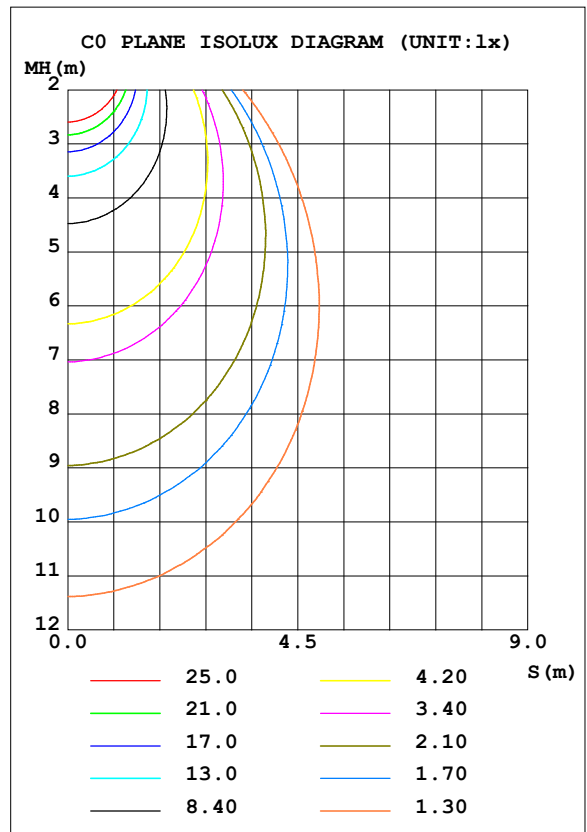
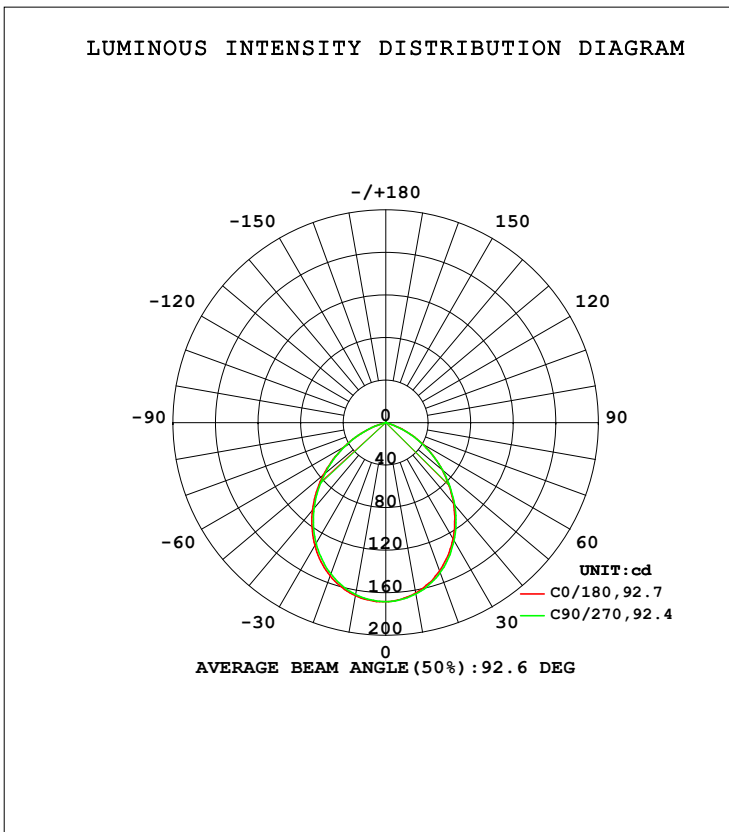


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.96 lm/W			
MODEL		Imax (cd)	168.5	S/MH (C0/180)	1.19
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.17
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	346.50	η UP, DN (C0-180)	0.0, 48.4
NOMINAL FLUX (lm)	346.503	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	100.0	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 8.859m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

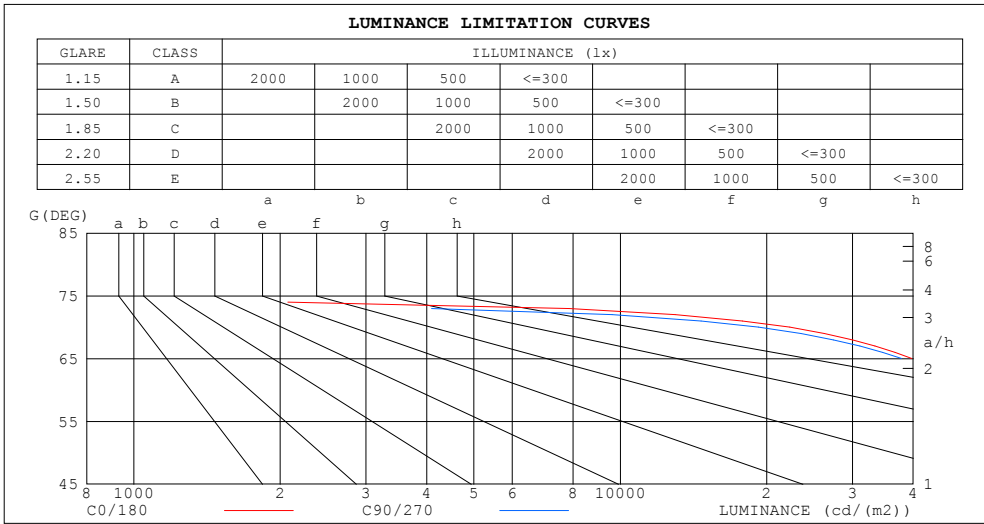
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	162.7	163.3	163.6	163.5	165.1	164.5	164.1	164.1	0- 10	15.86	15.86	4.58,4.58
20	148.3	149.7	150.1	149.5	153.3	152.2	151.2	151.2	10- 20	44.60	60.45	17.4,17.4
30	126.4	128.7	128.5	127.2	133.5	132.3	131.1	130.7	20- 30	64.91	125.4	36.2,36.2
40	99.40	101.9	100.7	99.02	107.2	106.2	104.9	104.1	30- 40	73.02	198.4	57.3,57.3
50	69.51	72.02	69.95	67.48	76.63	76.04	74.97	74.48	40- 50	67.78	266.2	76.8,76.8
60	39.60	41.40	38.82	36.01	44.55	44.41	44.07	44.20	50- 60	50.92	317.1	91.5,91.5
70	11.43	12.24	9.857	7.139	13.93	14.00	14.50	15.56	60- 70	26.35	343.4	99.1,99.1
80	0	0	0	0	0	0	0	0	70- 80	3.060	346.5	100,100
90	0	0	0	0	0	0	0	0	80- 90	0	346.5	100,100
100	0	0	0	0	0	0	0	0	90-100	0	346.5	100,100
110	0	0	0	0	0	0	0	0	100-110	0	346.5	100,100
120	0	0	0	0	0	0	0	0	110-120	0	346.5	100,100
130	0	0	0	0	0	0	0	0	120-130	0	346.5	100,100
140	0	0	0	0	0	0	0	0	130-140	0	346.5	100,100
150	0	0	0	0	0	0	0	0	140-150	0	346.5	100,100
160	0	0	0	0	0	0	0	0	150-160	0	346.5	100,100
170	0	0	0	0	0	0	0	0	160-170	0	346.5	100,100
180	0	0	0	0	0	0	0	0	170-180	0	346.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	32	0
70	22292	19223
65	39757	37834
60	52816	51785
55	63208	63098
50	72126	72591
45	79757	80651

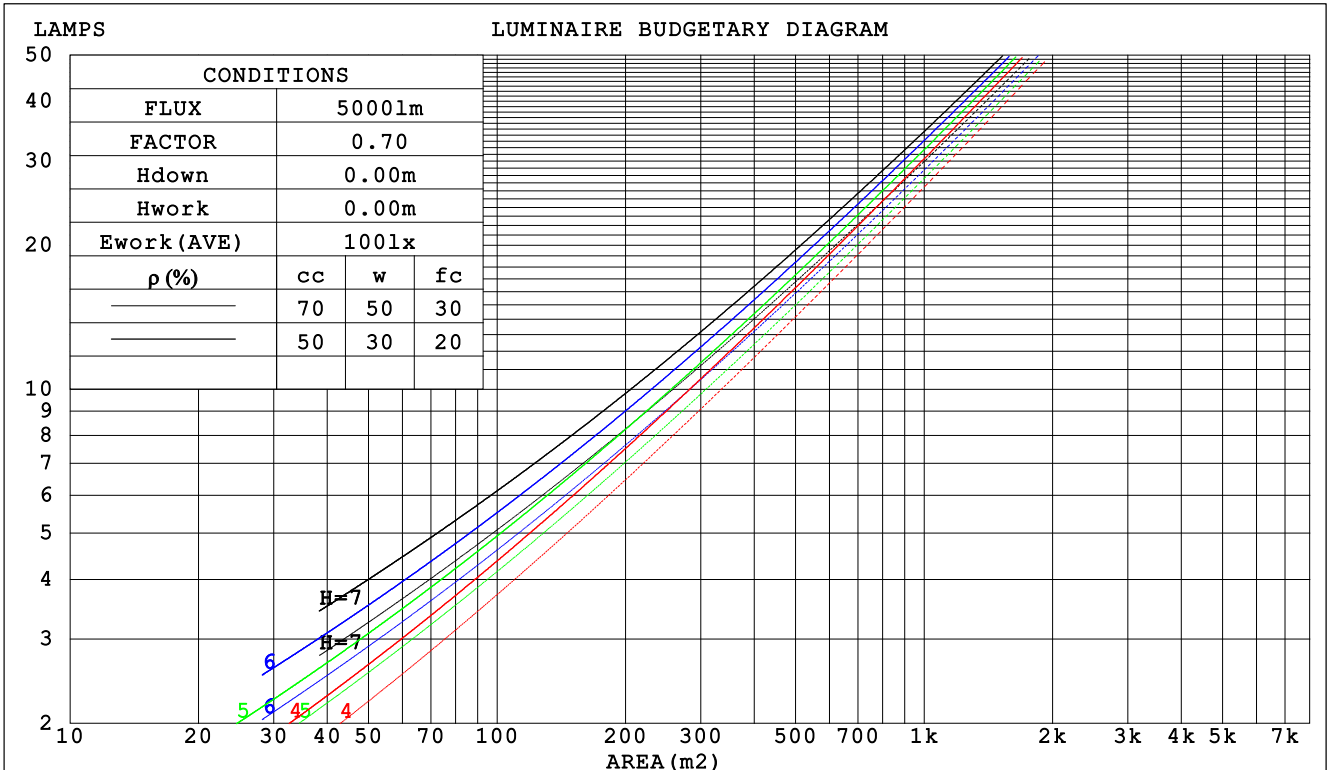
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.01	.99	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.96	.90	.86	.94	.89	.85	.91	.86	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.86	.79	.73	.84	.78	.73	.82	.76	.71	.79	.74	.70	.76	.73	.69	.67
4.0	.77	.69	.64	.76	.69	.63	.73	.67	.62	.71	.66	.62	.69	.65	.61	.59
5.0	.70	.62	.56	.69	.61	.55	.67	.60	.55	.65	.59	.54	.63	.58	.54	.52
6.0	.63	.55	.49	.62	.55	.49	.61	.54	.49	.59	.53	.48	.57	.52	.48	.46
7.0	.58	.50	.44	.57	.49	.44	.55	.49	.44	.54	.48	.43	.53	.47	.43	.41
8.0	.53	.45	.40	.52	.45	.40	.51	.44	.39	.50	.44	.39	.49	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.39	.35	.34
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.31



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.242	.138	.044	.235	.134	.043	.222	.127	.041	.210	.121	.039	.199	.116	.037	
2.0	.239	.131	.040	.233	.128	.039	.221	.123	.038	.211	.118	.037	.201	.114	.036	
3.0	.228	.122	.036	.223	.119	.036	.213	.116	.035	.204	.112	.034	.196	.108	.034	
4.0	.216	.112	.033	.212	.111	.033	.203	.108	.032	.195	.105	.032	.187	.102	.031	
5.0	.204	.104	.030	.200	.103	.030	.192	.100	.029	.185	.098	.029	.178	.095	.029	
6.0	.192	.096	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027	.169	.089	.026	
7.0	.181	.089	.025	.178	.088	.025	.171	.087	.025	.166	.085	.025	.160	.083	.024	
8.0	.171	.083	.023	.168	.083	.023	.162	.081	.023	.157	.080	.023	.152	.078	.023	
9.0	.161	.078	.022	.159	.077	.022	.154	.076	.022	.149	.075	.021	.145	.073	.021	
10.0	.153	.073	.020	.150	.073	.020	.146	.071	.020	.142	.070	.020	.138	.069	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.104	.141	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.156	.114	.080	.134	.098	.070	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.128	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.142	.090	.051	.122	.077	.044	.084	.054	.031	.049	.032	.019	.016	.010	.006	
6.0	.135	.081	.042	.116	.070	.037	.080	.049	.026	.046	.029	.015	.015	.009	.005	
7.0	.129	.074	.036	.111	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.123	.068	.031	.106	.059	.027	.073	.041	.019	.043	.024	.011	.014	.008	.004	
9.0	.117	.063	.027	.101	.055	.023	.070	.039	.017	.041	.023	.010	.013	.007	.003	
10.0	.112	.059	.024	.097	.051	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.:			SERIAL No.:				
MFR.:			SUR.:			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	30.6	31.9	30.8	32.1	32.3	30.6	31.9	30.8	32.1	32.3
3H	31.0	32.2	31.2	32.4	32.6	30.9	32.1	31.2	32.3	32.6
4H	30.9	32.0	31.2	32.3	32.5	30.8	31.9	31.1	32.2	32.4
6H	30.8	31.9	31.1	32.1	32.4	30.7	31.8	31.0	32.0	32.3
8H	30.7	31.8	31.0	32.0	32.3	30.6	31.7	31.0	32.0	32.2
12H	30.7	31.7	31.0	32.0	32.3	30.6	31.6	30.9	31.9	32.2
4H 2H	30.9	32.0	31.2	32.3	32.5	30.9	32.0	31.2	32.3	32.5
3H	31.3	32.3	31.6	32.6	32.9	31.2	32.2	31.5	32.5	32.8
4H	31.2	32.1	31.6	32.4	32.7	31.1	32.0	31.5	32.3	32.6
6H	31.1	31.9	31.5	32.2	32.6	31.0	31.8	31.4	32.1	32.5
8H	31.1	31.8	31.5	32.1	32.5	31.0	31.7	31.4	32.1	32.4
12H	31.0	31.7	31.4	32.1	32.5	30.9	31.6	31.3	32.0	32.4
8H 4H	31.1	31.8	31.5	32.2	32.6	31.0	31.7	31.4	32.1	32.5
6H	31.0	31.6	31.4	32.0	32.4	30.9	31.5	31.3	31.9	32.3
8H	31.0	31.5	31.4	31.9	32.3	30.9	31.4	31.3	31.8	32.3
12H	30.9	31.4	31.4	31.8	32.3	30.8	31.3	31.3	31.7	32.2
12H 4H	31.0	31.7	31.5	32.1	32.5	31.0	31.6	31.4	32.0	32.4
6H	31.0	31.5	31.4	31.9	32.3	30.9	31.4	31.3	31.8	32.3
8H	30.9	31.4	31.4	31.8	32.3	30.8	31.3	31.3	31.7	32.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.8					+ 0.6 / - 0.9				
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.5				
2.0H	+ 1.0 / - 1.1					+ 1.0 / - 1.2				

CIE Pub.117, 346.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.7)
 Area: 0.0015 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

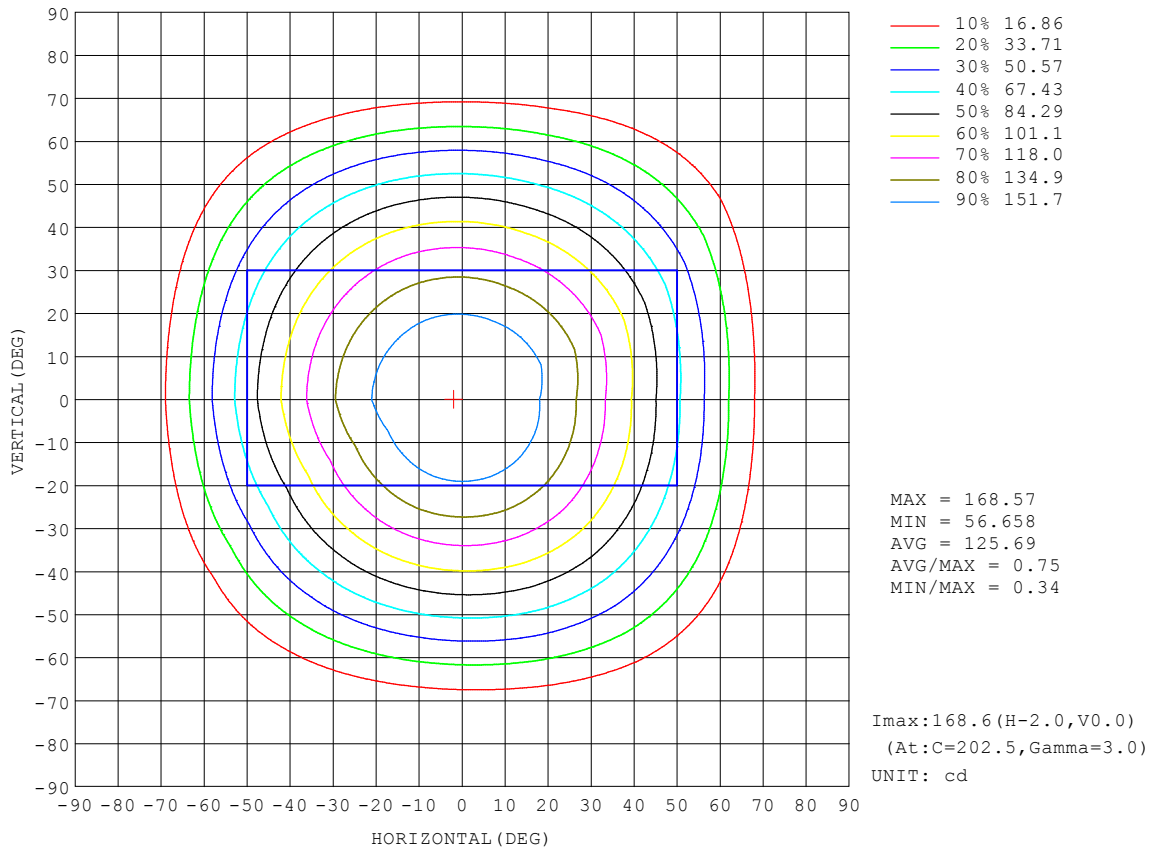
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	64	54	48	64	54	48	63	53	47	42
0.80	75	65	58	74	64	58	72	63	58	52
1.00	83	74	68	82	73	67	80	74	67	61
1.25	90	81	75	89	81	75	86	79	74	68
1.50	95	87	81	93	86	80	90	84	79	73
2.00	100	94	89	99	93	88	96	90	86	80
2.50	104	97	93	102	96	92	98	94	90	83
3.00	106	101	97	104	99	96	101	97	93	86
4.00	110	105	101	107	103	100	103	100	97	89
5.00	111	108	104	109	106	103	105	102	100	91
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

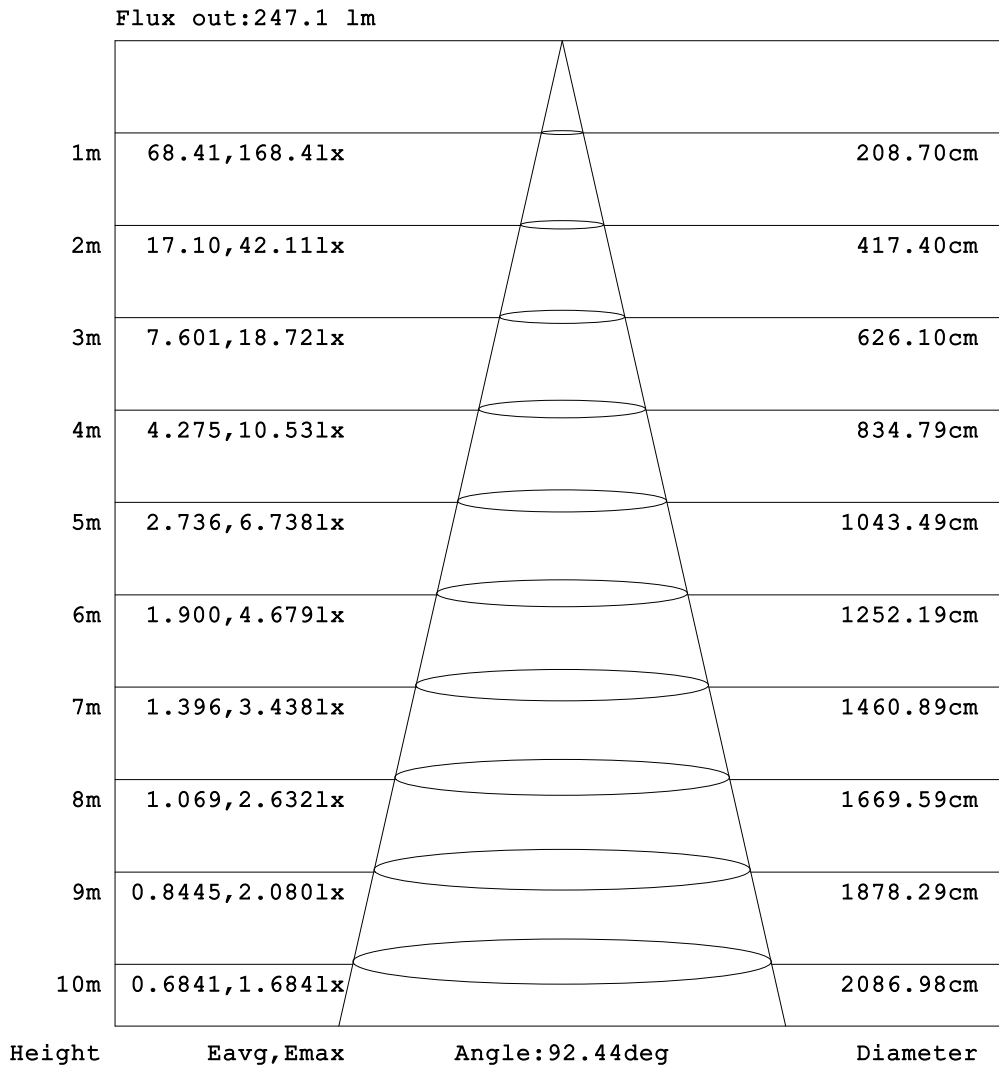


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



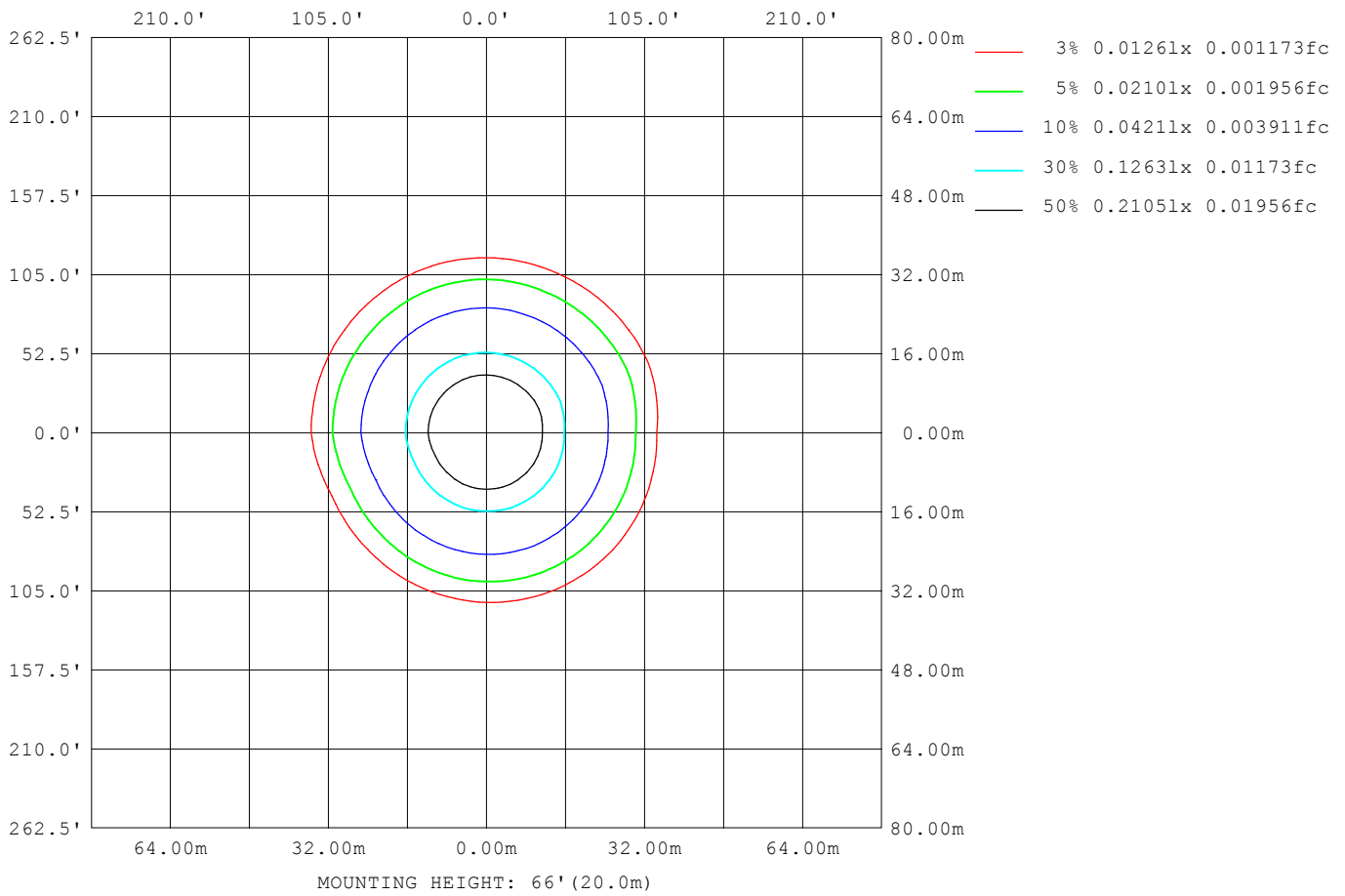
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

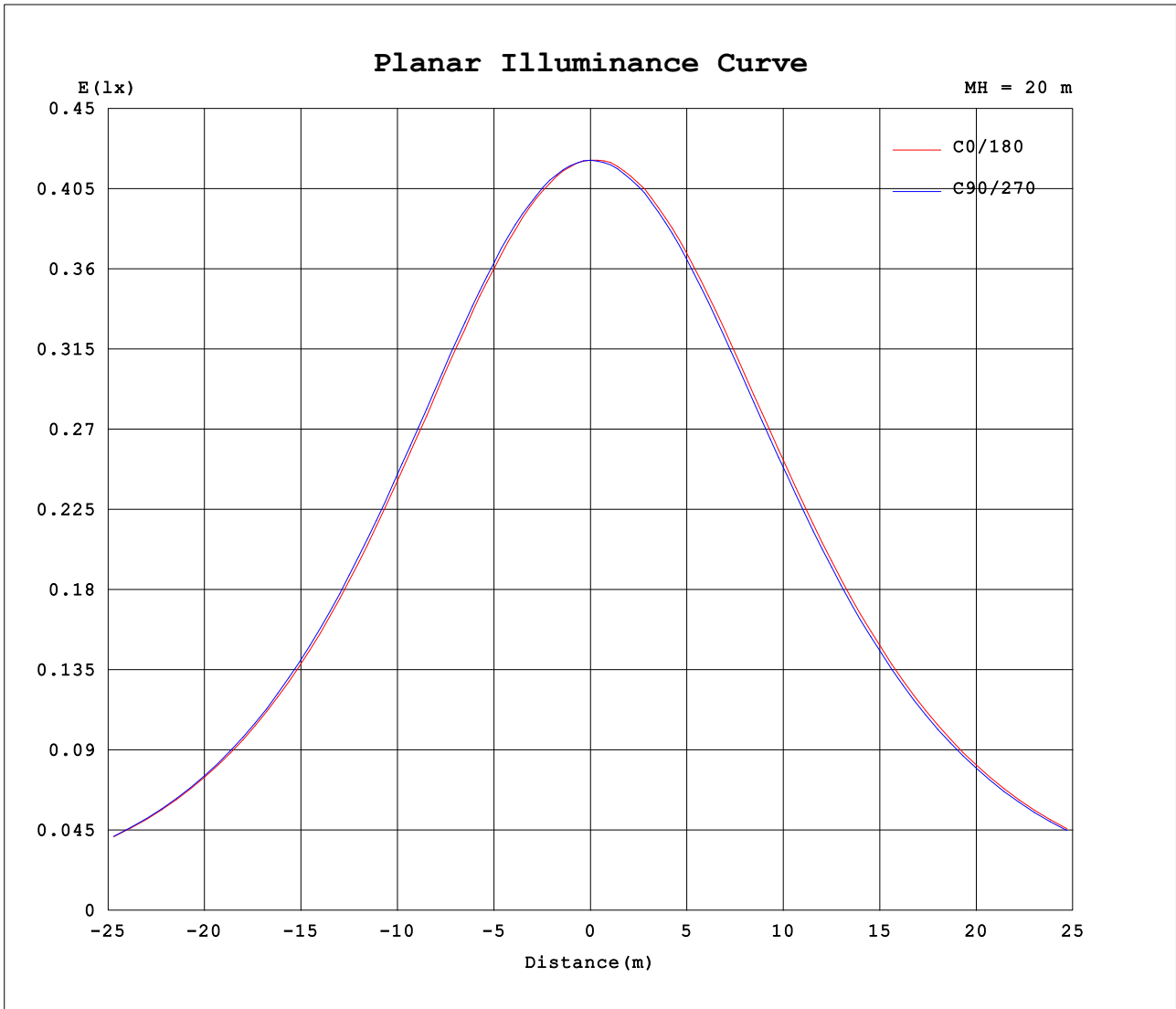
AvgL	cd/m2
L_0~180 (65) av	42637
L_0~180 (75) av	16
L_0~180 (85) av	0
L_90~270 (65) av	41741
L_90~270 (75) av	1136
L_90~270 (85) av	0
L_45 (65) av	41827
L_45 (75) av	1447
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 8.859m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.11V I:0.0306A P:6.7994W PF:0.9656 Freq:50.00Hz Lamp Flux:346.503x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168			
5	167	167	167	167	167	167	167	167	168	168	167	167	167	167	167	168			
10	163	163	163	164	164	164	164	163	165	165	165	164	164	164	164	165			
15	156	157	158	158	158	158	158	157	160	160	159	159	159	158	159	159			
20	148	149	150	150	150	150	149	149	153	153	152	152	151	151	151	152			
25	138	139	140	140	140	140	139	139	144	144	143	143	142	142	142	143			
30	126	128	129	129	128	128	127	128	134	133	132	132	131	130	131	132			
35	113	115	116	116	115	115	114	114	121	121	120	120	119	118	118	119			
40	99.4	101	102	102	101	99.9	99.0	99.4	107	107	106	106	105	104	104	105			
45	84.6	86.1	87.1	86.9	85.5	84.4	83.4	84.0	92.3	92.3	91.5	91.2	90.2	89.2	89.6	90.5			
50	69.5	71.0	72.0	71.6	70.0	68.7	67.5	68.1	76.6	76.7	76.0	75.9	75.0	74.1	74.5	75.4			
55	54.4	55.9	56.6	56.0	54.3	52.8	51.6	52.0	60.6	60.7	60.2	60.2	59.5	58.7	59.2	60.3			
60	39.6	41.0	41.4	40.6	38.8	37.3	36.0	36.1	44.5	44.7	44.4	44.5	44.1	43.4	44.2	45.4			
65	25.2	26.3	26.6	25.6	24.0	22.5	21.1	21.0	28.9	29.0	28.8	29.2	29.0	28.7	29.6	30.8			
70	11.4	12.3	12.2	11.3	9.86	8.62	7.14	6.81	13.9	14.0	14.0	14.5	14.5	14.5	15.6	16.7			
75	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.56	0.88	1.04	2.22	3.44			
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	168.3	168.3	168.3	168.3	168.3	168.3	168.3	168.3	168.3	168.3
3.0	167.5	167.8	167.7	167.9	167.8	168.1	167.6	167.9	168.5	168.5
6.0	165.9	166.4	166.6	166.6	166.6	166.6	166.4	166.5	167.4	167.3
9.0	163.7	163.9	164.1	164.5	164.3	164.4	164.3	164.2	165.9	165.7
12.0	160.4	161.1	161.3	161.6	161.6	161.7	161.1	161.2	163.5	163.4
15.0	156.5	157.1	157.6	158.0	157.8	157.7	157.5	157.4	160.3	159.9
18.0	151.7	152.8	153.1	153.5	153.4	153.5	152.9	153.0	156.5	156.1
21.0	146.6	147.4	148.0	148.3	148.1	148.2	147.6	147.6	151.7	151.3
24.0	140.3	141.4	142.1	142.4	142.2	142.2	141.5	141.4	146.3	145.8
27.0	133.7	134.9	135.6	136.0	135.7	135.5	134.7	134.8	140.3	139.9
30.0	126.4	127.7	128.7	128.9	128.5	128.2	127.2	127.5	133.5	133.1
33.0	118.7	120.0	121.1	121.3	120.5	120.1	119.4	119.5	126.1	125.8
36.0	110.5	112.0	113.1	113.3	112.4	111.8	110.8	111.3	118.4	118.1
39.0	102.1	103.6	104.8	104.7	103.8	103.0	102.1	102.5	110.0	109.9
42.0	93.29	94.90	96.05	95.94	94.70	93.87	92.84	93.36	101.4	101.2
45.0	84.56	86.14	87.11	86.88	85.50	84.45	83.43	83.98	92.31	92.28
48.0	75.48	77.02	77.92	77.62	76.14	74.89	73.88	74.43	83.03	82.97
51.0	66.42	67.93	68.86	68.46	66.80	65.43	64.30	64.79	73.51	73.55
54.0	57.43	58.95	59.70	58.96	57.36	55.92	54.72	55.11	63.77	63.82
57.0	48.44	49.87	50.52	49.79	47.97	46.54	45.30	45.55	54.12	54.29
60.0	39.60	41.01	41.40	40.58	38.82	37.34	36.01	36.13	44.55	44.70
63.0	30.88	32.17	32.42	31.49	29.78	28.37	27.01	26.96	35.06	35.17
66.0	22.38	23.52	23.67	22.67	21.11	19.68	18.29	18.12	25.78	25.90
69.0	14.12	15.08	15.05	14.06	12.63	11.31	9.865	9.536	16.81	16.89
72.0	6.008	6.858	6.601	5.610	4.460	3.235	1.865	1.355	8.171	8.306
75.0	0.0123	0	0.0011	0	0	0	0	0	0	0.0393
78.0	0	0	0	0	0	0	0	0	0	0
81.0	0	0	0	0	0	0	0	0	0	0
84.0	0	0	0	0	0	0	0	0	0	0
87.0	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
93.0	0	0	0	0	0	0	0	0	0	0
96.0	0	0	0	0	0	0	0	0	0	0
99.0	0	0	0	0	0	0	0	0	0	0
102.0	0	0	0	0	0	0	0	0	0	0
105.0	0	0	0	0	0	0	0	0	0	0
108.0	0	0	0	0	0	0	0	0	0	0
111.0	0	0	0	0	0	0	0	0	0	0
114.0	0	0	0	0	0	0	0	0	0	0
117.0	0	0	0	0	0	0	0	0	0	0
120.0	0	0	0	0	0	0	0	0	0	0
123.0	0	0	0	0	0	0	0	0	0	0
126.0	0	0	0	0	0	0	0	0	0	0
129.0	0	0	0	0	0	0	0	0	0	0
132.0	0	0	0	0	0	0	0	0	0	0
135.0	0	0	0	0	0	0	0	0	0	0
138.0	0	0	0	0	0	0	0	0	0	0
141.0	0	0	0	0	0	0	0	0	0	0
144.0	0	0	0	0	0	0	0	0	0	0
147.0	0	0	0	0	0	0	0	0	0	0
150.0	0	0	0	0	0	0	0	0	0	0
153.0	0	0	0	0	0	0	0	0	0	0
156.0	0	0	0	0	0	0	0	0	0	0
159.0	0	0	0	0	0	0	0	0	0	0
162.0	0	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0	0	0	0
168.0	0	0	0	0	0	0	0	0	0	0
171.0	0	0	0	0	0	0	0	0	0	0
174.0	0	0	0	0	0	0	0	0	0	0
177.0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	168.3	168.3	168.3	168.3	168.3	168.3				
3.0	168.0	168.2	168.0	168.1	167.8	168.2				
6.0	167.0	167.1	166.7	166.9	166.9	167.3				
9.0	165.2	165.2	164.9	164.7	164.9	165.3				
12.0	162.8	162.8	162.2	162.1	162.2	162.6				
15.0	159.4	159.2	158.7	158.5	158.8	159.2				
18.0	155.3	155.2	154.5	154.3	154.4	155.0				
21.0	150.5	150.3	149.7	149.2	149.5	150.2				
24.0	145.0	144.7	144.0	143.5	143.9	144.3				
27.0	139.1	138.7	138.0	137.4	137.7	138.3				
30.0	132.3	132.0	131.1	130.3	130.7	131.5				

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 8.859m [K=1.0000]
 Remarks:

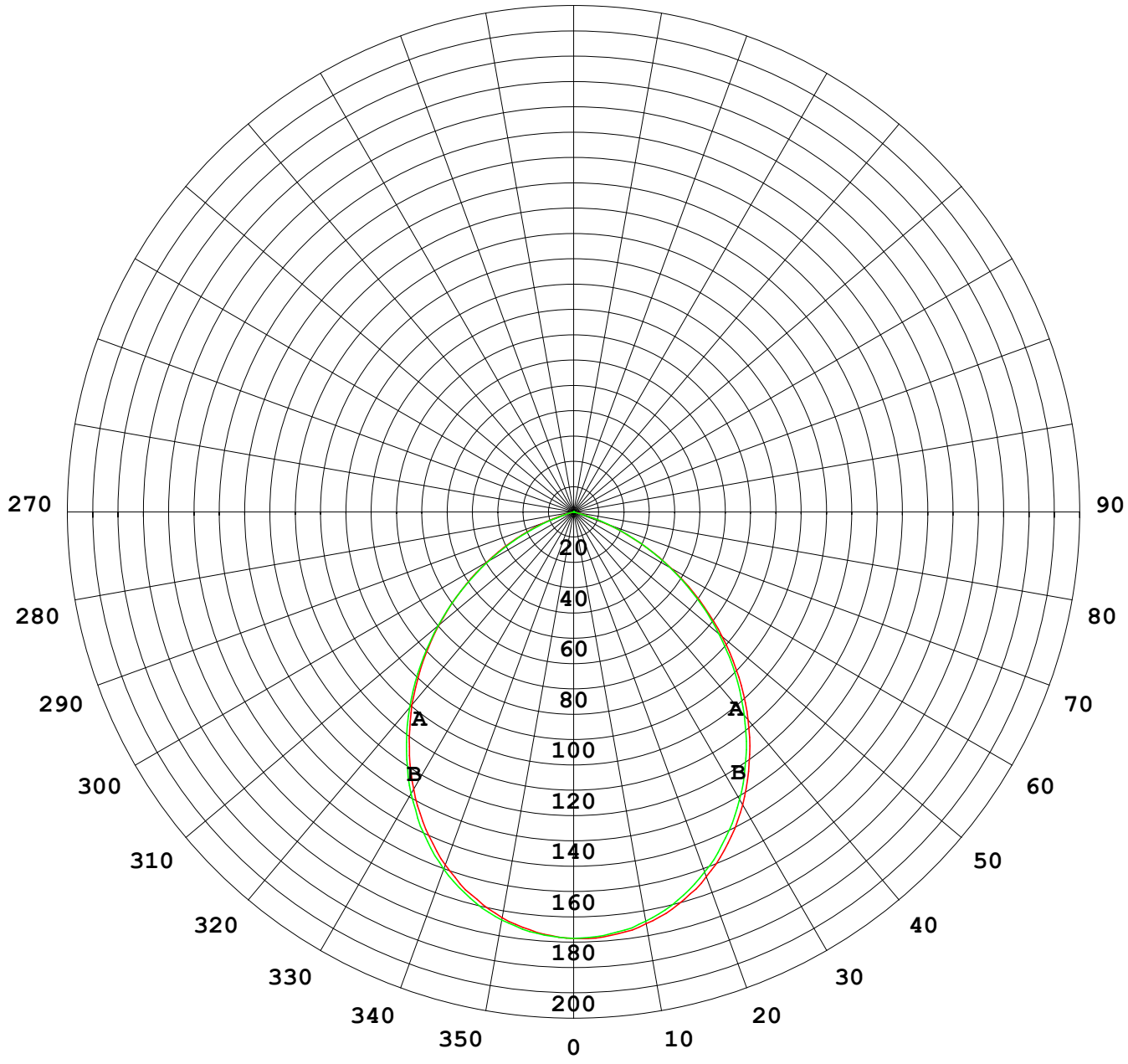
Photometric Data Table [cd]

33.0	125.0	124.5	123.8	122.9	123.3	123.9
36.0	117.3	117.0	116.1	115.0	115.2	116.1
39.0	109.0	108.7	107.7	106.8	107.0	107.8
42.0	100.4	100.1	99.10	98.20	98.28	99.17
45.0	91.52	91.21	90.24	89.17	89.59	90.53
48.0	82.27	82.02	81.09	80.15	80.62	81.44
51.0	72.87	72.81	71.91	70.97	71.42	72.41
54.0	63.32	63.33	62.58	61.75	62.37	63.31
57.0	53.84	53.88	53.18	52.51	53.16	54.27
60.0	44.41	44.51	44.07	43.37	44.20	45.36
63.0	34.94	35.27	34.89	34.52	35.37	36.56
66.0	25.77	26.09	26.00	25.73	26.73	27.85
69.0	16.82	17.34	17.31	17.23	18.29	19.51
72.0	8.245	8.770	8.862	8.999	10.17	11.32
75.0	0.0249	0.5609	0.8817	1.041	2.221	3.438
78.0	0	0	0	0	0	0
81.0	0	0	0	0	0	0
84.0	0	0	0	0	0	0
87.0	0	0	0	0	0	0
90.0	0	0	0	0	0	0
93.0	0	0	0	0	0	0
96.0	0	0	0	0	0	0
99.0	0	0	0	0	0	0
102.0	0	0	0	0	0	0
105.0	0	0	0	0	0	0
108.0	0	0	0	0	0	0
111.0	0	0	0	0	0	0
114.0	0	0	0	0	0	0
117.0	0	0	0	0	0	0
120.0	0	0	0	0	0	0
123.0	0	0	0	0	0	0
126.0	0	0	0	0	0	0
129.0	0	0	0	0	0	0
132.0	0	0	0	0	0	0
135.0	0	0	0	0	0	0
138.0	0	0	0	0	0	0
141.0	0	0	0	0	0	0
144.0	0	0	0	0	0	0
147.0	0	0	0	0	0	0
150.0	0	0	0	0	0	0
153.0	0	0	0	0	0	0
156.0	0	0	0	0	0	0
159.0	0	0	0	0	0	0
162.0	0	0	0	0	0	0
165.0	0	0	0	0	0	0
168.0	0	0	0	0	0	0
171.0	0	0	0	0	0	0
174.0	0	0	0	0	0	0
177.0	0	0	0	0	0	0
180.0	0	0	0	0	0	0

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-11-17

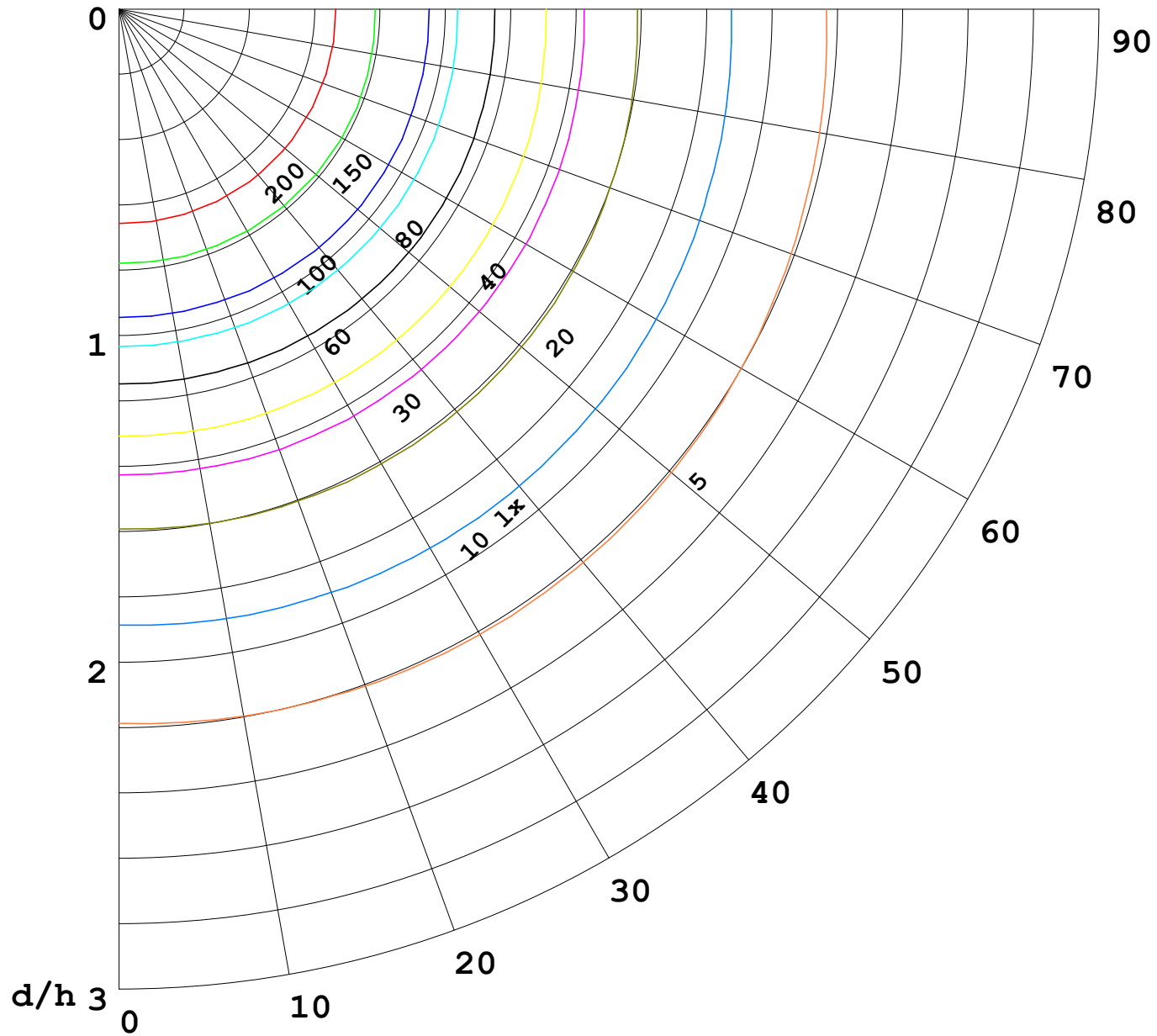
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:8.859m [K=1.0000]
 Remarks:

I (cd)



1000 lm

$K = 1$



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

