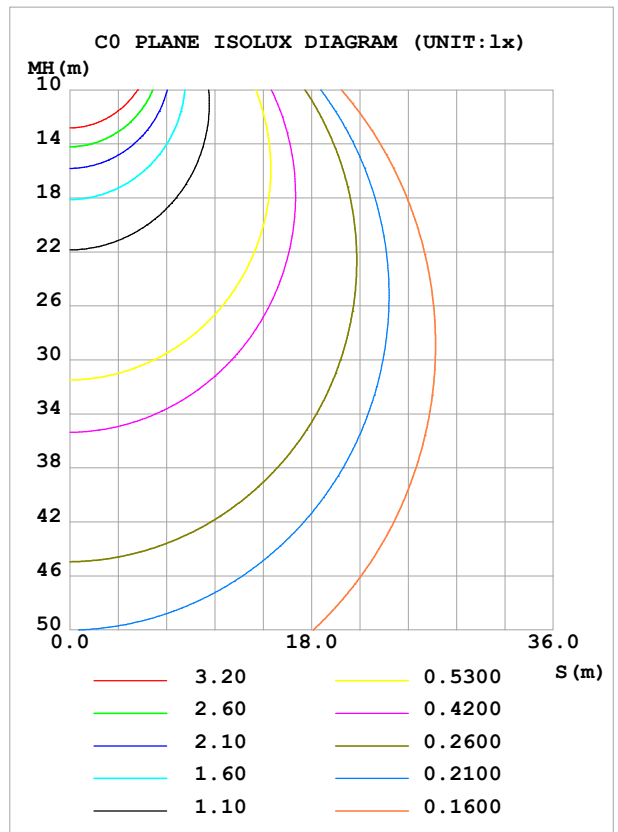
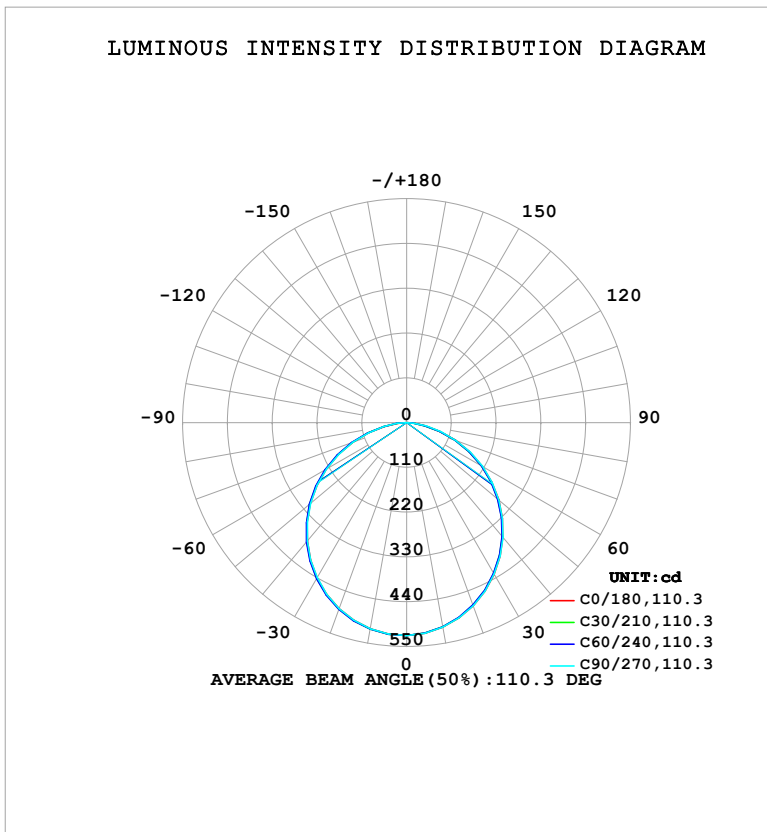


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz Lamp Flux:1452.69x1 lm		
NAME: LS-SM-8TL-18W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#-27K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODELS-SM-8TL-18W-5CCT-BL-27K		Imax (cd)	522.6	S/MH (C0/180)	1.25
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1452.7	η UP, DN (C0-180)	0.0,49.1
NOMINAL FLUX (lm)	1452.69	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,50.9
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: 2026-01-30

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	510.3	509.3	510.3	512.0	514.3	515.1	514.2	512.5	0- 10	49.39	49.39	3.4,3.4
20	478.7	476.8	478.5	481.7	486.0	487.6	485.9	482.6	10- 20	140.9	190.3	13.1,13.1
30	430.1	427.8	430.0	434.4	440.2	442.4	440.0	435.7	20- 30	212.2	402.5	27.7,27.7
40	367.9	365.3	368.1	373.2	380.1	382.6	379.6	374.5	30- 40	254.0	656.6	45.2,45.2
50	295.4	292.7	295.8	301.4	308.7	311.4	308.2	302.7	40- 50	261.6	918.2	63.2,63.2
60	214.6	212.0	215.3	220.8	228.2	230.9	227.5	221.8	50- 60	234.6	1153	79.4,79.4
70	128.1	125.9	129.5	134.5	140.5	143.6	140.5	135.2	60- 70	176.5	1329	91.5,91.5
80	47.23	45.45	49.17	52.43	55.40	58.16	57.24	53.26	70- 80	97.80	1427	98.2,98.2
90	0.9950	0.9963	0.9470	0.9019	1.129	1.835	1.240	1.101	80- 90	25.56	1453	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): 788.6 lm

%lum = 54.3%

%lamp = 54.3%

Conical surface Flux(130deg): 1250 lm

%lum = 86.0%

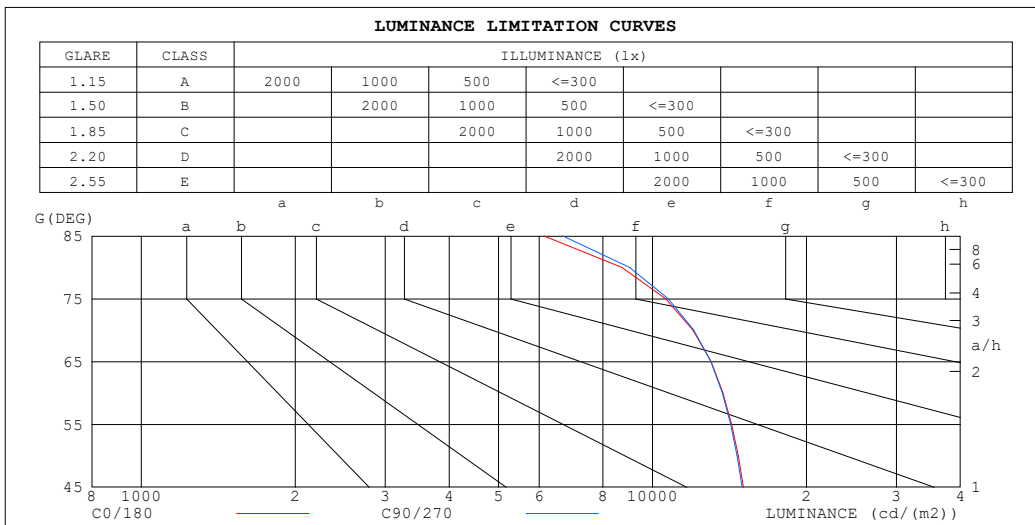
%lamp = 86.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz Lamp Flux:1452.69x1 lm		
NAME: LS-SM-8TL-18W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#-27K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6130	6680
80	8707	9007
75	10611	10738
70	11994	12046
65	13012	12996
60	13737	13693
55	14280	14220
50	14713	14637
45	15067	14982

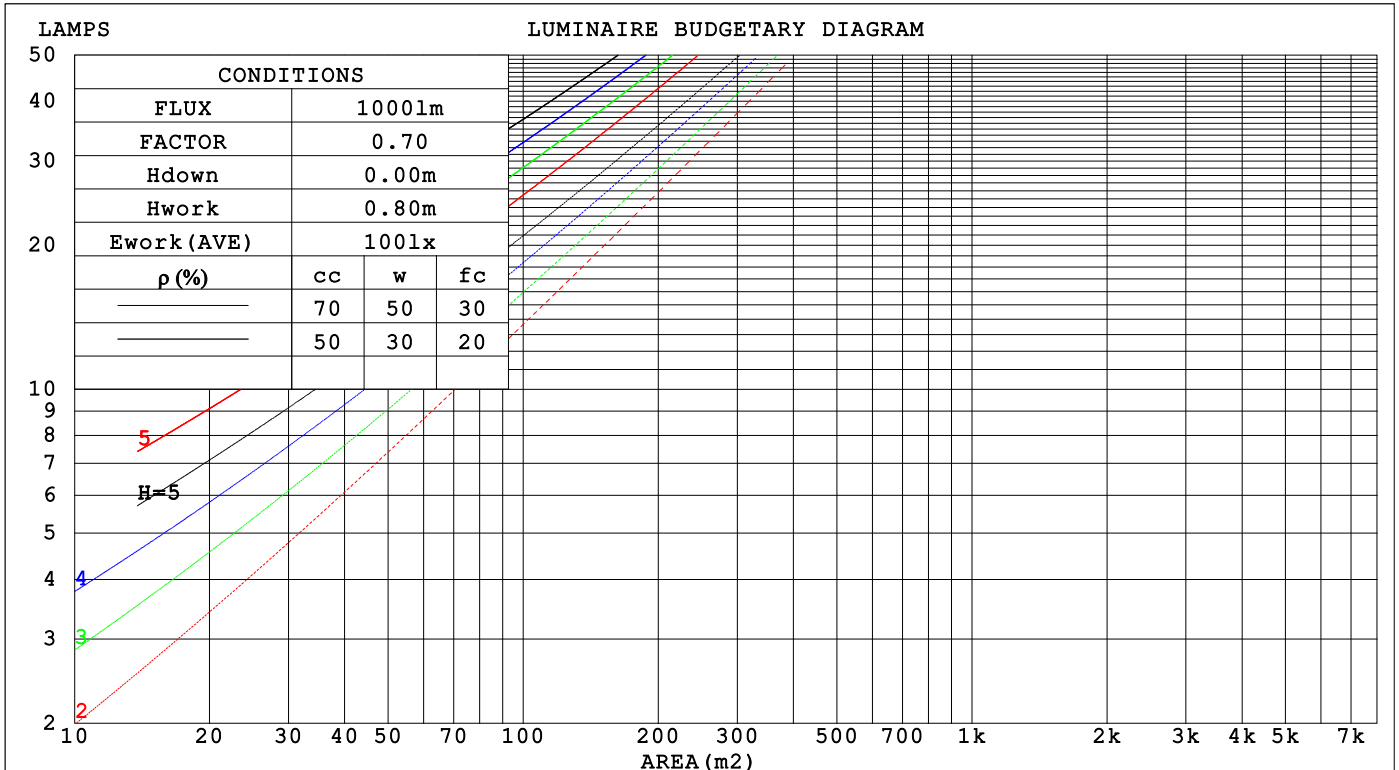
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz Lamp Flux:1452.69x1 lm		
NAME: LS-SM-8TL-18W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#-27K
MFR.: YOURZOR	SUR.: 0.200	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	.98	.94	.91	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.71	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.32	.45	.38	.32	.44	.37	.32	.43	.36	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.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:2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz								
Lamp Flux:1452.69x1 lm								
NAME: LS-SM-8TL-18W-5CCT-BL			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.: 1#-27K		
MFR.: YOURZOR			SUR.: 0.200			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	.306	.174	.055	.299	.171	.054	.286	.164	.052	.274	.158	.051	.263	.152	.049	
2.0	.289	.158	.049	.283	.156	.048	.271	.151	.047	.260	.146	.046	.251	.142	.045	
3.0	.268	.143	.043	.263	.141	.042	.252	.137	.042	.243	.133	.041	.234	.129	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.225	.115	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.105	.030	.202	.103	.030	.195	.101	.030	.188	.099	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.173	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.147	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.098	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.141	.099	.065	.097	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.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:2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz										
Lamp Flux:1452.69x1 lm										
NAME: LS-SM-8TL-18W-5CCT-BL					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 1#-27K		
MFR.: YOURZOR					SUR.: 0.200			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	20.7	22.2	20.9	22.4	22.6	20.6	22.2	20.9	22.4	22.6
3H	22.1	23.5	22.4	23.7	23.9	22.0	23.4	22.3	23.7	23.9
4H	22.6	23.9	22.9	24.1	24.4	22.6	23.9	22.9	24.1	24.4
6H	22.8	24.1	23.2	24.4	24.6	22.8	24.1	23.2	24.4	24.7
8H	22.9	24.1	23.2	24.4	24.6	22.9	24.1	23.2	24.4	24.7
12H	22.9	24.0	23.2	24.3	24.6	22.9	24.1	23.3	24.4	24.7
4H 2H	21.2	22.6	21.6	22.8	23.1	21.2	22.5	21.5	22.8	23.1
3H	22.8	24.0	23.1	24.3	24.6	22.8	23.9	23.1	24.2	24.5
4H	23.4	24.5	23.8	24.8	25.1	23.4	24.4	23.7	24.8	25.1
6H	23.8	24.7	24.2	25.1	25.4	23.8	24.7	24.2	25.1	25.4
8H	23.8	24.7	24.2	25.1	25.4	23.8	24.7	24.2	25.1	25.5
12H	23.8	24.7	24.3	25.0	25.4	23.9	24.7	24.3	25.1	25.5
8H 4H	23.6	24.5	24.0	24.8	25.2	23.6	24.4	24.0	24.8	25.2
6H	24.0	24.8	24.5	25.2	25.6	24.0	24.8	24.5	25.2	25.6
8H	24.1	24.8	24.6	25.2	25.6	24.2	24.8	24.6	25.2	25.7
12H	24.2	24.8	24.7	25.2	25.7	24.2	24.8	24.7	25.2	25.7
12H 4H	23.6	24.4	24.0	24.8	25.2	23.6	24.4	24.0	24.7	25.1
6H	24.0	24.7	24.5	25.1	25.6	24.0	24.7	24.5	25.1	25.6
8H	24.2	24.7	24.6	25.2	25.6	24.2	24.7	24.7	25.2	25.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117, 1453 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.3)
 Area: 0.0314 m2

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz Lamp Flux:1452.69x1 lm		
NAME: LS-SM-8TL-18W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#-27K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:

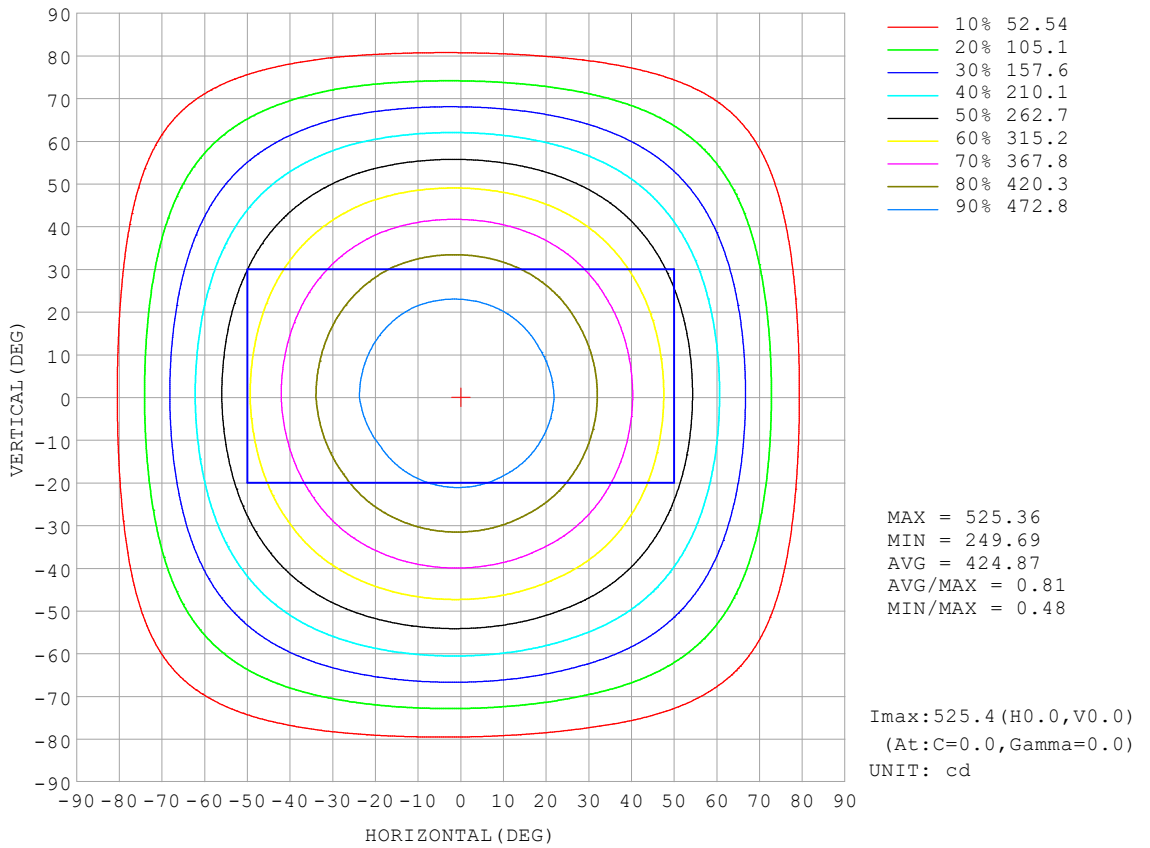
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	46	39	33
0.80	68	56	49	67	56	49	65	55	48	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	85	97	90	84	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	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:2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz Lamp Flux:1452.69x1 lm		
NAME: LS-SM-8TL-18W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#-27K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:

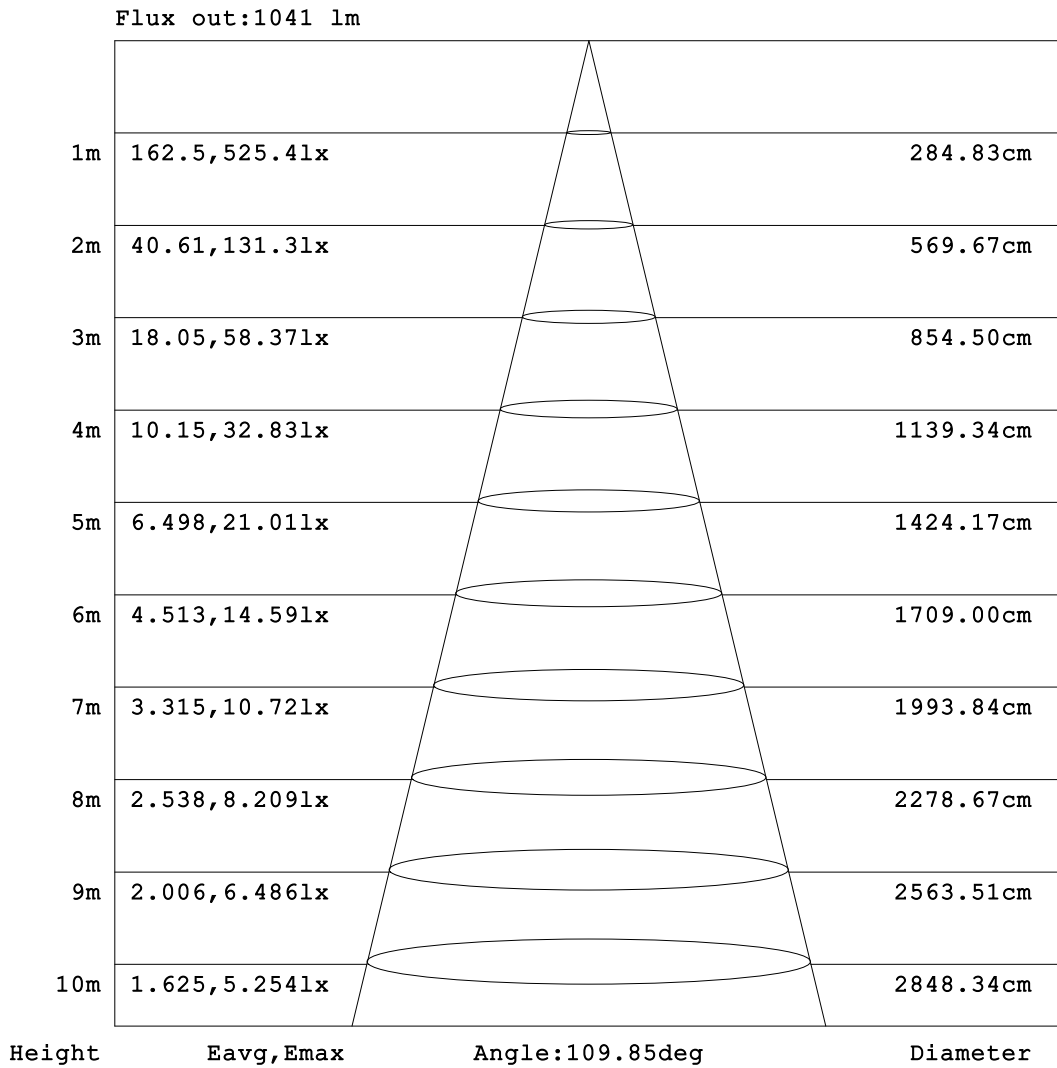


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz Lamp Flux:1452.69x1 lm		
NAME: LS-SM-8TL-18W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#-27K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:



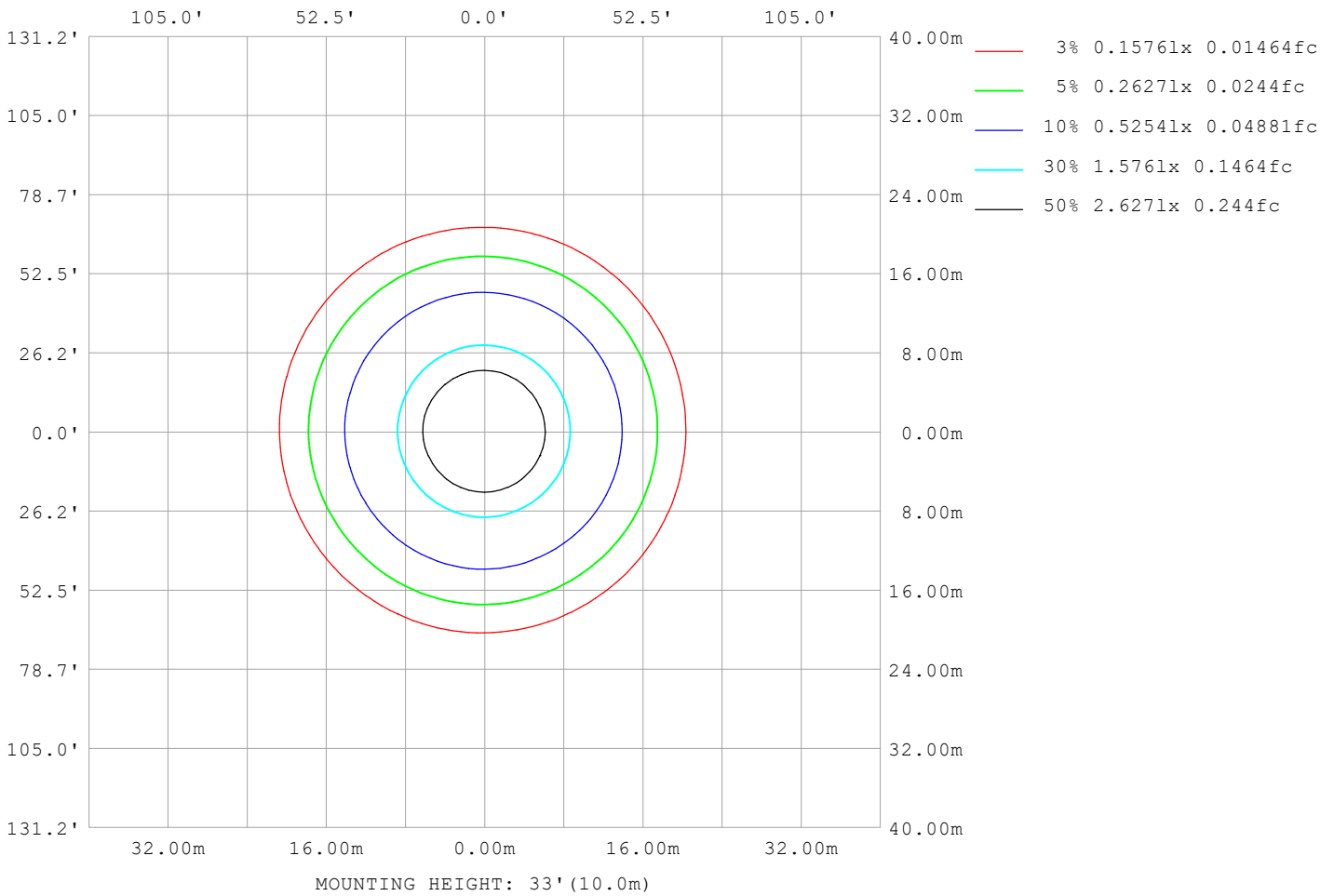
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz Lamp Flux:1452.69x1 lm		
NAME: LS-SM-8TL-18W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#-27K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-01-30

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:120.96V I:0.1594A P:17.721W PF:0.9191 Freq:60.00Hz Lamp Flux:1452.69x1 lm		
NAME: LS-SM-8TL-18W-5CCT-BL	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1#-27K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:

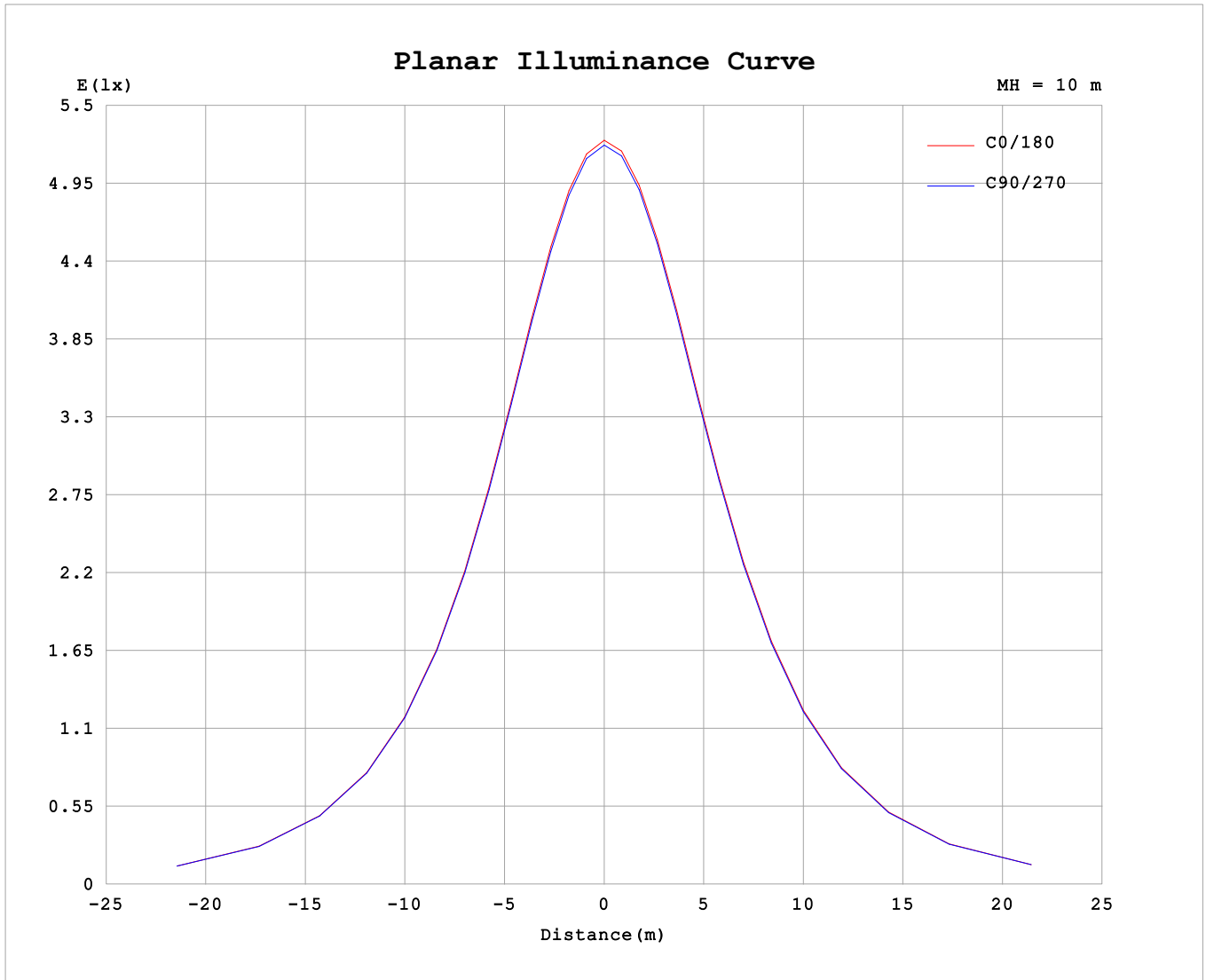
AvgL	cd/m2
L_0~180 (65) av	13444
L_0~180 (75) av	11214
L_0~180 (85) av	7024
L_90~270 (65) av	13452
L_90~270 (75) av	11376
L_90~270 (85) av	7750
L_45 (65) av	13452
L_45 (75) av	11307
L_45 (85) av	7387

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-01-30

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: 2026-01-30

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:

