

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

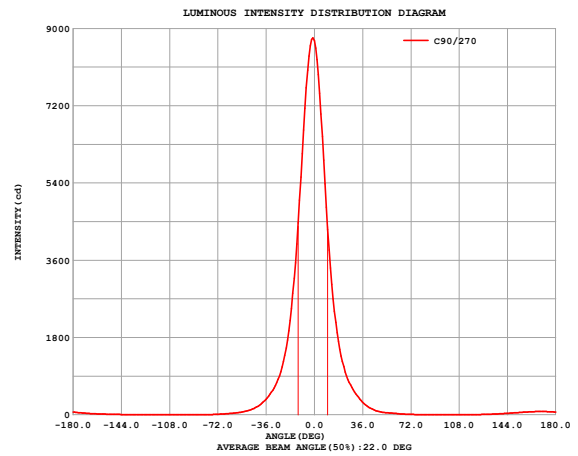
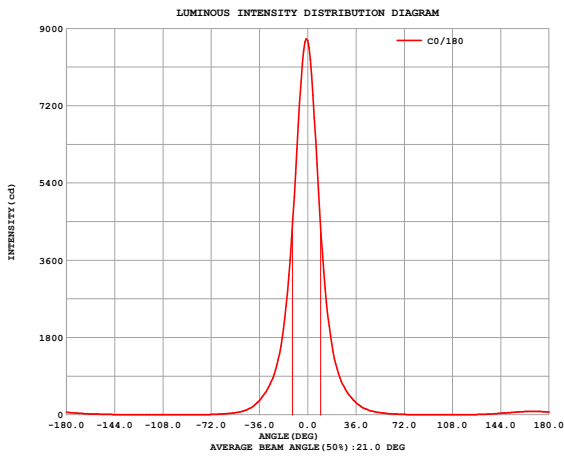
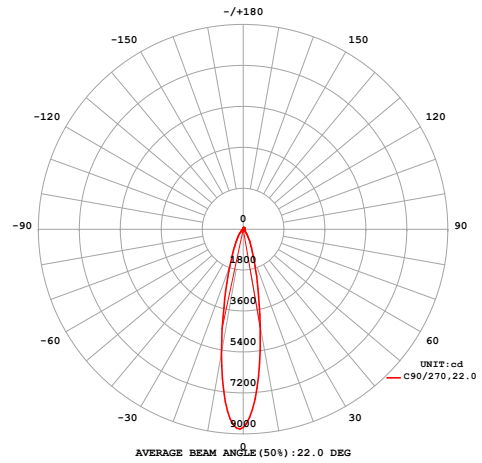
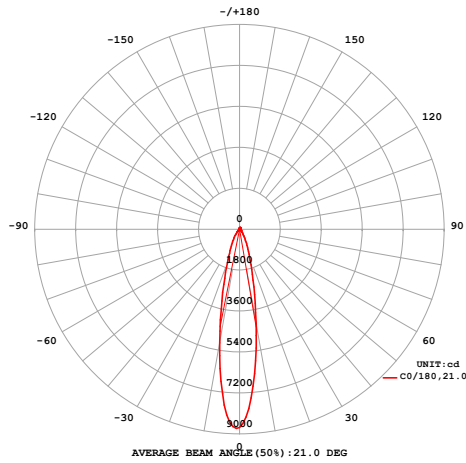


Fig. C0/C180

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-07-30

Fig. C90/C270

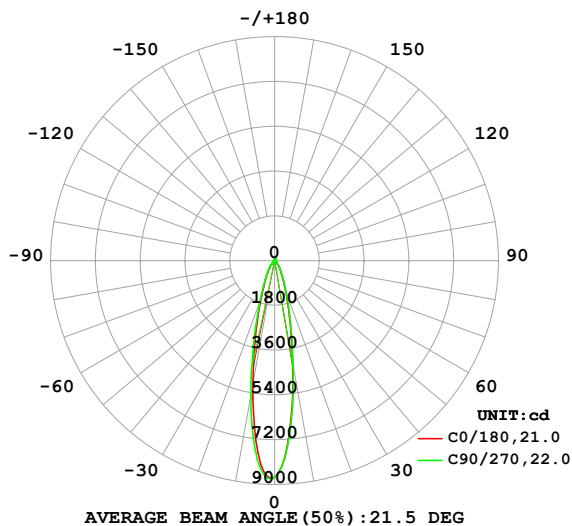
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

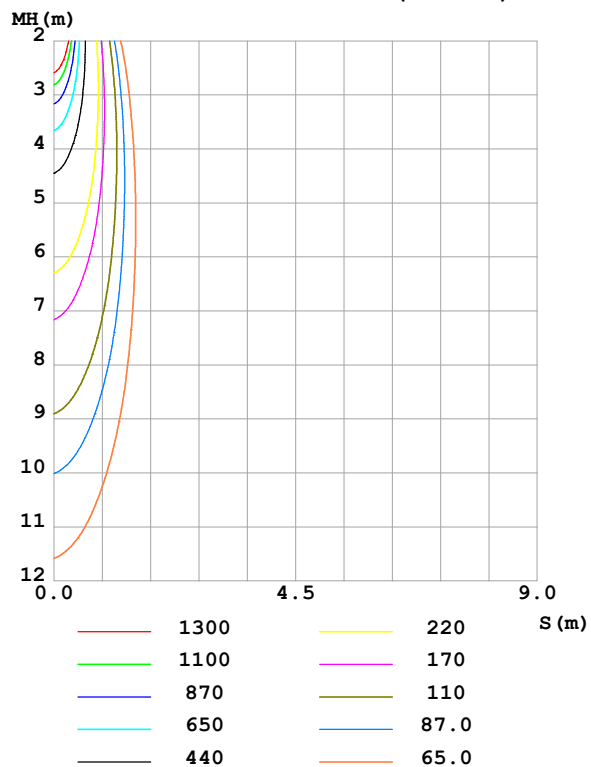
Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2253.44x1 lm		
NAME: Blzaeline Mini-600mm-3000K-20D-Rev3	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.50 lm/W			
MODEL	BLM Series	Imax(cd)	8810	S/MH(C0/180)	0.39
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	2253.4	η UP,DN(C0-180)	2.3,45.0
NOMINAL FLUX(lm)	2253.44	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,52.1
LAMPS INSIDE	1	η up(%)	2.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	110	η down(%)	97.1	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 8.050m [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	4218	4063	4316	4607	5083	5456	5538	4920	0- 10	620.0	620.0	27.5,27.5
20	1312	1292	1365	1457	1593	1718	1743	1528	10- 20	753.7	1374	61,61
30	500.8	496.7	533.9	563.8	594.7	632.7	625.8	565.8	20- 30	420.7	1794	79.6,79.6
40	189.2	179.9	189.0	200.2	213.7	244.2	245.3	218.0	30- 40	224.6	2019	89.6,89.6
50	70.48	63.00	64.68	65.81	71.21	86.12	90.74	80.59	40- 50	98.91	2118	94,94
60	28.96	26.46	33.57	25.93	27.38	32.39	39.64	31.86	50- 60	42.77	2161	95.9,95.9
70	10.85	10.61	11.80	9.916	10.20	12.45	14.95	12.70	60- 70	19.31	2180	96.7,96.7
80	2.698	2.535	3.974	2.288	2.528	3.018	4.752	3.135	70- 80	6.986	2187	97,97
90	0.4364	0.4805	0.4846	0.5475	0.1695	0.2736	0.2193	0.2511	80- 90	1.418	2188	97.1,97.1
100	0.7604	0.9026	0.9894	0.8866	0.1749	0.1708	0.1934	0.1755	90-100	0.4491	2189	97.1,97.1
110	1.746	2.051	2.186	1.880	0.3718	0.3514	0.4043	0.3681	100-110	0.8418	2190	97.2,97.2
120	4.216	4.809	5.006	4.302	0.8467	0.7789	0.9203	0.8451	110-120	1.788	2191	97.2,97.2
130	10.49	11.73	12.01	10.39	1.906	1.780	2.082	2.019	120-130	3.820	2195	97.4,97.4
140	25.91	27.17	26.75	24.61	4.575	4.226	5.013	4.883	130-140	7.922	2203	97.8,97.8
150	49.41	49.56	47.45	46.66	10.29	9.978	10.68	10.67	140-150	13.60	2217	98.4,98.4
160	71.78	70.76	68.06	68.67	18.64	18.87	19.67	19.24	150-160	16.82	2234	99.1,99.1
170	80.81	76.16	77.35	79.48	33.92	35.00	35.79	33.61	160-170	14.24	2248	99.8,99.8
180	62.38	62.37	64.10	64.66	62.55	62.47	64.21	64.77	170-180	5.626	2253	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2079 lm

%lum = 92.3%

%lamp = 92.3%

Conical surface Flux(120deg): 2160.6 lm

%lum = 95.9%

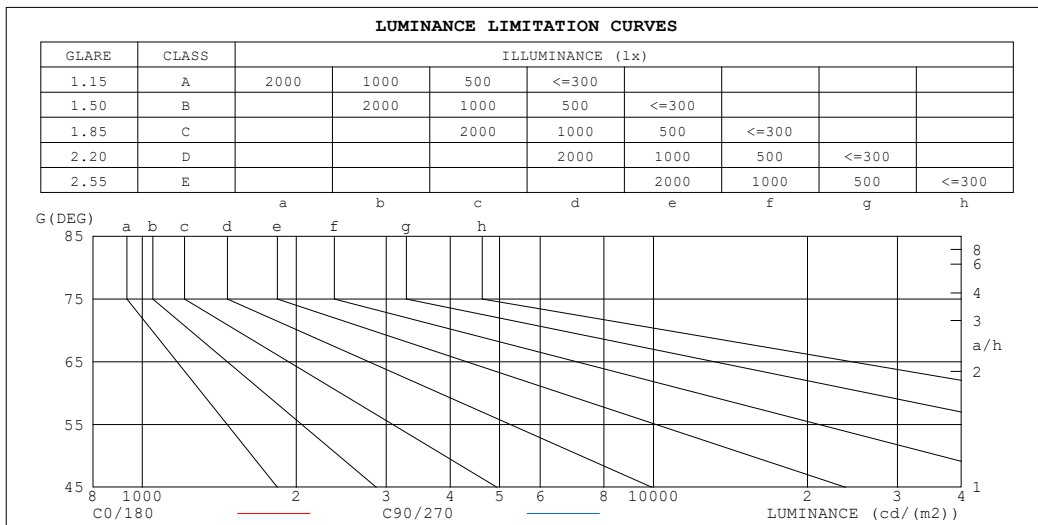
%lamp = 95.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:8.050m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2253.44x1 lm		
NAME: Blzaeline Mini-600mm-3000K-20D-Rev3	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	30	40
80	44	65
75	65	76
70	90	97
65	122	129
60	164	189
55	221	223
50	310	284
45	457	430

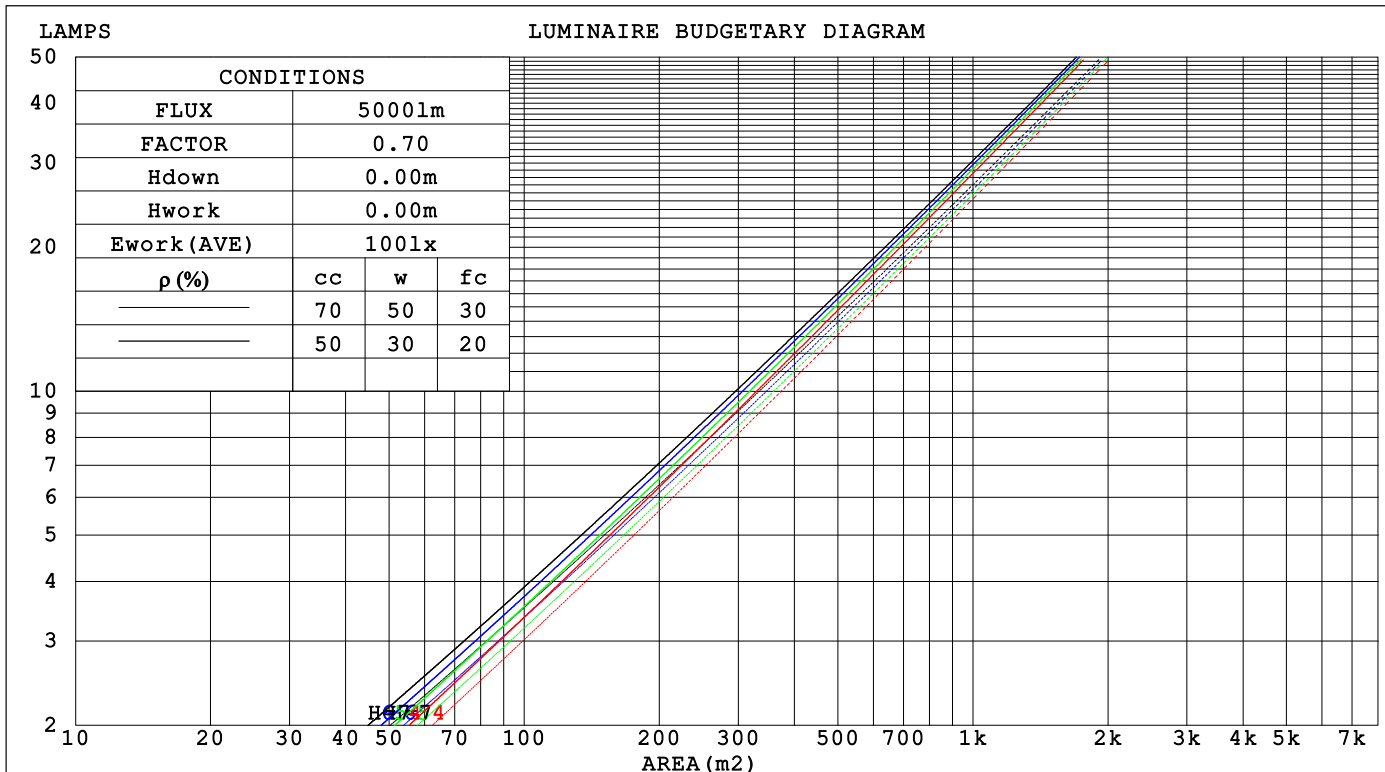
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2253.44x1 lm		
NAME: Blzaeline Mini-600mm-3000K-20D-Rev3	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	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															



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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:2253.44x1 lm		
NAME:Blzaeline Mini-600mm-3000K-20D-Rev3			TYPE:3000K			WEIGHT:		
SPEC.:20 DEG			DIM.:600mm			SERIAL No.:		
MFR.:			SUR.: 600mm*40mm			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	.161	.092	.029	.154	.088	.028	.140	.080	.026	.127	.073	.023	.115	.066	.021		
2.0	.152	.083	.026	.146	.080	.025	.134	.074	.023	.123	.069	.022	.112	.064	.020		
3.0	.143	.076	.023	.137	.074	.022	.127	.069	.021	.118	.065	.020	.109	.060	.019		
4.0	.135	.070	.021	.130	.068	.020	.121	.064	.019	.113	.061	.018	.105	.057	.017		
5.0	.127	.065	.019	.123	.063	.018	.115	.060	.018	.108	.057	.017	.101	.054	.016		
6.0	.120	.060	.017	.117	.059	.017	.110	.056	.016	.104	.054	.016	.098	.051	.015		
7.0	.114	.056	.016	.111	.055	.016	.105	.053	.015	.099	.051	.015	.094	.049	.014		
8.0	.109	.053	.015	.106	.052	.015	.100	.050	.014	.095	.048	.014	.091	.046	.014		
9.0	.104	.050	.014	.101	.049	.014	.096	.048	.013	.092	.046	.013	.087	.044	.013		
10.0	.099	.047	.013	.097	.047	.013	.092	.045	.013	.088	.044	.012	.084	.042	.012		

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	.212	.212	.212	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023		
1.0	.192	.180	.168	.164	.154	.145	.113	.106	.100	.065	.061	.058	.021	.020	.019		
2.0	.176	.155	.137	.151	.133	.119	.103	.092	.083	.060	.054	.049	.019	.017	.016		
3.0	.162	.136	.115	.139	.117	.099	.096	.081	.070	.055	.048	.041	.018	.015	.013		
4.0	.151	.121	.098	.130	.105	.085	.089	.073	.060	.052	.043	.035	.017	.014	.012		
5.0	.142	.109	.085	.122	.094	.074	.084	.066	.052	.049	.039	.031	.016	.013	.010		
6.0	.133	.100	.075	.115	.086	.066	.079	.060	.046	.046	.035	.028	.015	.012	.009		
7.0	.126	.092	.068	.109	.079	.059	.075	.056	.042	.044	.033	.025	.014	.011	.008		
8.0	.120	.085	.061	.103	.074	.053	.071	.052	.038	.042	.031	.023	.013	.010	.007		
9.0	.114	.080	.056	.099	.069	.049	.068	.049	.035	.040	.029	.021	.013	.009	.007		
10.0	.110	.075	.052	.094	.065	.046	.066	.046	.032	.038	.027	.019	.012	.009	.006		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2253.44x1 lm										
NAME: Blzaeline Mini-600mm-3000K-20D-Rev3					TYPE:3000K			WEIGHT:		
SPEC.:20 DEG					DIM.:600mm			SERIAL No.:		
MFR.:					SUR.: 600mm*40mm			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	9.3	10.1	9.5	10.3	10.5	9.3	10.1	9.6	10.3	10.5
3H	9.4	10.1	9.6	10.3	10.6	9.4	10.2	9.7	10.4	10.6
4H	9.3	10.0	9.6	10.3	10.6	9.4	10.1	9.8	10.4	10.7
6H	9.3	9.9	9.6	10.2	10.5	9.4	10.1	9.8	10.4	10.7
8H	9.2	9.9	9.6	10.2	10.5	9.4	10.0	9.7	10.3	10.6
12H	9.2	9.8	9.6	10.1	10.4	9.4	10.0	9.7	10.3	10.6
4H 2H	9.2	9.9	9.5	10.2	10.4	9.3	10.0	9.6	10.2	10.5
3H	9.3	9.9	9.7	10.2	10.6	9.4	10.0	9.8	10.3	10.7
4H	9.3	9.9	9.7	10.2	10.6	9.5	10.0	9.8	10.3	10.7
6H	9.3	9.8	9.7	10.1	10.5	9.5	9.9	9.9	10.3	10.7
8H	9.2	9.7	9.7	10.1	10.5	9.4	9.9	9.9	10.3	10.7
12H	9.2	9.6	9.6	10.0	10.5	9.4	9.8	9.9	10.2	10.7
8H 4H	9.2	9.7	9.7	10.1	10.5	9.4	9.8	9.8	10.2	10.6
6H	9.2	9.6	9.7	10.0	10.5	9.4	9.7	9.9	10.2	10.7
8H	9.1	9.5	9.6	9.9	10.4	9.4	9.7	9.9	10.2	10.7
12H	9.1	9.4	9.6	9.9	10.4	9.3	9.6	9.8	10.1	10.6
12H 4H	9.2	9.6	9.6	10.0	10.4	9.3	9.7	9.8	10.1	10.6
6H	9.1	9.5	9.6	9.9	10.4	9.3	9.6	9.8	10.1	10.6
8H	9.1	9.4	9.6	9.9	10.4	9.3	9.6	9.8	10.1	10.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.9 / - 3.0					+ 1.9 / - 2.7				
1.5H	+ 3.1 / - 2.5					+ 3.3 / - 2.4				
2.0H	+ 3.3 / - 2.6					+ 2.9 / - 2.1				

CIE Pub.117, 2253 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.8)
Area: 0.354025 m2

C Range: 0 - 360DEG
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Operators:DAMIN
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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:2253.44x1 lm		
NAME: Blzaeline Mini-600mm-3000K-20D-Rev3		TYPE:3000K		WEIGHT:				
SPEC.:20 DEG		DIM.:600mm		SERIAL No.:				
MFR.:		SUR.: 600mm*40mm		Shielding Angle:				

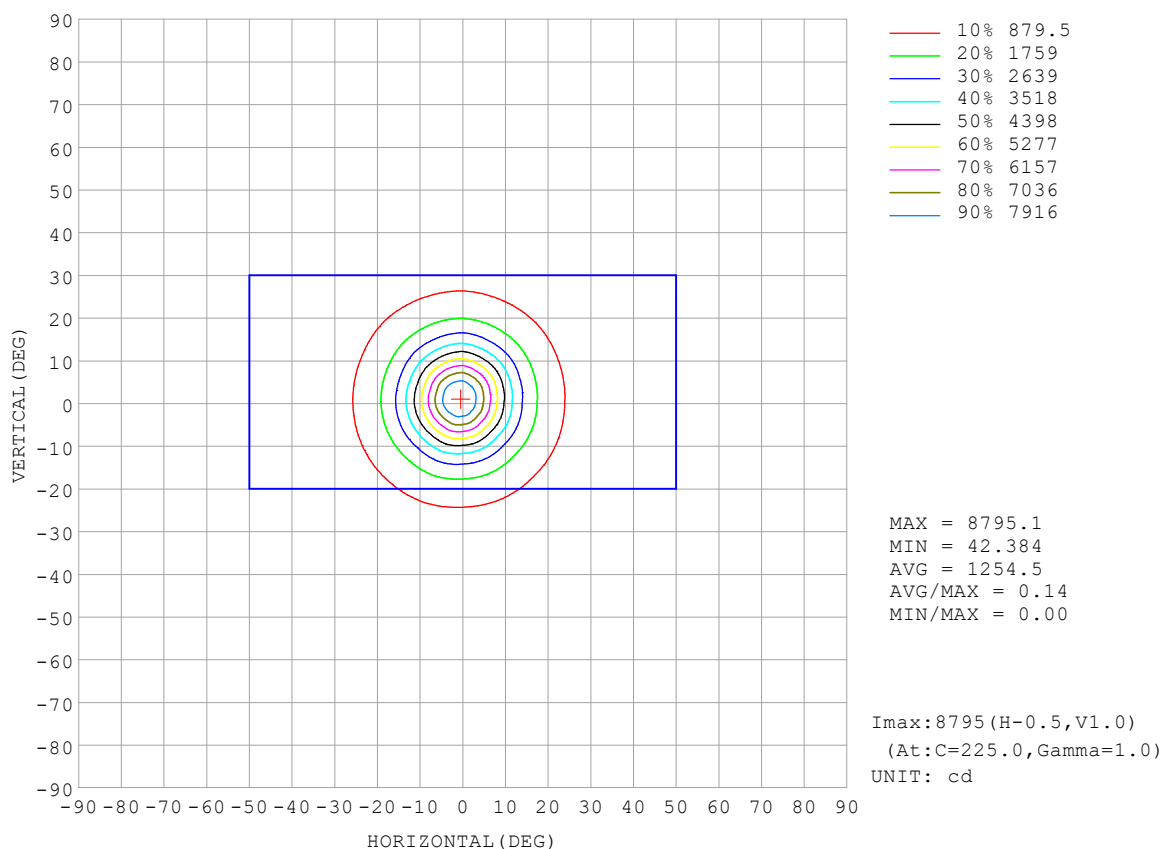
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	75	84	78	74	83	78	74	70
0.80	93	87	83	92	86	82	90	85	82	78
1.00	97	91	88	96	91	87	94	90	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	97	94	89
2.00	107	103	99	105	101	98	102	99	97	91
2.50	109	105	102	107	103	101	103	101	98	92
3.00	111	107	104	108	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	103	95
5.00	114	112	110	112	110	108	107	106	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2253.44x1 lm		
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SPEC.:20 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:

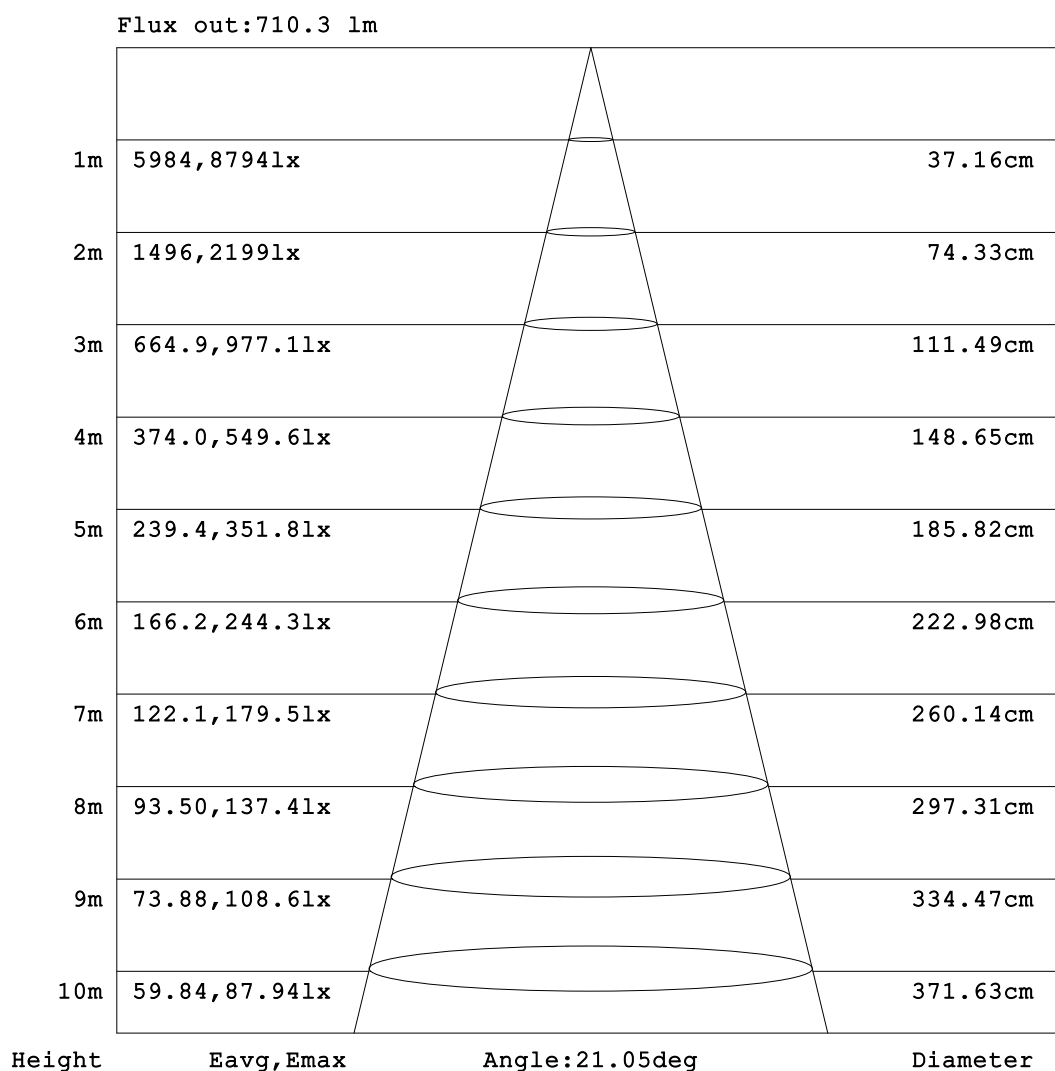


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AAI Figure

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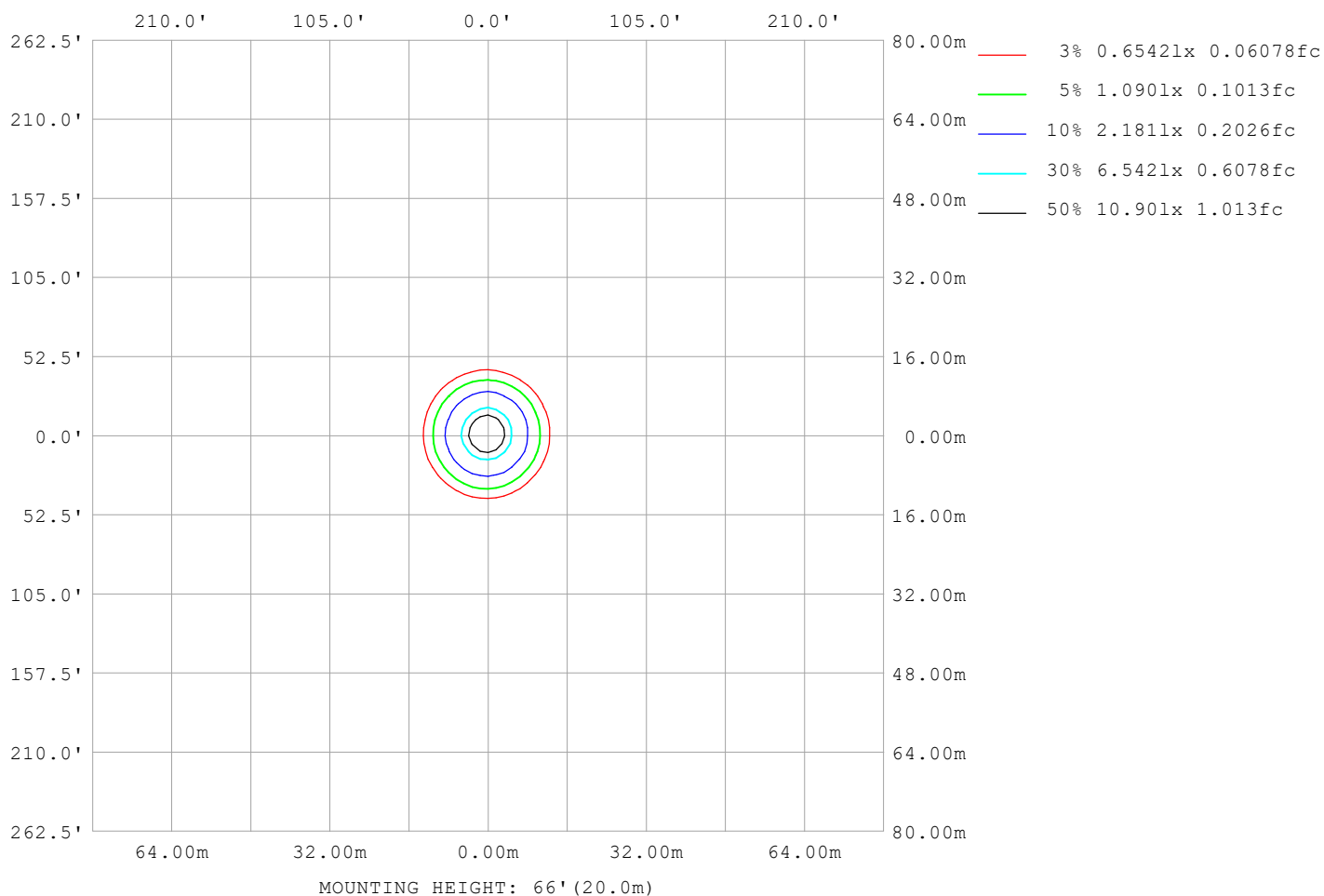
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
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Remarks:

ISOLUX DIAGRAM

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2253.44x1 lm		
NAME: Blzaeline Mini-600mm-3000K-20D-Rev3	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2253.44x1 lm		
NAME: Blzaeline Mini-600mm-3000K-20D-Rev3	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:

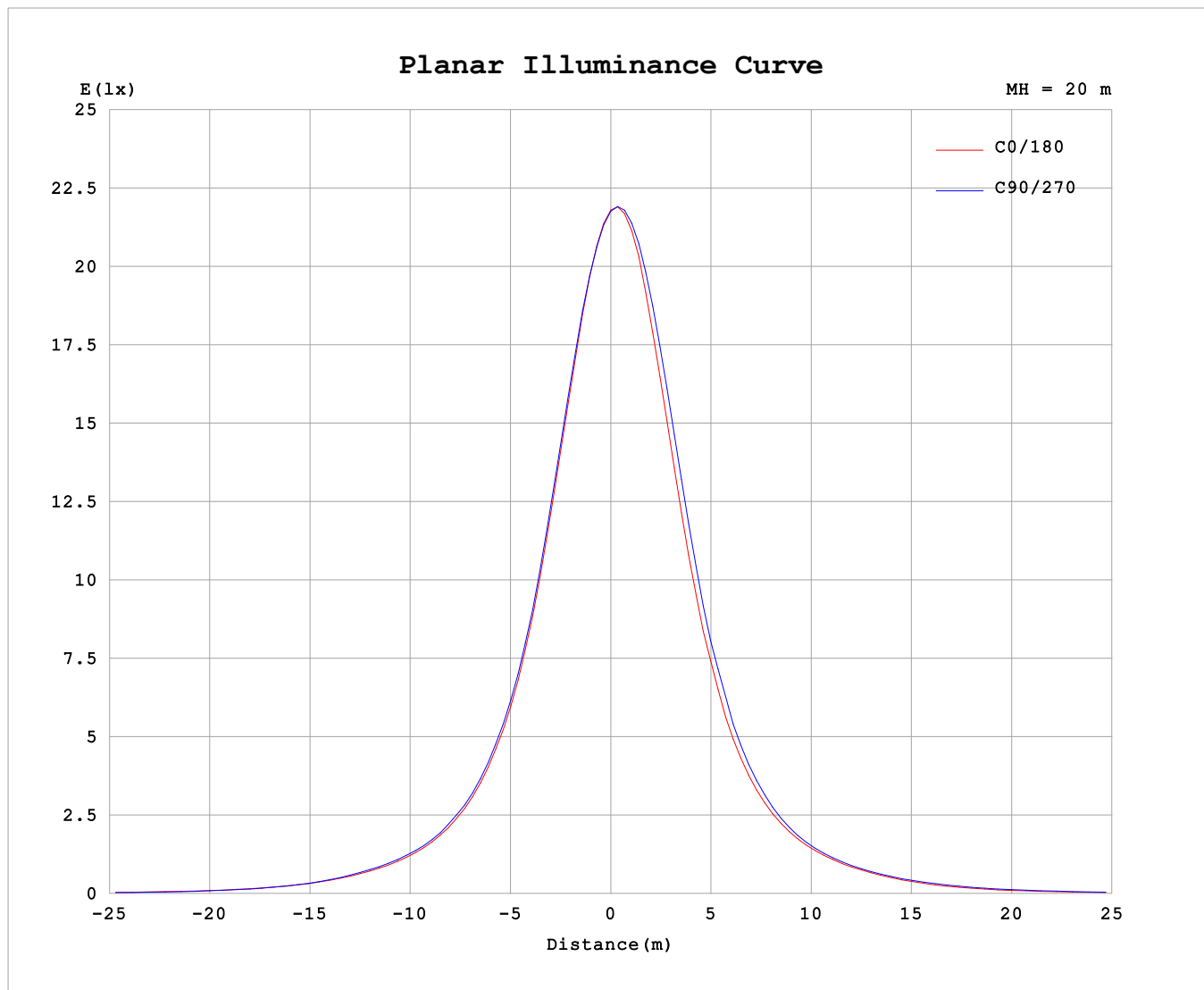
AvgL	cd/m2
L_0~180 (65) av	118
L_0~180 (75) av	63
L_0~180 (85) av	27
L_90~270 (65) av	148
L_90~270 (75) av	84
L_90~270 (85) av	51
L_45 (65) av	127
L_45 (75) av	66
L_45 (85) av	31

