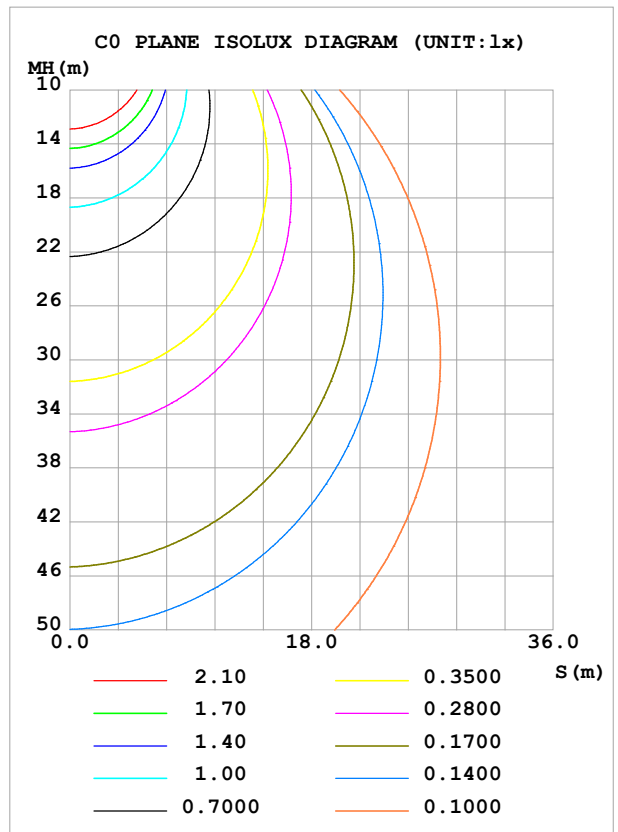
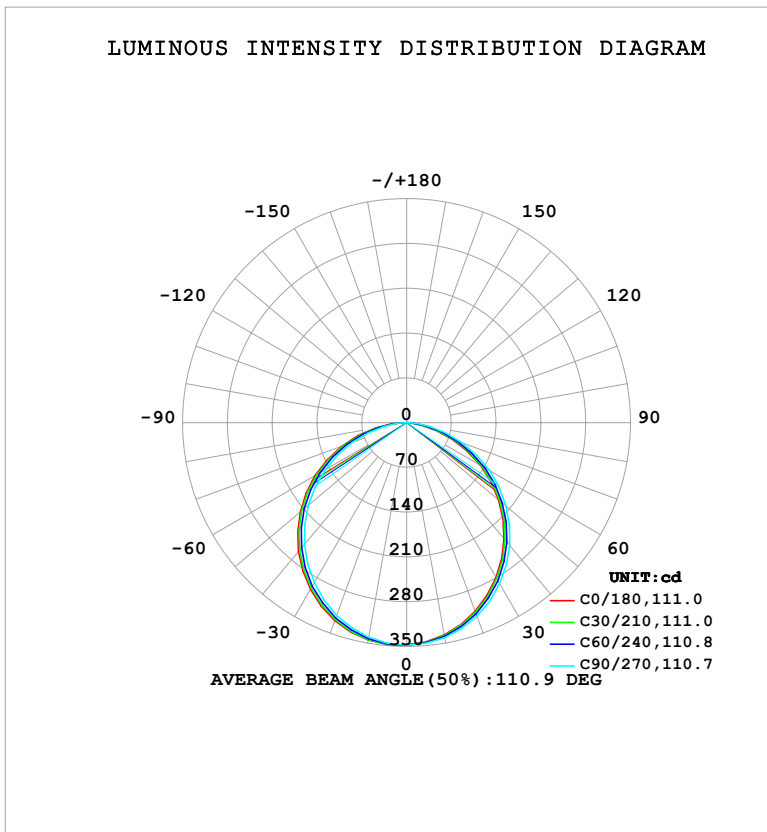


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 82.62 lm/W
MODELS-SM-6TL-12W-5CCT-BL-27K		I _{max} (cd)	348.1	S/MH (C0/180)		1.28
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)		1.24
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	975.01	η UP, DN (C0-180)		0.0,49.4
NOMINAL FLUX (lm)	975.007	CIE CLASS	DIRECT	η UP, DN (C180-360)		0.0,50.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX		1.35



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 6.144m [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	337.0	338.5	341.3	343.7	345.0	343.5	340.6	338.3	0- 10	32.87	32.87	3.37,3.37
20	313.8	316.5	321.8	326.4	328.9	326.1	320.3	316.0	10- 20	93.85	126.7	13,13
30	279.7	283.5	290.9	297.4	300.9	296.9	289.0	282.9	20- 30	141.5	268.2	27.5,27.5
40	237.0	241.6	250.5	258.5	263.0	258.0	248.3	240.9	30- 40	169.5	437.7	44.9,44.9
50	187.7	192.8	202.9	212.1	217.3	211.8	200.6	192.2	40- 50	174.9	612.6	62.8,62.8
60	132.9	138.5	149.5	159.5	165.4	159.3	147.2	137.8	50- 60	157.4	770.0	79,79
70	75.17	81.01	91.93	102.3	108.2	102.2	90.00	80.15	60- 70	119.0	889.0	91.2,91.2
80	23.55	28.24	36.81	45.24	50.08	45.74	36.53	27.87	70- 80	67.02	956.0	98.1,98.1
90	1.077	0.9923	1.010	3.193	5.524	4.507	2.450	1.734	80- 90	18.96	975.0	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 525.95 lm

%lum = 53.9%

%lamp = 53.9%

Conical surface Flux(130deg): 835.41 lm

%lum = 85.7%

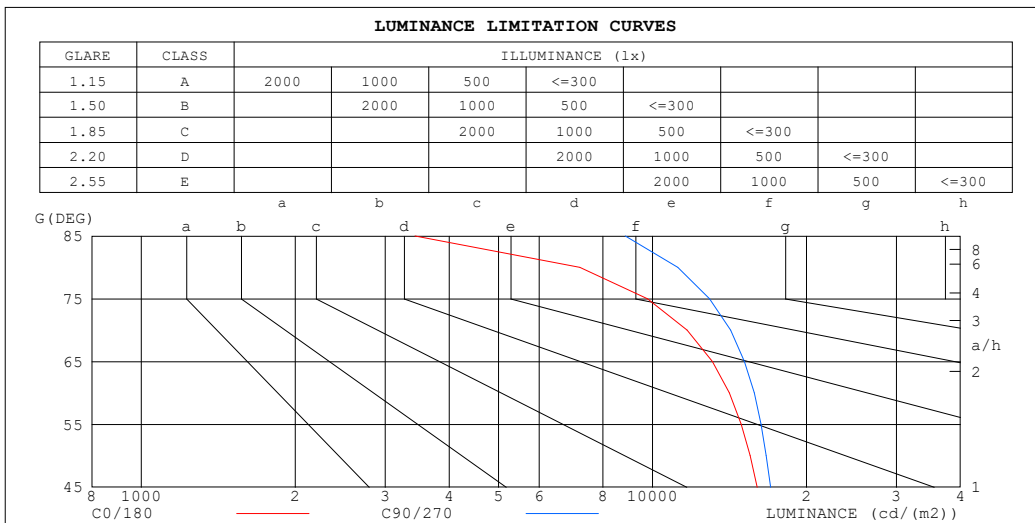
%lamp = 85.7%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3428	8840
80	7209	11207
75	9775	12930
70	11681	14209
65	13100	15134
60	14132	15810
55	14904	16305
50	15517	16690
45	16018	17015

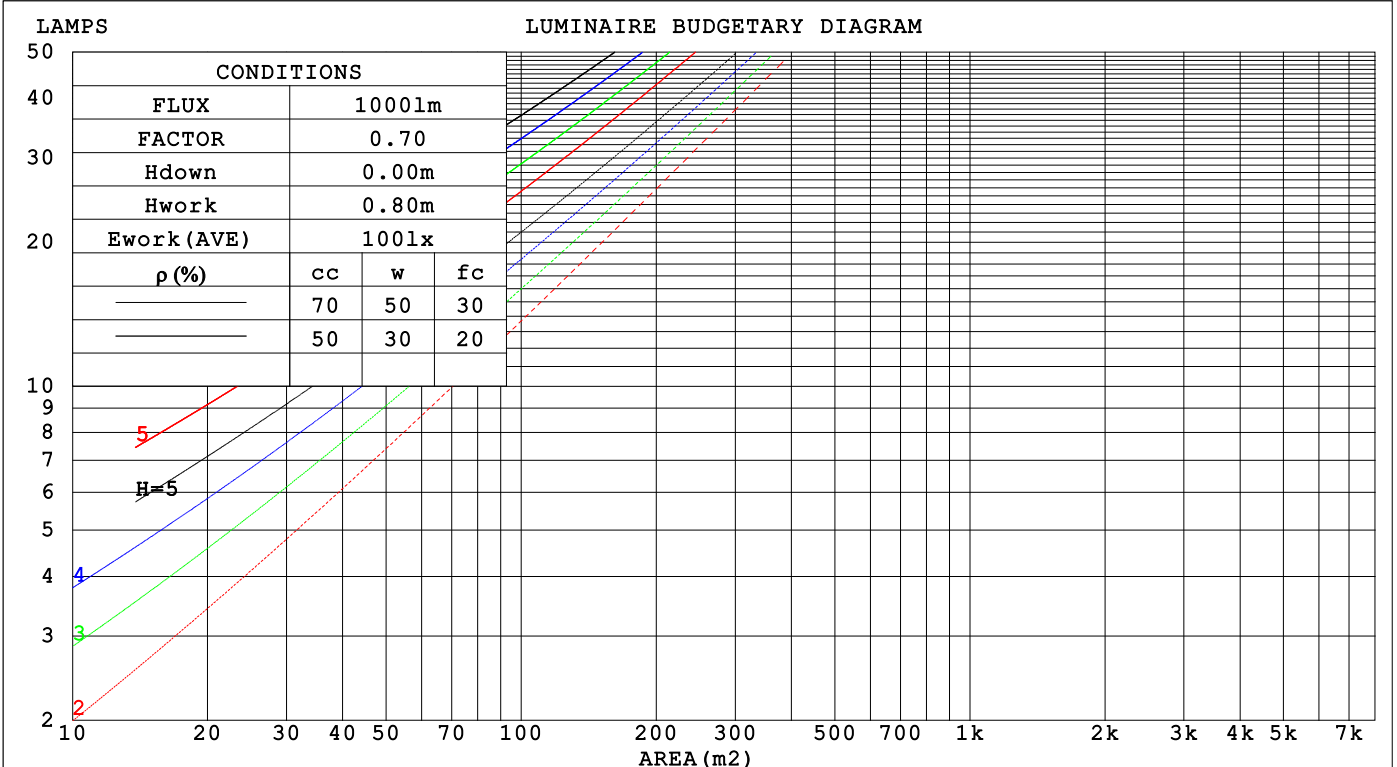
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	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%
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	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.54	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.50	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz								
Lamp Flux:975.007x1 lm								
NAME: LS-SM-6TL-12W-5CCT-BL			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.: 1#27K		
MFR.: YOURZOR			SUR.: 0.155			Shielding Angle:		

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.309	.176	.056	.302	.172	.055	.289	.166	.053	.277	.160	.051	.265	.154	.050	
2.0	.291	.159	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.143	.045	
3.0	.269	.143	.043	.264	.141	.043	.253	.137	.042	.244	.134	.041	.235	.130	.040	
4.0	.249	.129	.038	.244	.128	.038	.235	.124	.037	.226	.121	.037	.218	.119	.036	
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.210	.111	.033	.203	.108	.033	
6.0	.213	.107	.031	.209	.106	.030	.202	.104	.030	.195	.102	.030	.189	.100	.030	
7.0	.198	.098	.028	.195	.097	.028	.189	.095	.027	.183	.094	.027	.177	.092	.027	
8.0	.185	.091	.025	.182	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.148	.074	.021	

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0																
1.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
2.0	.172	.132	.098	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.074	.141	.099	.064	.097	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	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	22.1	23.6	22.4	23.8	24.0	22.5	24.0	22.7	24.2	24.4
3H	23.3	24.7	23.6	25.0	25.2	23.9	25.3	24.2	25.6	25.8
4H	23.7	25.1	24.1	25.3	25.6	24.5	25.8	24.8	26.1	26.3
6H	23.9	25.2	24.2	25.4	25.7	24.8	26.1	25.2	26.4	26.6
8H	23.9	25.1	24.2	25.4	25.7	24.9	26.1	25.2	26.4	26.7
12H	23.8	25.0	24.2	25.3	25.6	24.9	26.1	25.3	26.4	26.7
4H 2H	22.7	24.0	23.0	24.3	24.5	23.0	24.3	23.3	24.6	24.8
3H	24.1	25.3	24.4	25.6	25.9	24.6	25.8	25.0	26.1	26.4
4H	24.6	25.7	25.0	26.0	26.3	25.2	26.3	25.6	26.6	27.0
6H	24.8	25.8	25.2	26.1	26.5	25.7	26.6	26.1	27.0	27.4
8H	24.8	25.7	25.2	26.1	26.5	25.8	26.7	26.2	27.0	27.4
12H	24.8	25.6	25.2	26.0	26.4	25.8	26.7	26.3	27.0	27.5
8H 4H	24.8	25.7	25.2	26.0	26.4	25.4	26.3	25.8	26.6	27.0
6H	25.1	25.8	25.6	26.3	26.7	25.9	26.7	26.4	27.1	27.5
8H	25.1	25.8	25.6	26.2	26.7	26.0	26.7	26.5	27.1	27.6
12H	25.1	25.7	25.6	26.1	26.6	26.2	26.7	26.6	27.2	27.6
12H 4H	24.8	25.6	25.2	26.0	26.4	25.4	26.2	25.8	26.6	27.0
6H	25.1	25.8	25.6	26.2	26.6	25.9	26.6	26.4	27.0	27.4
8H	25.1	25.7	25.6	26.2	26.6	26.1	26.6	26.5	27.1	27.5

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.2 / - 0.2	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.4	+ 0.1 / - 0.3
2.0H	+ 0.3 / - 0.5	+ 0.3 / - 0.3

CIE Pub.117, 975.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)
Area: 0.0189 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-02-02

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	Shielding Angle:

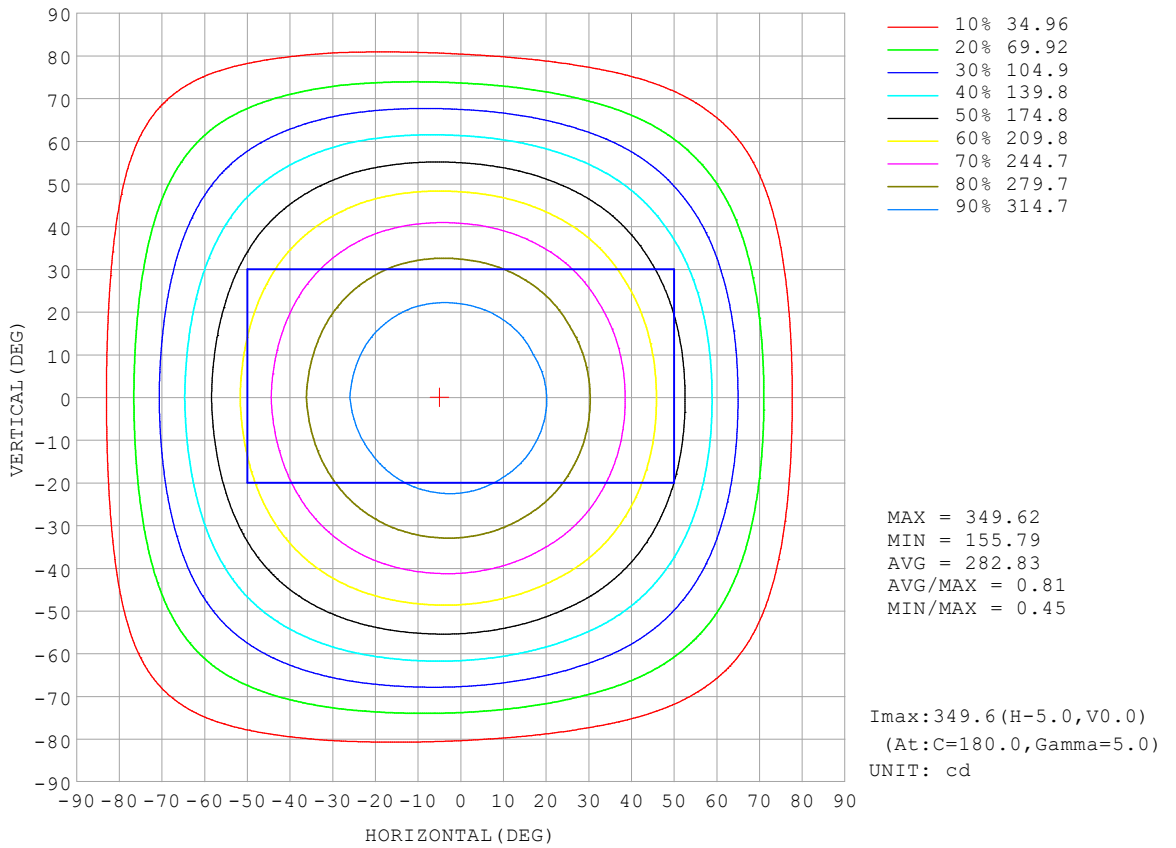
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	57	73	66	57	50
1.25	83	73	66	82	72	65	79	71	64	57
1.50	88	78	71	87	77	71	84	76	70	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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:25.3°C
 Operators:DAMIN
 Test Date:2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	Shielding Angle:

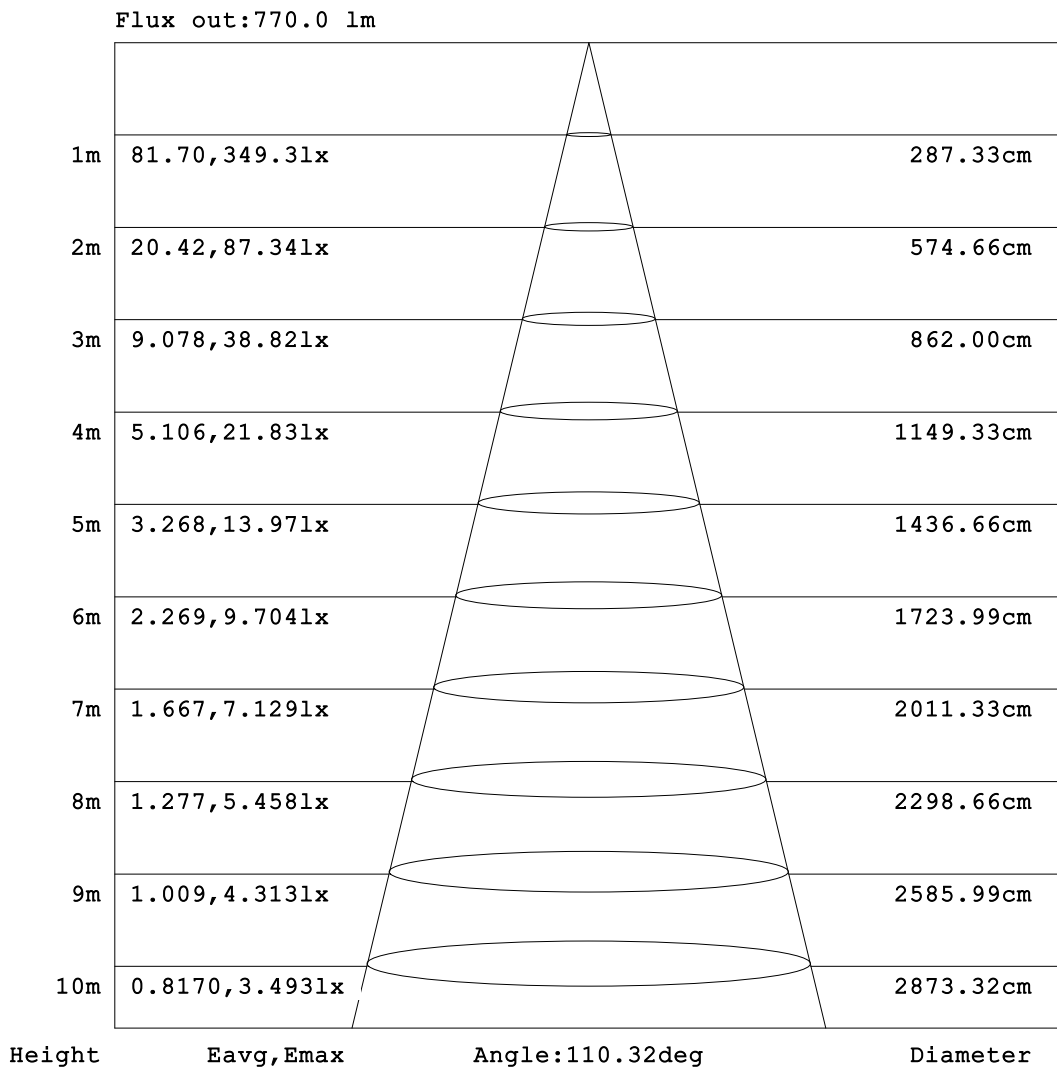


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 6.144m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	Shielding Angle:



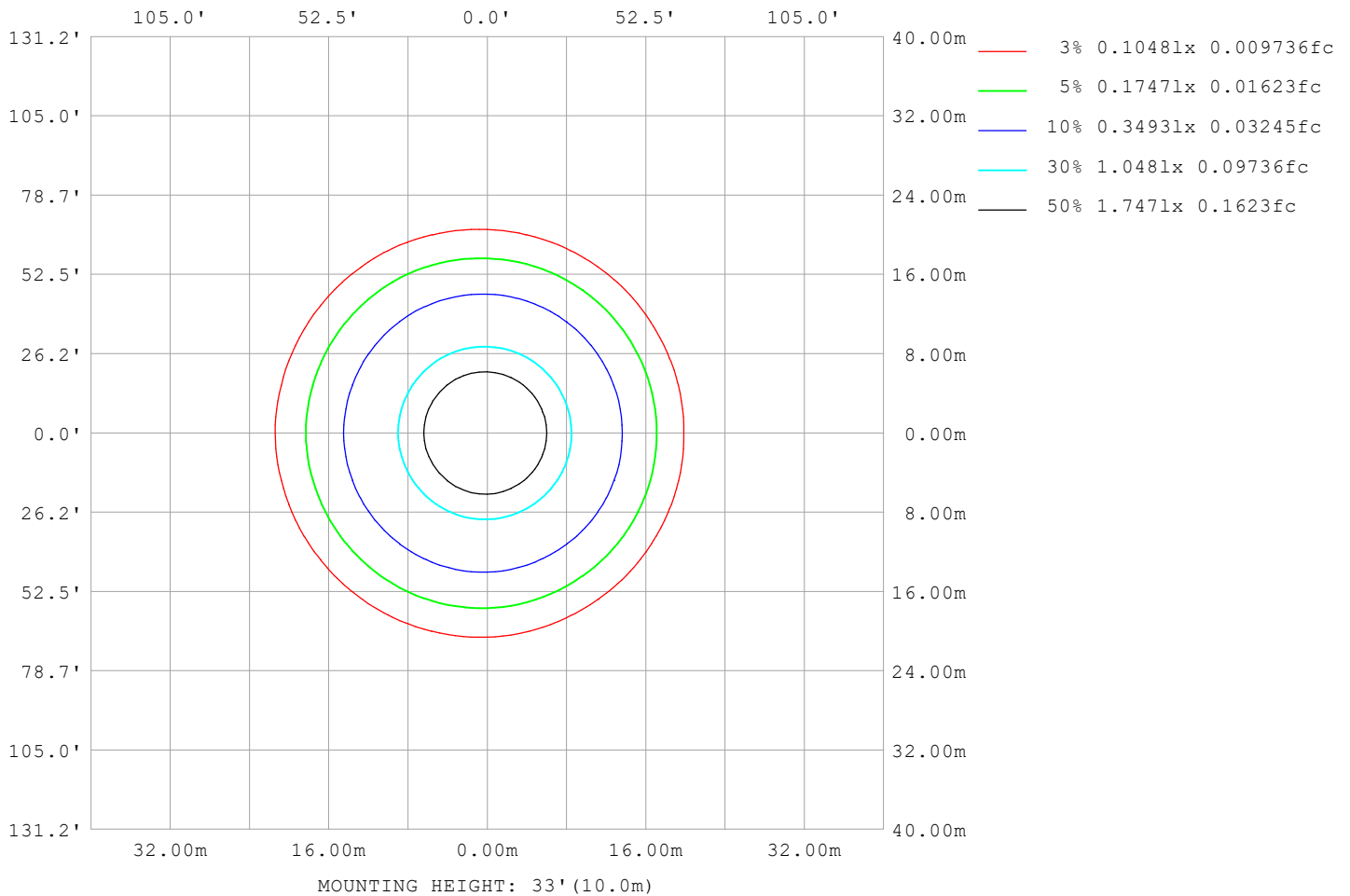
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.95V I:0.1058A P:11.801W PF:0.9222 Freq:60.00Hz Lamp Flux:975.007x1 lm		
NAME: LS-SM-6TL-12W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#27K
MFR.: YOURZOR	SUR.: 0.155	Shielding Angle:

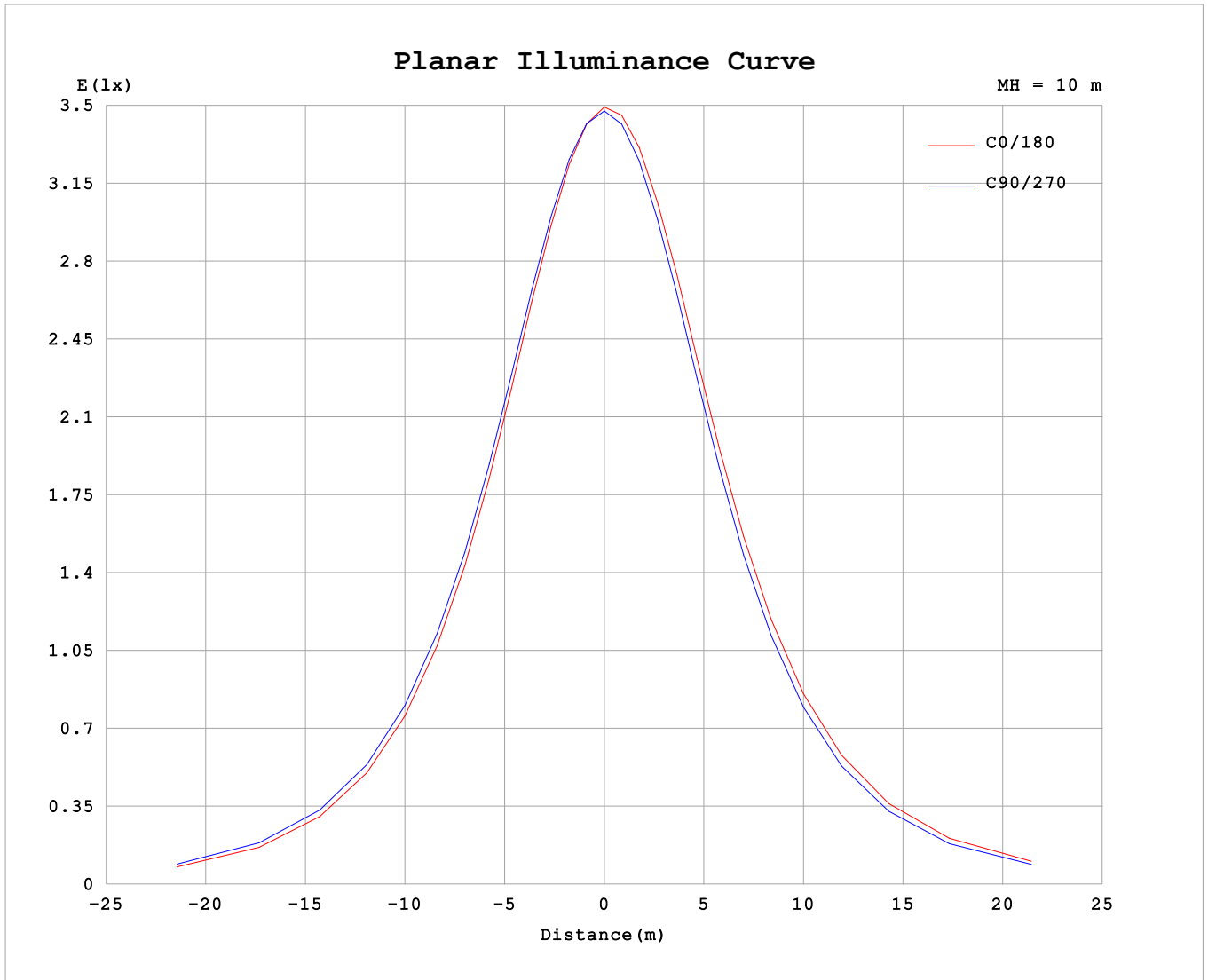
AvgL	cd/m2
L_0~180 (65) av	15116
L_0~180 (75) av	12912
L_0~180 (85) av	9225
L_90~270 (65) av	15005
L_90~270 (75) av	12821
L_90~270 (85) av	9152
L_45 (65) av	15071
L_45 (75) av	12873
L_45 (85) av	9201

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2026-02-02

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 6.144m [K=1.0000]
 Remarks:

