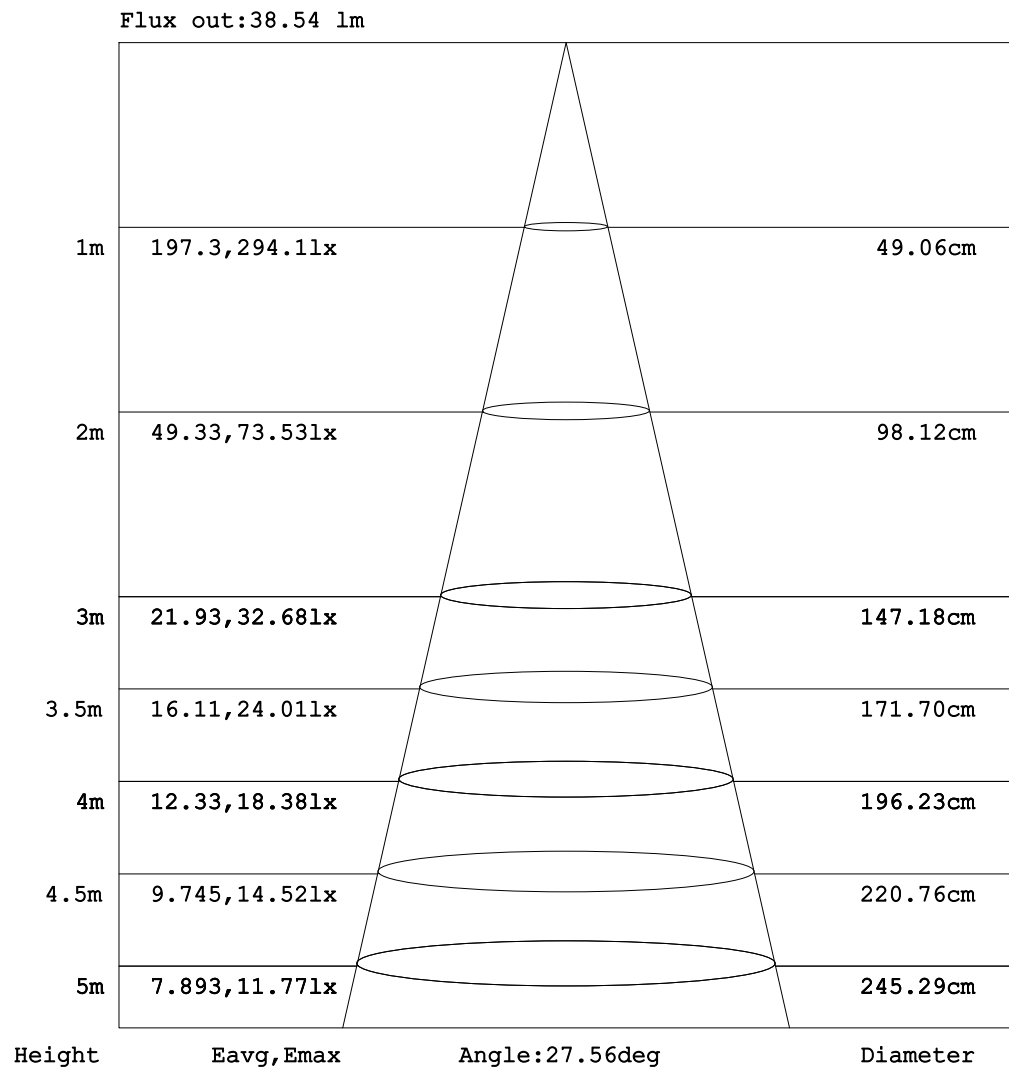


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

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:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.8lx1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:



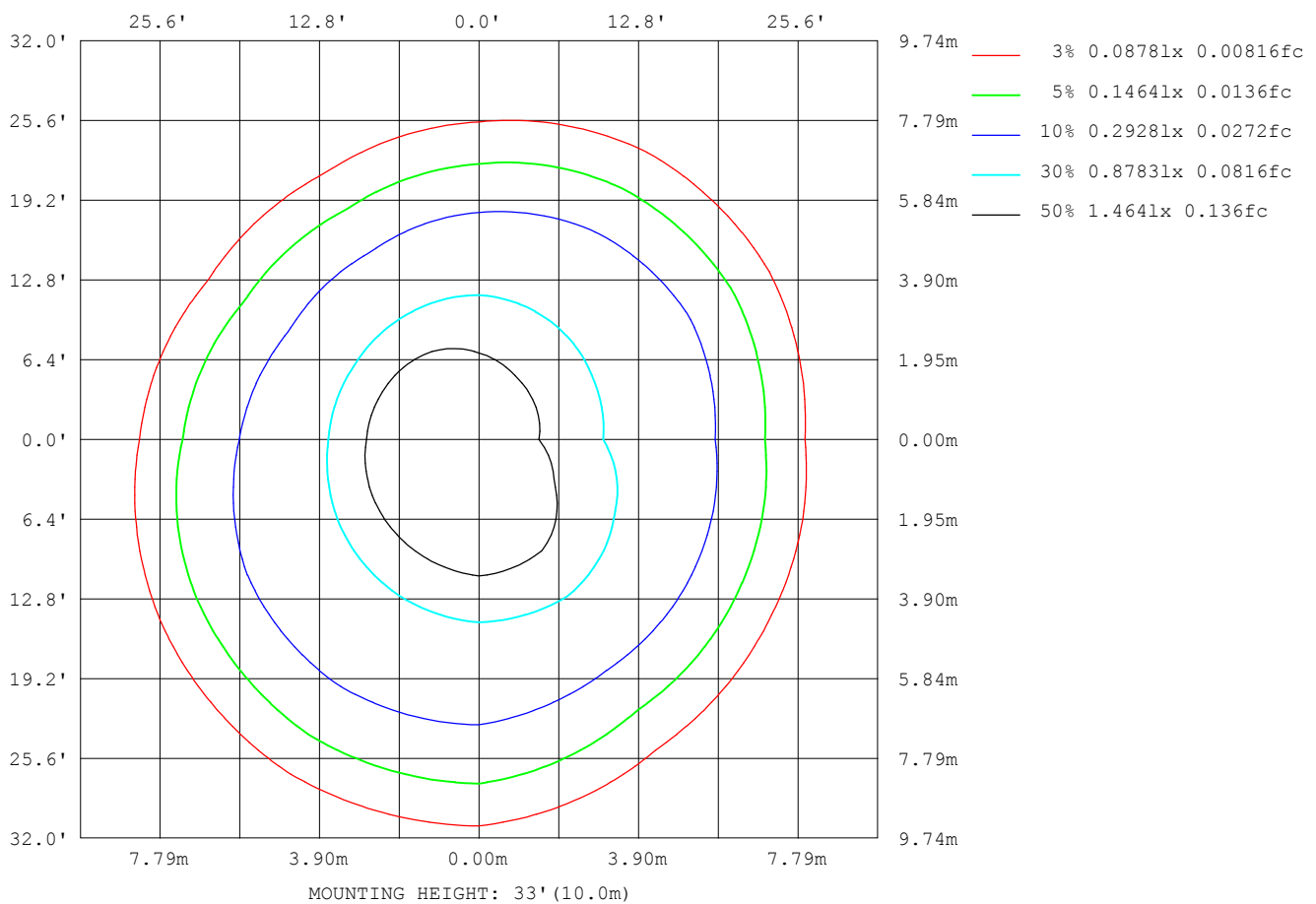
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.8lx1 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:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.81x1 lm		
NAME: LED Wall Grazer	TYPE:	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:
MFR.:	SUR.:1.0*0.0185	Shielding Angle:

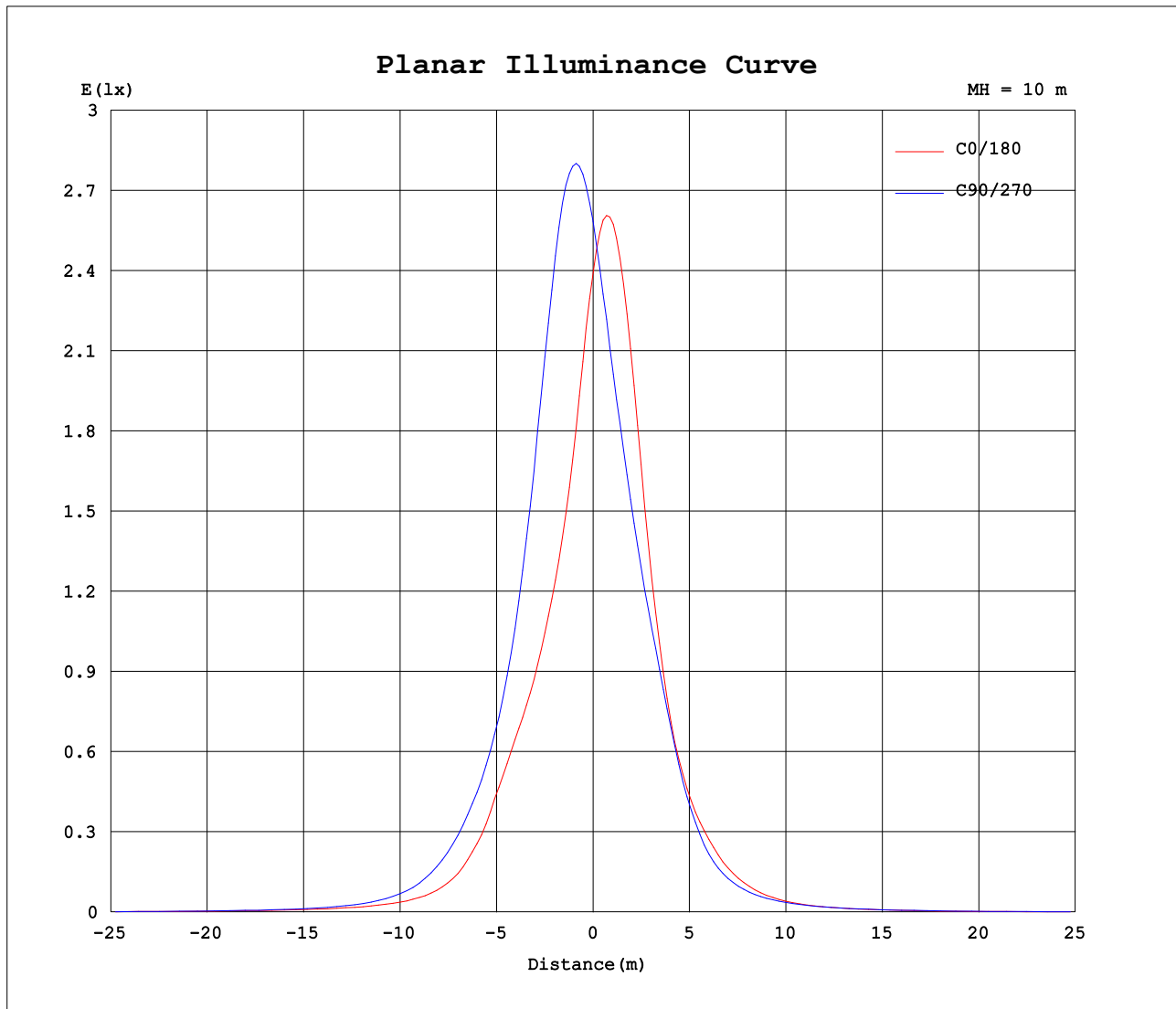
AvgL	cd/m2
L_0~180 (65) av	84
L_0~180 (75) av	77
L_0~180 (85) av	99
L_90~270 (65) av	95
L_90~270 (75) av	81
L_90~270 (85) av	80
L_45 (65) av	90
L_45 (75) av	80
L_45 (85) av	96

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:0.2200A P:5.280W PF:1.000 Freq:0Hz Lamp Flux:149.81x1 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	239	249	255	258	261	260	239	249	255	258	261	260							
5	183	214	253	283	298	295	263	248	231	214	203	195							
10	138	170	222	268	272	264	234	213	193	171	154	144							
15	109	138	186	215	203	189	169	157	148	134	122	113							
20	87.8	113	146	154	139	124	108	99.4	98.9	100	96.5	91.5							
25	68.7	82.9	104	108	100	86.9	69.3	58.8	58.9	65.5	71.1	72.9							
30	44.8	54.8	66.2	76.5	73.6	62.8	46.9	35.9	33.5	38.6	46.1	49.0							
35	26.3	32.0	38.5	52.6	51.2	43.1	30.1	22.4	20.4	23.1	27.4	29.1							
40	15.9	18.8	22.8	32.9	31.6	25.5	18.7	14.2	13.3	14.8	17.4	17.7							
45	10.7	12.1	14.4	19.6	18.7	15.4	11.6	9.42	9.28	10.3	11.8	11.8							
50	7.83	8.60	9.92	12.2	11.5	9.74	7.67	6.77	6.86	7.64	8.69	8.64							
55	6.18	6.56	7.29	8.40	7.71	6.70	5.41	5.07	5.26	5.86	6.66	6.71							
60	5.05	5.24	5.61	6.13	5.56	4.88	3.96	3.81	4.04	4.57	5.18	5.34							
65	4.18	4.18	4.36	4.55	4.11	3.65	2.92	2.86	3.03	3.52	4.01	4.20							
70	3.35	3.31	3.36	3.38	3.02	2.71	2.08	2.07	2.19	2.59	2.99	3.21							
75	2.62	2.55	2.52	2.41	2.15	1.94	1.38	1.38	1.46	1.77	2.10	2.34							
80	1.95	1.87	1.78	1.58	1.42	1.30	0.78	0.82	0.84	1.06	1.36	1.60							
85	1.36	1.29	1.16	0.92	0.87	0.84	0.37	0.41	0.37	0.48	0.72	0.99							
90	0.87	0.79	0.70	0.59	0.69	0.69	0.28	0.28	0.22	0.15	0.27	0.48							
95	0.60	0.57	0.59	0.59	0.67	0.69	0.30	0.29	0.26	0.16	0.22	0.26							
100	0.54	0.53	0.57	0.59	0.66	0.67	0.33	0.29	0.30	0.20	0.26	0.25							
105	0.54	0.52	0.56	0.59	0.64	0.67	0.36	0.33	0.35	0.28	0.31	0.26							
110	0.54	0.52	0.57	0.59	0.64	0.67	0.40	0.38	0.42	0.35	0.38	0.33							
115	0.54	0.55	0.58	0.60	0.64	0.67	0.46	0.45	0.50	0.43	0.47	0.40							
120	0.54	0.58	0.58	0.63	0.65	0.70	0.54	0.53	0.59	0.53	0.57	0.51							
125	0.61	0.65	0.61	0.68	0.67	0.74	0.61	0.63	0.69	0.64	0.68	0.63							
130	0.72	0.74	0.70	0.76	0.73	0.81	0.71	0.74	0.78	0.75	0.80	0.74							
135	0.84	0.85	0.80	0.85	0.82	0.91	0.81	0.83	0.88	0.84	0.89	0.83							
140	0.98	0.98	0.91	0.97	0.93	1.03	0.91	0.92	0.98	0.93	0.98	0.91							
145	1.10	1.09	1.02	1.07	1.06	1.15	0.99	1.00	1.05	1.00	1.05	1.01							
150	1.20	1.21	1.13	1.17	1.16	1.25	1.05	1.06	1.11	1.05	1.10	1.05							
155	1.28	1.28	1.21	1.26	1.25	1.35	1.09	1.09	1.16	1.09	1.14	1.08							
160	1.33	1.30	1.26	1.32	1.33	1.38	1.11	1.15	1.20	1.15	1.16	1.11							
165	1.32	1.30	1.31	1.34	1.36	1.39	1.14	1.17	1.24	1.18	1.19	1.15							
170	1.31	1.30	1.32	1.35	1.40	1.40	1.18	1.21	1.29	1.25	1.25	1.16							
175	1.29	1.28	1.33	1.35	1.41	1.36	1.21	1.25	1.34	1.33	1.33	1.24							
180	1.28	1.28	1.34	1.35	1.41	1.36	1.20	1.32	1.34	1.36	1.36	1.33							

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	239.2	248.6	254.8	258.3	261.2	259.6	239.2	248.6	254.8	258.3
3.0	206.8	230.8	256.6	277.2	289.4	288.1	260.0	253.0	243.4	232.1
6.0	172.1	203.7	248.6	283.7	297.6	294.6	261.6	243.4	224.3	204.6
9.0	145.6	177.8	229.9	275.3	281.6	276.0	243.9	223.3	200.9	179.5
12.0	125.3	155.8	207.4	248.8	246.9	234.8	210.5	192.1	175.8	155.5
15.0	109.3	138.4	185.6	215.3	202.6	189.1	168.6	156.9	148.4	134.0
18.0	95.42	123.6	162.8	176.6	161.5	146.1	130.2	120.6	118.2	114.7
21.0	84.49	106.7	138.1	143.2	129.8	115.0	98.21	89.44	90.26	93.45
24.0	73.03	88.67	112.4	116.1	106.3	93.05	75.14	65.31	65.99	72.51
27.0	59.89	72.94	88.10	94.10	88.61	77.20	58.79	47.56	46.66	53.79
30.0	44.76	54.77	66.17	76.48	73.65	62.78	46.87	35.88	33.54	38.62
33.0	33.30	40.42	47.83	61.95	60.01	50.96	36.28	26.86	24.61	27.90
36.0	23.70	28.67	34.41	48.16	46.77	38.97	27.31	20.35	18.65	20.91
39.0	17.46	21.04	25.11	36.34	34.94	28.43	20.57	15.44	14.32	16.04
42.0	13.38	15.71	18.71	26.55	25.55	21.00	15.32	11.94	11.43	12.68
45.0	10.65	12.06	14.45	19.56	18.71	15.41	11.59	9.419	9.276	10.30
48.0	8.780	9.734	11.39	14.63	13.77	11.61	8.988	7.683	7.714	8.563
51.0	7.433	8.102	9.290	11.34	10.50	8.964	7.116	6.381	6.519	7.221
54.0	6.456	6.898	7.705	9.001	8.275	7.193	5.786	5.380	5.541	6.185
57.0	5.682	5.994	6.547	7.364	6.724	5.852	4.761	4.520	4.732	5.314
60.0	5.053	5.240	5.607	6.128	5.562	4.882	3.962	3.806	4.043	4.570
63.0	4.525	4.571	4.818	5.118	4.622	4.079	3.304	3.203	3.410	3.927
66.0	4.012	3.989	4.149	4.295	3.868	3.446	2.727	2.670	2.843	3.329
69.0	3.505	3.466	3.550	3.592	3.219	2.883	2.250	2.202	2.345	2.771
72.0	3.057	2.989	3.013	2.994	2.656	2.386	1.782	1.770	1.873	2.253
75.0	2.620	2.552	2.520	2.411	2.148	1.939	1.376	1.383	1.461	1.770
78.0	2.208	2.135	2.062	1.898	1.685	1.537	1.004	1.031	1.069	1.338
81.0	1.826	1.753	1.645	1.436	1.288	1.195	0.6874	0.7244	0.7325	0.9308
84.0	1.474	1.406	1.278	1.024	0.9511	0.9090	0.4314	0.4781	0.4413	0.5840
87.0	1.152	1.070	0.9411	0.6778	0.7344	0.7386	0.3083	0.3170	0.2360	0.2773
90.0	0.8654	0.7935	0.7043	0.5926	0.6886	0.6924	0.2844	0.2823	0.2211	0.1458
93.0	0.6690	0.6128	0.5984	0.5920	0.6785	0.6890	0.2816	0.2846	0.2464	0.1522
96.0	0.5832	0.5609	0.5830	0.5913	0.6684	0.6857	0.2967	0.2869	0.2614	0.1586
99.0	0.5528	0.5360	0.5780	0.5907	0.6624	0.6734	0.3218	0.2892	0.2915	0.1909
102.0	0.5428	0.5177	0.5680	0.5901	0.6544	0.6734	0.3418	0.2915	0.3217	0.2160
105.0	0.5428	0.5191	0.5640	0.5895	0.6423	0.6734	0.3620	0.3265	0.3470	0.2762
108.0	0.5428	0.5212	0.5673	0.5888	0.6345	0.6735	0.3821	0.3518	0.3921	0.3214
111.0	0.5427	0.5227	0.5706	0.5882	0.6383	0.6735	0.4172	0.3919	0.4274	0.3618
114.0	0.5427	0.5378	0.5740	0.5981	0.6420	0.6735	0.4474	0.4421	0.4826	0.4169
117.0	0.5427	0.5680	0.5773	0.6082	0.6457	0.6835	0.4776	0.4772	0.5329	0.4722
120.0	0.5427	0.5831	0.5806	0.6283	0.6495	0.6986	0.5379	0.5277	0.5883	0.5326
123.0	0.5879	0.6233	0.5929	0.6585	0.6532	0.7237	0.5781	0.5978	0.6485	0.5930
126.0	0.6330	0.6636	0.6280	0.6937	0.6884	0.7490	0.6335	0.6532	0.7089	0.6782
129.0	0.6983	0.7289	0.6783	0.7390	0.7085	0.7943	0.6938	0.7084	0.7642	0.7236
132.0	0.7688	0.7892	0.7484	0.7992	0.7589	0.8445	0.7591	0.7688	0.8295	0.7839
135.0	0.8442	0.8496	0.7988	0.8496	0.8239	0.9098	0.8144	0.8291	0.8847	0.8442
138.0	0.9145	0.9199	0.8642	0.9199	0.8893	0.9753	0.8798	0.8894	0.9400	0.9145
141.0	0.9949	1.000	0.9345	0.9803	0.9646	1.046	0.9350	0.9396	0.9852	0.9397
144.0	1.070	1.071	1.000	1.046	1.030	1.121	0.9851	1.005	1.040	1.005
147.0	1.165	1.136	1.075	1.121	1.100	1.191	1.015	1.020	1.076	1.020
150.0	1.201	1.206	1.126	1.171	1.161	1.252	1.045	1.055	1.111	1.045
153.0	1.251	1.262	1.176	1.226	1.236	1.317	1.071	1.076	1.146	1.077
156.0	1.296	1.302	1.231	1.272	1.266	1.367	1.086	1.106	1.166	1.096
159.0	1.317	1.307	1.251	1.307	1.322	1.377	1.111	1.136	1.196	1.121
162.0	1.324	1.302	1.272	1.338	1.337	1.384	1.116	1.171	1.221	1.161
165.0	1.320	1.297	1.307	1.341	1.362	1.391	1.136	1.174	1.242	1.181
168.0	1.317	1.292	1.319	1.343	1.387	1.398	1.161	1.186	1.272	1.236
171.0	1.313	1.287	1.324	1.346	1.399	1.405	1.196	1.226	1.302	1.251
174.0	1.292	1.283	1.329	1.349	1.409	1.377	1.201	1.244	1.332	1.311
177.0	1.282	1.277	1.332	1.352	1.412	1.362	1.206	1.266	1.337	1.332
180.0	1.277	1.277	1.342	1.347	1.407	1.362	1.201	1.317	1.337	1.357
G/C	300.0	330.0								
0.0	261.2	259.6								
3.0	226.6	221.1								
6.0	193.1	182.2								
9.0	162.2	152.7								
12.0	139.4	129.5								
15.0	121.6	112.9								
18.0	106.6	99.80								
21.0	91.84	87.35								
24.0	76.63	76.92								
27.0	60.31	62.40								
30.0	46.11	49.01								

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:

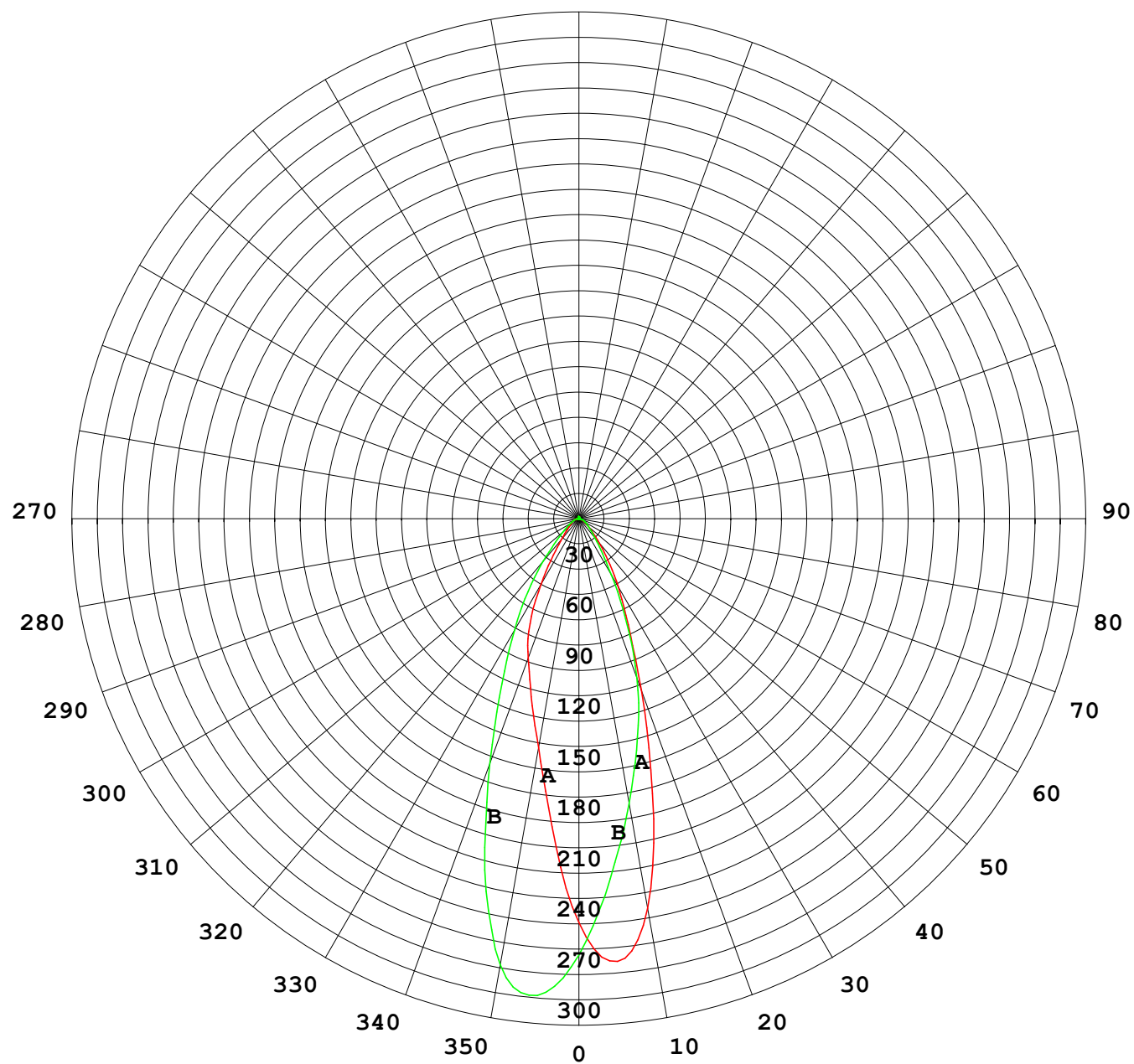
Photometric Data Table [cd]

33.0	33.71	36.13
36.0	24.73	26.38
39.0	18.90	19.54
42.0	14.71	14.85
45.0	11.79	11.77
48.0	9.789	9.654
51.0	8.232	8.176
54.0	6.987	7.039
57.0	6.013	6.129
60.0	5.184	5.344
63.0	4.455	4.641
66.0	3.782	3.972
69.0	3.174	3.389
72.0	2.606	2.826
75.0	2.104	2.343
78.0	1.632	1.886
81.0	1.225	1.484
84.0	0.8378	1.102
87.0	0.5116	0.7649
90.0	0.2658	0.4782
93.0	0.2360	0.3019
96.0	0.2213	0.2414
99.0	0.2464	0.2480
102.0	0.2766	0.2546
105.0	0.3118	0.2612
108.0	0.3519	0.2963
111.0	0.4023	0.3566
114.0	0.4525	0.3769
117.0	0.5129	0.4371
120.0	0.5731	0.5123
123.0	0.6385	0.5677
126.0	0.7089	0.6582
129.0	0.7792	0.7085
132.0	0.8395	0.7738
135.0	0.8948	0.8341
138.0	0.9450	0.8844
141.0	0.9953	0.9346
144.0	1.030	0.9949
147.0	1.066	1.015
150.0	1.096	1.045
153.0	1.116	1.075
156.0	1.136	1.090
159.0	1.156	1.106
162.0	1.171	1.121
165.0	1.191	1.146
168.0	1.216	1.159
171.0	1.267	1.168
174.0	1.307	1.201
177.0	1.357	1.276
180.0	1.362	1.332

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

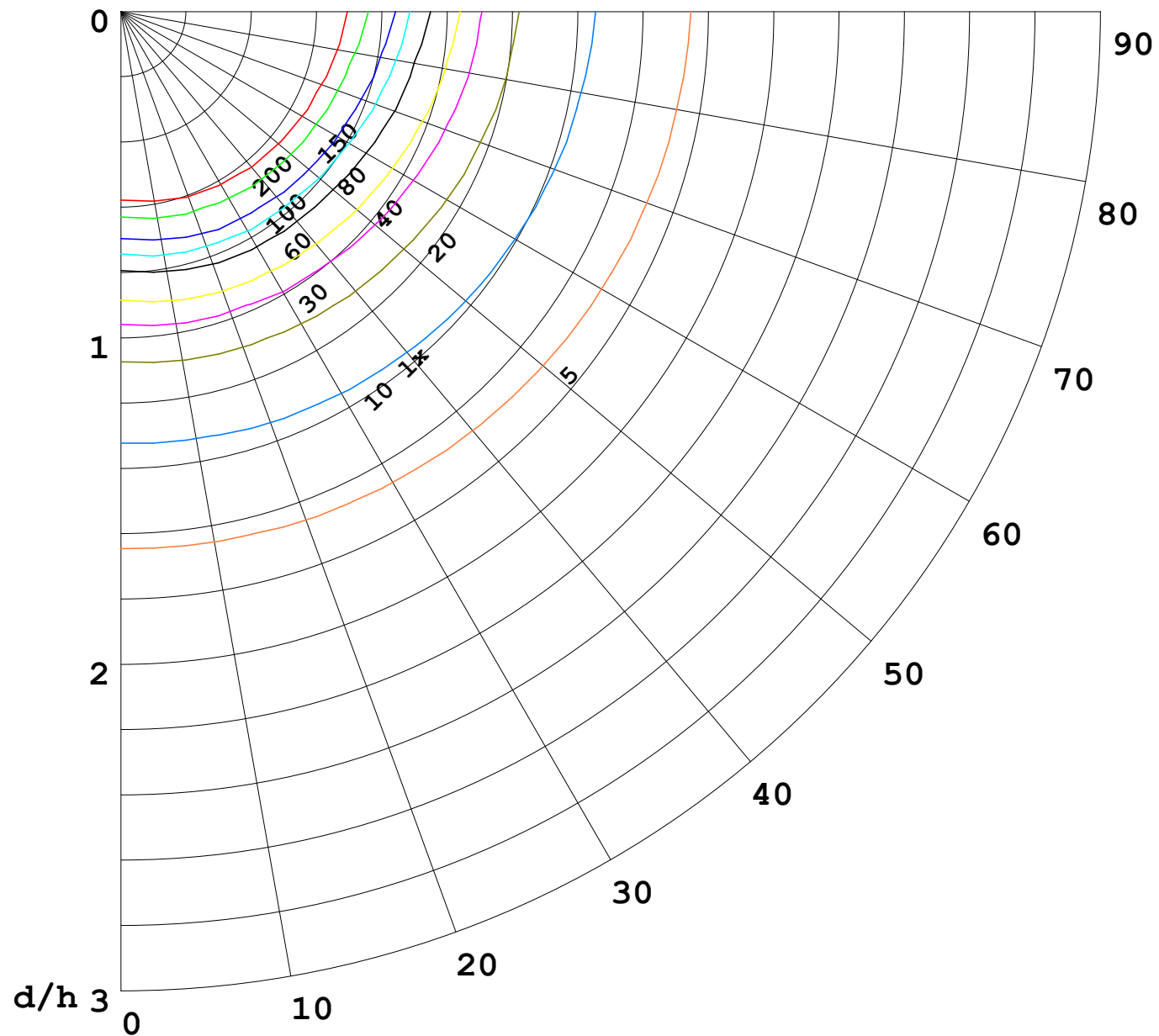
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

I (cd)



1000 lm

$\kappa = 1$



F = 5000 lm
 K = 0.7
 Hcc = 0.0 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