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 8.050m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:110.11V I:0.1888A P:20.030W PF:0.9636 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2253.44x1 lm		
NAME:Blzaeline Mini-600mm-3000K-20D-Rev3	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	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	8714	8714	8714	8714	8714	8714	8714	8714	8714	8714	8714	8714	8714	8714	8714	8714			
5	6920	6866	6800	6943	7003	7216	7300	7524	7752	7866	8088	8046	8026	7750	7516	7170			
10	4218	4145	4063	4233	4316	4550	4607	4841	5083	5201	5456	5491	5538	5191	4920	4519			
15	2325	2282	2247	2350	2409	2536	2570	2749	2890	2921	3131	3096	3182	2913	2784	2495			
20	1312	1291	1292	1330	1365	1433	1457	1523	1593	1633	1718	1726	1743	1619	1528	1399			
25	789	783	778	808	827	865	878	914	943	958	1003	999	1004	940	898	831			
30	501	498	497	519	534	557	564	583	595	606	633	625	626	590	566	526			
35	314	311	307	320	329	343	347	363	372	385	402	399	400	375	358	333			
40	189	185	180	184	189	195	200	209	214	228	244	244	245	229	218	202			
45	114	110	105	106	108	110	113	117	122	133	145	147	149	140	132	124			
50	70.5	66.9	63.0	63.3	64.7	64.8	65.8	67.6	71.2	77.4	86.1	88.6	90.7	84.8	80.6	75.6			
55	44.8	42.2	39.9	40.5	45.3	41.0	40.3	40.3	43.8	47.4	51.8	54.2	57.1	52.4	49.8	47.5			
60	29.0	27.1	26.5	27.4	33.6	27.4	25.9	24.6	27.4	29.4	32.4	34.3	39.6	33.8	31.9	30.4			
65	18.2	16.8	17.6	18.0	19.4	17.9	16.8	15.2	17.0	17.9	20.6	22.1	25.0	22.0	20.8	18.8			
70	10.8	9.81	10.6	10.7	11.8	10.6	9.92	8.92	10.2	10.4	12.5	13.2	14.9	13.1	12.7	11.0			
75	5.95	5.32	5.61	6.69	6.93	6.49	5.18	4.81	5.66	5.66	6.57	7.40	8.40	7.50	6.75	5.93			
80	2.70	2.40	2.53	3.40	3.97	3.34	2.29	2.28	2.53	2.58	3.02	4.19	4.75	4.33	3.13	2.75			
85	0.92	0.87	0.92	1.05	1.23	1.01	0.92	1.03	0.76	0.81	0.97	1.24	1.93	1.28	1.06	0.92			
90	0.44	0.46	0.48	0.51	0.48	0.49	0.55	0.63	0.17	0.21	0.27	0.23	0.22	0.22	0.25	0.32			
95	0.52	0.58	0.61	0.67	0.67	0.66	0.63	0.73	0.14	0.15	0.16	0.14	0.14	0.14	0.14	0.21			
100	0.76	0.84	0.90	0.98	0.99	0.94	0.89	0.84	0.17	0.16	0.17	0.16	0.19	0.16	0.18	0.15			
105	1.14	1.24	1.35	1.44	1.46	1.37	1.27	1.20	0.26	0.22	0.24	0.23	0.27	0.24	0.25	0.21			
110	1.75	1.88	2.05	2.15	2.19	2.03	1.88	1.76	0.37	0.33	0.35	0.34	0.40	0.36	0.37	0.33			
115	2.72	2.87	3.13	3.23	3.29	3.04	2.82	2.60	0.57	0.51	0.53	0.54	0.62	0.57	0.56	0.51			
120	4.22	4.41	4.81	4.95	5.01	4.65	4.30	3.92	0.85	0.77	0.78	0.83	0.92	0.88	0.85	0.79			
125	6.58	6.92	7.47	7.65	7.72	7.20	6.62	6.05	1.26	1.16	1.17	1.26	1.38	1.35	1.30	1.24			
130	10.5	11.0	11.7	11.9	12.0	11.2	10.4	9.43	1.91	1.79	1.78	1.91	2.08	2.09	2.02	1.95			
135	16.8	17.3	18.3	18.3	18.3	17.3	16.3	14.9	2.94	2.78	2.70	2.96	3.24	3.24	3.13	3.08			
140	25.9	26.5	27.2	26.8	26.7	25.6	24.6	23.1	4.58	4.34	4.23	4.60	5.01	5.06	4.88	4.87			
145	37.3	37.7	38.0	37.1	36.7	35.7	35.1	33.8	7.07	6.72	6.63	7.01	7.52	7.49	7.41	7.40			
150	49.4	49.6	49.6	48.1	47.4	47.0	46.7	45.6	10.3	10.0	9.98	10.3	10.7	10.6	10.7	10.7			
155	61.2	61.4	61.0	59.0	58.1	58.3	58.2	57.4	14.1	14.0	14.1	14.4	14.6	14.4	14.6	14.7			
160	71.8	71.8	70.8	68.1	68.1	68.6	68.7	68.2	18.6	18.8	18.9	19.5	19.7	19.0	19.2	19.5			
165	79.3	79.2	76.8	73.8	75.3	76.0	76.6	76.4	24.9	24.9	25.5	26.5	26.5	24.8	25.5	26.2			
170	80.8	79.7	76.2	74.4	77.3	78.7	79.5	80.0	33.9	34.2	35.0	36.5	35.8	32.9	33.6	35.2			
175	74.1	70.7	68.2	70.4	72.3	74.4	75.1	75.5	46.1	46.4	47.5	50.1	48.1	46.0	45.7	46.9			
180	62.4	62.4	62.4	65.4	64.1	64.5	64.7	64.8	62.5	62.4	62.5	65.4	64.2	64.6	64.8	64.8			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [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	8714	8714	8714	8714	8714	8714	8714	8714	8714	8714
3.0	7895	7863	7805	7882	7920	8067	8148	8319	8485	8550
6.0	6378	6310	6232	6405	6480	6711	6776	7021	7262	7392
9.0	4735	4649	4567	4744	4838	5073	5126	5368	5630	5756
12.0	3328	3313	3212	3339	3419	3607	3666	3861	4075	4162
15.0	2325	2282	2247	2350	2409	2536	2570	2749	2890	2921
18.0	1643	1612	1590	1660	1709	1793	1820	1908	2005	2054
21.0	1186	1160	1163	1193	1243	1284	1300	1365	1427	1458
24.0	868.7	860.7	852.6	886.4	906.5	949.2	963.5	1005	1040	1060
27.0	656.2	652.0	651.3	676.1	694.3	722.7	734.4	759.5	781.1	794.4
30.0	500.8	498.4	496.7	519.1	533.9	556.5	563.8	582.7	594.7	606.3
33.0	380.8	378.7	374.3	392.2	402.7	421.3	425.6	442.6	452.1	464.4
36.0	284.3	283.2	276.1	290.1	295.2	311.7	312.0	326.3	335.1	348.6
39.0	209.5	204.8	200.3	205.9	211.3	218.8	224.0	234.0	239.9	254.7
42.0	154.3	150.3	145.3	147.6	150.4	154.8	159.3	166.0	170.0	183.0
45.0	114.4	110.3	105.4	106.4	107.8	110.1	113.4	117.3	121.9	133.4
48.0	85.32	81.45	76.86	77.29	78.46	79.56	81.66	83.89	88.13	95.58
51.0	64.18	60.84	57.27	57.60	59.32	58.71	59.36	60.83	64.41	69.84
54.0	48.99	46.12	43.58	44.11	47.97	44.58	44.30	44.57	48.12	52.06
57.0	37.68	35.37	33.67	34.46	41.13	34.74	33.71	33.05	36.26	39.11
60.0	28.96	27.05	26.46	27.43	33.57	27.42	25.93	24.64	27.38	29.41
63.0	22.08	20.39	20.81	21.64	23.93	21.59	20.08	18.49	20.64	21.95
66.0	16.51	15.13	16.12	16.24	17.56	16.13	15.31	13.72	15.44	16.16
69.0	12.06	10.99	11.87	11.86	13.07	11.78	11.15	9.986	11.35	11.68
72.0	8.626	7.770	8.332	8.726	9.560	8.634	7.768	7.074	8.175	8.288
75.0	5.954	5.323	5.610	6.686	6.927	6.491	5.182	4.809	5.658	5.665
78.0	3.823	3.398	3.577	5.030	5.077	4.951	3.269	3.113	3.615	3.656
81.0	2.194	1.966	2.073	2.726	3.434	2.678	1.899	1.929	2.080	2.112
84.0	1.135	1.053	1.110	1.357	1.702	1.305	1.088	1.189	1.007	1.055
87.0	0.6540	0.6169	0.6538	0.6958	0.7246	0.6432	0.6999	0.8013	0.4311	0.4861
90.0	0.4364	0.4617	0.4805	0.5108	0.4846	0.4939	0.5475	0.6330	0.1695	0.2120
93.0	0.4655	0.5152	0.5251	0.5964	0.5869	0.5785	0.5915	0.6825	0.1392	0.1524
96.0	0.5595	0.6234	0.6636	0.7312	0.7217	0.7049	0.6636	0.7423	0.1523	0.1540
99.0	0.6982	0.7847	0.8338	0.9110	0.9139	0.8840	0.8200	0.7912	0.1703	0.1556
102.0	0.8906	0.9736	1.062	1.137	1.156	1.080	1.013	0.9656	0.2109	0.1791
105.0	1.136	1.241	1.352	1.440	1.456	1.368	1.272	1.199	0.2645	0.2236
108.0	1.466	1.581	1.737	1.826	1.854	1.728	1.603	1.493	0.3321	0.2865
111.0	1.909	2.041	2.230	2.326	2.368	2.205	2.037	1.894	0.4080	0.3705
114.0	2.485	2.635	2.880	2.980	3.033	2.809	2.601	2.405	0.5203	0.4650
117.0	3.238	3.407	3.715	3.815	3.887	3.598	3.327	3.079	0.6637	0.6034
120.0	4.216	4.412	4.809	4.948	5.006	4.646	4.302	3.923	0.8467	0.7657
123.0	5.505	5.787	6.250	6.426	6.487	6.039	5.555	5.085	1.076	0.9871
126.0	7.226	7.572	8.186	8.350	8.435	7.863	7.245	6.605	1.377	1.270
129.0	9.565	9.996	10.72	10.93	11.00	10.28	9.491	8.608	1.766	1.650
132.0	12.67	13.17	14.06	14.22	14.31	13.37	12.46	11.31	2.255	2.133
135.0	16.75	17.31	18.26	18.31	18.32	17.27	16.26	14.88	2.938	2.777
138.0	21.85	22.47	23.31	23.19	23.15	21.98	20.97	19.45	3.831	3.631
141.0	28.04	28.55	29.19	28.80	28.64	27.45	26.59	25.06	5.005	4.741
144.0	34.90	35.31	35.70	34.97	34.64	33.61	32.87	31.53	6.498	6.166
147.0	42.12	42.43	42.55	41.44	40.97	40.17	39.65	38.46	8.268	7.941
150.0	49.41	49.64	49.56	48.13	47.45	47.00	46.66	45.62	10.29	10.00
153.0	56.58	56.77	56.57	54.78	53.94	53.88	53.70	52.72	12.50	12.31
156.0	63.37	63.57	63.12	61.02	60.20	60.54	60.46	59.63	14.92	14.90
159.0	69.82	69.91	69.03	66.48	66.22	66.76	66.74	66.14	17.63	17.71
162.0	75.34	75.29	73.78	70.86	71.49	71.91	72.21	71.91	20.83	20.99
165.0	79.30	79.15	76.79	73.76	75.26	76.00	76.57	76.44	24.85	24.92
168.0	80.97	80.52	77.43	74.71	77.20	78.43	79.15	79.39	29.88	30.10
171.0	80.24	78.72	75.07	74.33	76.90	78.48	79.19	79.79	36.14	36.47
174.0	76.22	73.16	70.16	71.68	73.52	75.91	76.45	77.09	43.56	43.80
177.0	69.75	68.34	66.59	70.06	70.24	71.54	72.03	72.16	51.73	52.47
180.0	62.38	62.40	62.37	65.40	64.10	64.53	64.66	64.80	62.55	62.40
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	8714	8714	8714	8714	8714	8714				
3.0	8671	8626	8596	8416	8286	8061				
6.0	7657	7625	7620	7303	7045	6665				
9.0	6021	6045	6083	5727	5452	5036				
12.0	4393	4412	4470	4154	3927	3574				
15.0	3131	3096	3182	2913	2784	2495				
18.0	2162	2178	2199	2043	1920	1756				
21.0	1533	1539	1553	1444	1367	1270				
24.0	1108	1124	1113	1043	990.4	917.8				
27.0	828.0	821.2	824.4	775.0	741.8	689.5				
30.0	632.7	625.1	625.8	590.1	565.8	526.2				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Photometric Data Table [cd]

33.0	484.2	478.8	478.7	451.0	431.1	401.6
36.0	365.9	363.1	363.9	340.3	325.4	301.8
39.0	273.3	270.1	273.7	252.7	241.0	223.4
42.0	198.2	198.6	200.5	186.6	178.0	165.3
45.0	145.1	146.8	148.9	140.0	132.4	124.4
48.0	106.5	108.3	110.9	103.0	98.30	91.72
51.0	77.52	80.16	82.29	76.80	72.96	68.72
54.0	57.18	59.62	62.35	57.47	54.72	52.03
57.0	42.85	44.82	48.62	43.64	41.54	39.78
60.0	32.39	34.28	39.64	33.76	31.86	30.40
63.0	24.69	26.45	30.88	26.27	24.69	22.99
66.0	18.82	20.08	22.51	20.08	19.03	16.99
69.0	13.93	14.77	16.60	14.66	14.18	12.27
72.0	9.771	10.54	11.96	10.51	9.988	8.665
75.0	6.568	7.395	8.399	7.503	6.747	5.934
78.0	4.229	5.429	5.909	5.675	4.371	3.847
81.0	2.504	3.437	4.162	3.563	2.605	2.272
84.0	1.269	1.664	2.521	1.728	1.376	1.165
87.0	0.5354	0.6281	0.9129	0.6739	0.6085	0.6057
90.0	0.2736	0.2258	0.2193	0.2218	0.2511	0.3249
93.0	0.2064	0.1486	0.1346	0.1349	0.1743	0.3141
96.0	0.1392	0.1428	0.1483	0.1399	0.1351	0.1545
99.0	0.1573	0.1477	0.1842	0.1567	0.1662	0.1347
102.0	0.1887	0.1881	0.2293	0.1882	0.2021	0.1615
105.0	0.2428	0.2329	0.2741	0.2375	0.2468	0.2147
108.0	0.3015	0.2911	0.3456	0.3090	0.3143	0.2735
111.0	0.3870	0.3894	0.4409	0.4032	0.3912	0.3542
114.0	0.4854	0.5000	0.5752	0.5242	0.5126	0.4707
117.0	0.6084	0.6450	0.7240	0.6812	0.6559	0.6144
120.0	0.7789	0.8263	0.9203	0.8827	0.8451	0.7894
123.0	1.005	1.061	1.174	1.138	1.101	1.030
126.0	1.280	1.360	1.493	1.467	1.425	1.353
129.0	1.642	1.747	1.915	1.914	1.851	1.768
132.0	2.103	2.264	2.483	2.493	2.422	2.352
135.0	2.699	2.955	3.243	3.244	3.134	3.080
138.0	3.543	3.867	4.224	4.257	4.095	4.065
141.0	4.642	5.033	5.468	5.492	5.328	5.317
144.0	6.072	6.466	6.957	6.952	6.853	6.829
147.0	7.864	8.213	8.708	8.667	8.634	8.643
150.0	9.978	10.27	10.68	10.58	10.67	10.69
153.0	12.32	12.61	12.93	12.75	12.92	12.97
156.0	14.93	15.29	15.50	15.20	15.43	15.52
159.0	17.80	18.37	18.54	17.96	18.23	18.44
162.0	21.22	22.04	22.18	21.12	21.52	21.94
165.0	25.52	26.45	26.46	24.81	25.48	26.24
168.0	30.82	32.10	31.74	29.31	30.07	31.13
171.0	37.26	38.98	37.96	35.07	35.57	37.35
174.0	44.76	47.09	45.28	42.86	42.72	44.15
177.0	53.27	56.27	54.24	53.08	52.58	53.26
180.0	62.47	65.39	64.21	64.56	64.77	64.82

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks: