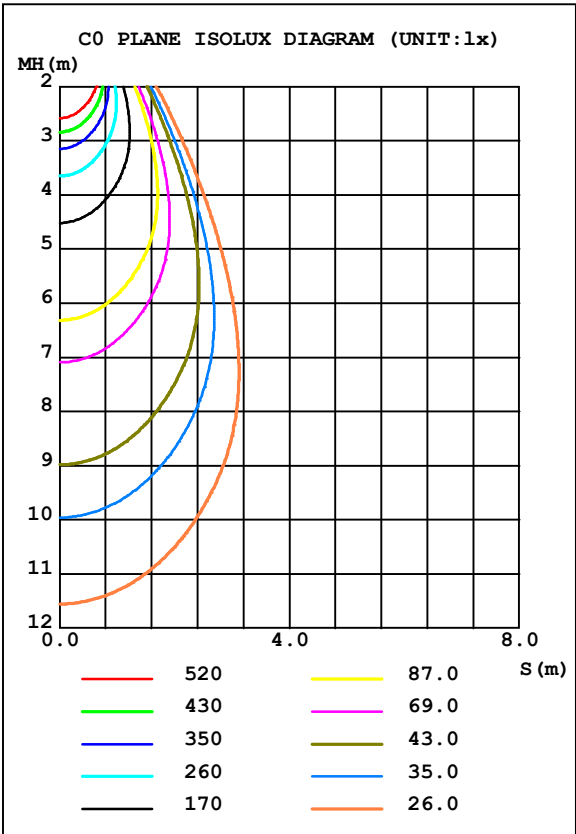
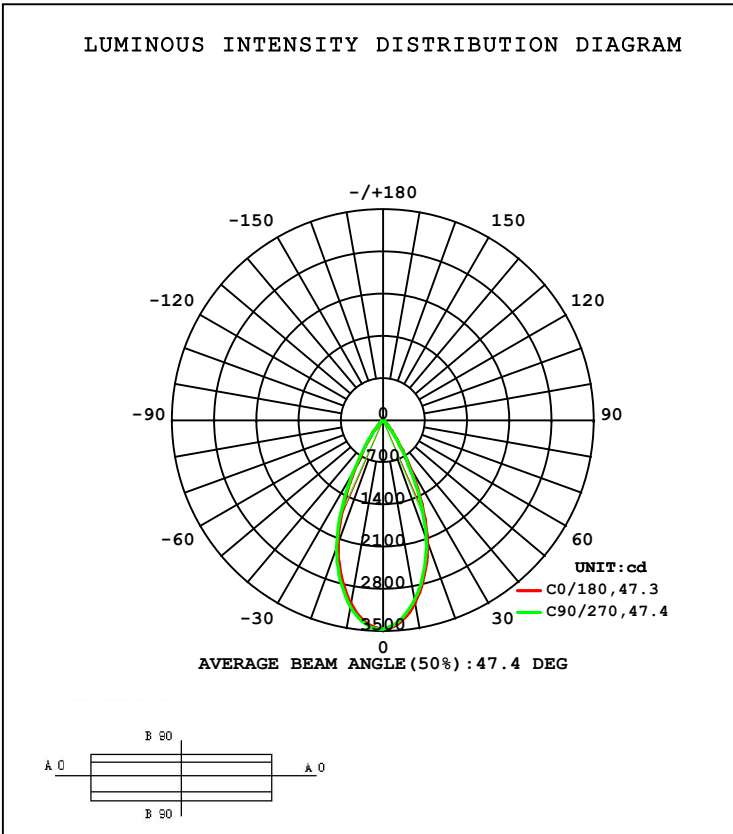


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm					
NAME: SLV600S		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.:		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 54.44 lm/W
MODEL		I _{max} (cd)	3466	S/MH (C0/180)	0.74	
NOMINAL POWER(W)		LOR(%)	36.1	S/MH (C90/270)	0.75	
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	2167.8	η UP,DN (C0-180)	0.0,18.0	
NOMINAL FLUX(lm)	6000	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,18.2	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE (V)	220	η down (%)	36.1	CIBSE SHR MAX	0.75	



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

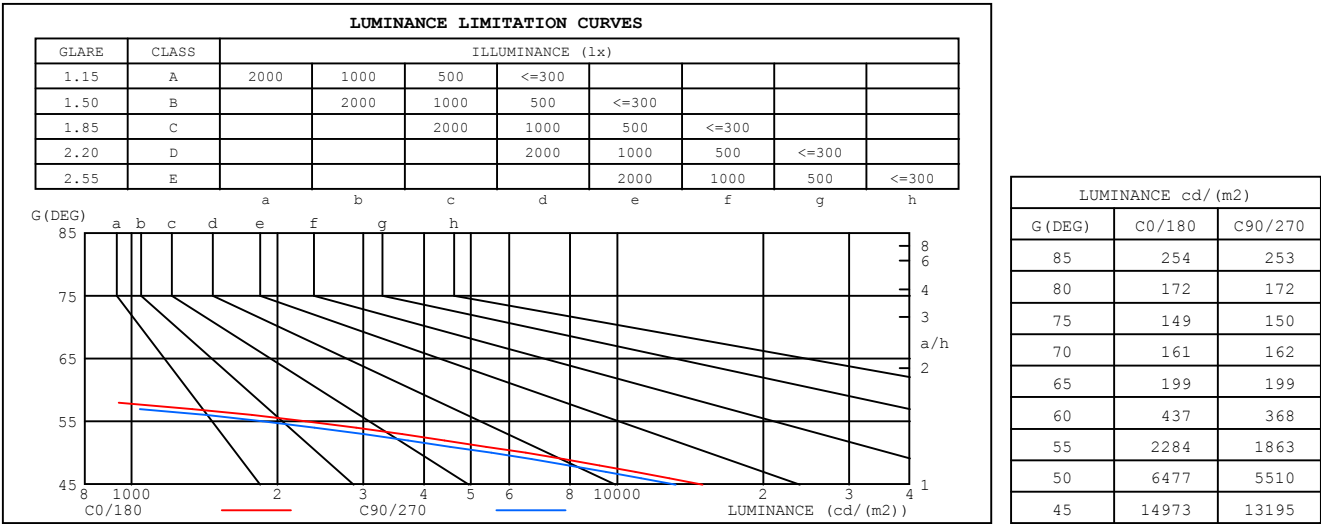
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3073	3049	3021	3144	3086	3114	3137	3011	0~ 10	311.7	311.7	14.4,5.19
20	2161	2132	2102	2267	2194	2235	2267	2066	10~ 20	740.8	1052	48.6,17.5
30	901.2	872.0	845.8	1024	935.9	970.0	998.7	806.5	20~ 30	700.7	1753	80.9,29.2
40	232.1	221.3	212.9	268.4	234.9	246.4	258.4	201.5	30~ 40	311.1	2064	95.2,34.4
50	41.51	37.94	35.54	49.33	40.48	43.94	47.15	33.44	40~ 50	88.01	2152	99.3,35.9
60	2.180	1.841	1.847	3.224	2.142	2.396	2.794	1.648	50~ 60	13.90	2166	99.9,36.1
70	0.5506	0.4085	0.5547	0.5182	0.4181	0.5860	0.5759	0.5522	60~ 70	0.9614	2167	100,36.1
80	0.2973	0.1767	0.2993	0.2205	0.1872	0.3425	0.3436	0.3312	70~ 80	0.3958	2168	100,36.1
90	0.1542	0.1215	0.1663	0.1324	0.1322	0.1657	0.2882	0.2207	80~ 90	0.2355	2168	100,36.1
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		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm		
NAME: SLV600S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



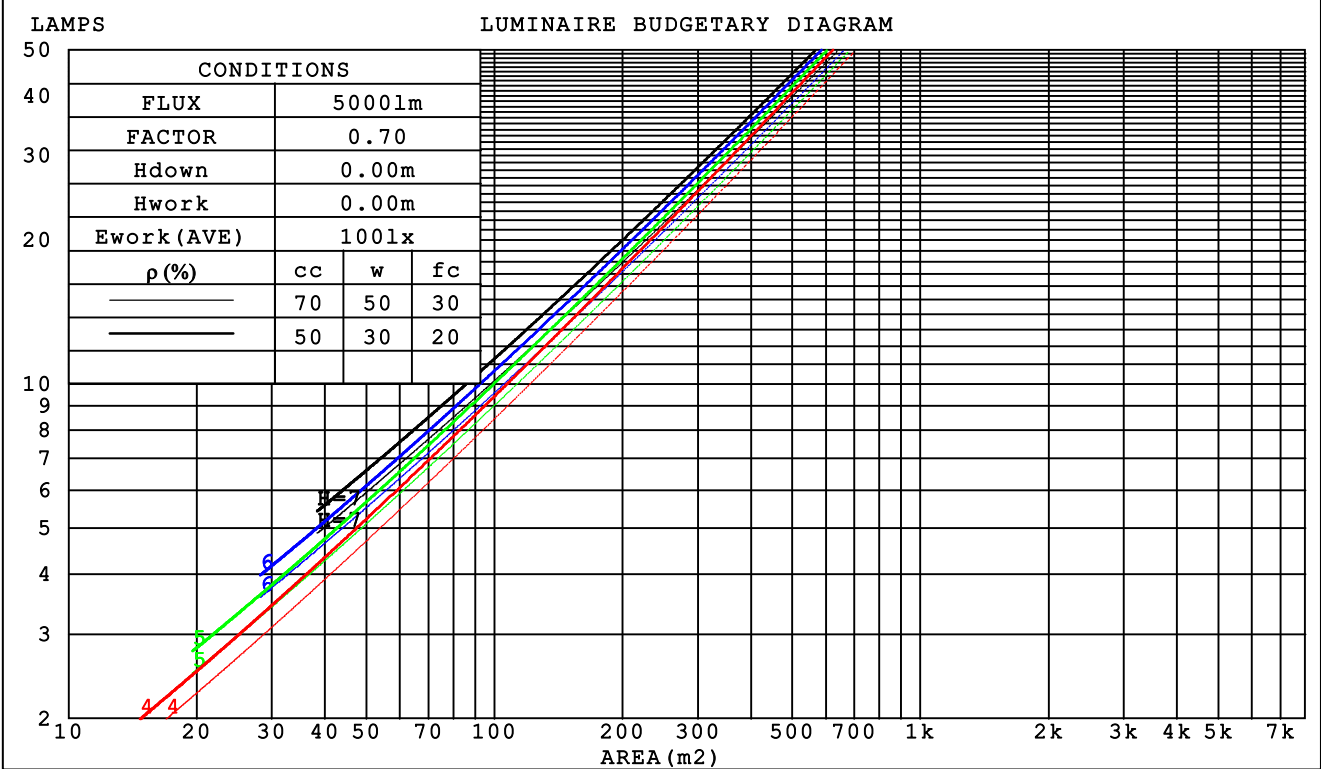
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm		
NAME: SLV600S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	.43	.43	.43	.42	.42	.42	.40	.40	.40	.38	.38	.38	.37	.37	.37	.36
1.0	.40	.39	.39	.39	.39	.38	.38	.37	.37	.37	.36	.36	.35	.35	.35	.34
2.0	.38	.36	.35	.37	.36	.35	.36	.35	.34	.35	.34	.33	.34	.33	.33	.32
3.0	.35	.34	.32	.35	.33	.32	.34	.33	.32	.33	.32	.31	.32	.31	.31	.30
4.0	.33	.32	.30	.33	.31	.30	.32	.31	.30	.32	.30	.29	.31	.30	.29	.28
5.0	.32	.30	.28	.31	.29	.28	.31	.29	.28	.30	.29	.28	.29	.28	.27	.27
6.0	.30	.28	.26	.30	.28	.26	.29	.27	.26	.29	.27	.26	.28	.27	.26	.25
7.0	.28	.26	.25	.28	.26	.25	.28	.26	.25	.27	.26	.25	.27	.25	.24	.24
8.0	.27	.25	.23	.27	.25	.23	.26	.25	.23	.26	.24	.23	.26	.24	.23	.23
9.0	.26	.24	.22	.25	.23	.22	.25	.23	.22	.25	.23	.22	.24	.23	.22	.22
10.0	.24	.22	.21	.24	.22	.21	.24	.22	.21	.24	.22	.21	.23	.22	.21	.20



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm					
NAME: SLV600S			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:		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	.060	.034	.011	.058	.033	.010	.053	.030	.010	.049	.028	.009	.045	.026	.008		
2.0	.057	.031	.010	.055	.030	.009	.051	.028	.009	.048	.027	.008	.045	.025	.008		
3.0	.054	.029	.009	.053	.028	.008	.049	.027	.008	.046	.025	.008	.044	.024	.007		
4.0	.052	.027	.008	.050	.026	.008	.047	.025	.007	.045	.024	.007	.042	.023	.007		
5.0	.049	.025	.007	.048	.025	.007	.045	.024	.007	.043	.023	.007	.041	.022	.007		
6.0	.047	.024	.007	.046	.023	.007	.044	.022	.007	.042	.022	.006	.040	.021	.006		
7.0	.045	.022	.006	.044	.022	.006	.042	.021	.006	.040	.021	.006	.039	.020	.006		
8.0	.043	.021	.006	.042	.021	.006	.040	.020	.006	.039	.020	.006	.037	.019	.006		
9.0	.041	.020	.006	.040	.020	.006	.039	.019	.005	.038	.019	.005	.036	.018	.005		
10.0	.040	.019	.005	.039	.019	.005	.038	.018	.005	.036	.018	.005	.035	.018	.005		

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	.069	.069	.069	.059	.059	.059	.040	.040	.040	.023	.023	.023	.007	.007	.007	
1.0	.062	.057	.053	.053	.049	.045	.036	.034	.031	.021	.019	.018	.007	.006	.006	
2.0	.056	.048	.041	.048	.041	.036	.033	.029	.025	.019	.017	.015	.006	.005	.005	
3.0	.051	.041	.033	.044	.035	.029	.030	.025	.020	.017	.014	.012	.006	.005	.004	
4.0	.047	.036	.027	.040	.031	.023	.028	.021	.016	.016	.013	.010	.005	.004	.003	
5.0	.044	.031	.022	.038	.027	.019	.026	.019	.014	.015	.011	.008	.005	.004	.003	
6.0	.041	.028	.018	.035	.024	.016	.024	.017	.011	.014	.010	.007	.005	.003	.002	
7.0	.039	.025	.016	.033	.022	.014	.023	.015	.010	.013	.009	.006	.004	.003	.002	
8.0	.037	.023	.013	.032	.020	.012	.022	.014	.008	.013	.008	.005	.004	.003	.002	
9.0	.035	.021	.012	.030	.018	.010	.021	.013	.007	.012	.008	.004	.004	.002	.001	
10.0	.033	.019	.010	.029	.017	.009	.020	.012	.006	.012	.007	.004	.004	.002	.001	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:彭金英
 Test Date:2025-4-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
 Humidity:60%
 Test Distance:12.350m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm										
NAME: SLV600S					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	10.1	11.0	10.3	11.1	11.3	9.8	10.6	10.0	10.8	11.0
3H	9.9	10.8	10.2	10.9	11.1	9.6	10.4	9.9	10.6	10.8
4H	9.9	10.6	10.1	10.8	11.1	9.5	10.3	9.8	10.5	10.7
6H	9.8	10.5	10.1	10.7	11.0	9.4	10.1	9.7	10.4	10.6
8H	9.7	10.4	10.0	10.7	10.9	9.4	10.1	9.7	10.3	10.6
12H	9.7	10.3	10.0	10.6	10.9	9.3	10.0	9.7	10.3	10.5
4H 2H	9.9	10.6	10.1	10.8	11.1	9.5	10.3	9.8	10.5	10.7
3H	9.7	10.3	10.0	10.6	10.9	9.3	10.0	9.7	10.3	10.5
4H	9.6	10.2	9.9	10.5	10.8	9.3	9.8	9.6	10.1	10.4
6H	9.5	10.0	9.9	10.4	10.7	9.2	9.7	9.5	10.0	10.4
8H	9.4	9.9	9.8	10.3	10.6	9.1	9.6	9.5	9.9	10.3
12H	9.4	9.8	9.8	10.2	10.6	9.1	9.5	9.5	9.9	10.3
8H 4H	9.4	9.9	9.8	10.3	10.6	9.1	9.6	9.5	9.9	10.3
6H	9.3	9.7	9.8	10.1	10.5	9.0	9.4	9.4	9.8	10.2
8H	9.3	9.6	9.7	10.1	10.5	8.9	9.3	9.4	9.7	10.1
12H	9.2	9.5	9.7	10.0	10.4	8.9	9.2	9.4	9.6	10.1
12H 4H	9.4	9.8	9.8	10.2	10.6	9.0	9.5	9.5	9.9	10.3
6H	9.3	9.6	9.7	10.1	10.5	8.9	9.3	9.4	9.7	10.1
8H	9.2	9.5	9.7	10.0	10.4	8.9	9.2	9.4	9.6	10.1
Variations with the observer position at spacings:										
S = 1.0H	+ 3.3 / -17.1					+ 3.2 / -17.8				
1.5H	+ 5.4 / -12.4					+ 5.3 / -12.5				
2.0H	+ 7.2 / -18.0					+ 7.0 / -17.4				

CIE Pub.117, 6000 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 6.2$)

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 彭金英
 Test Date: 2025-4-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.404.6
 Humidity: 60%
 Test Distance: 12.350m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm		
NAME: SLV600S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

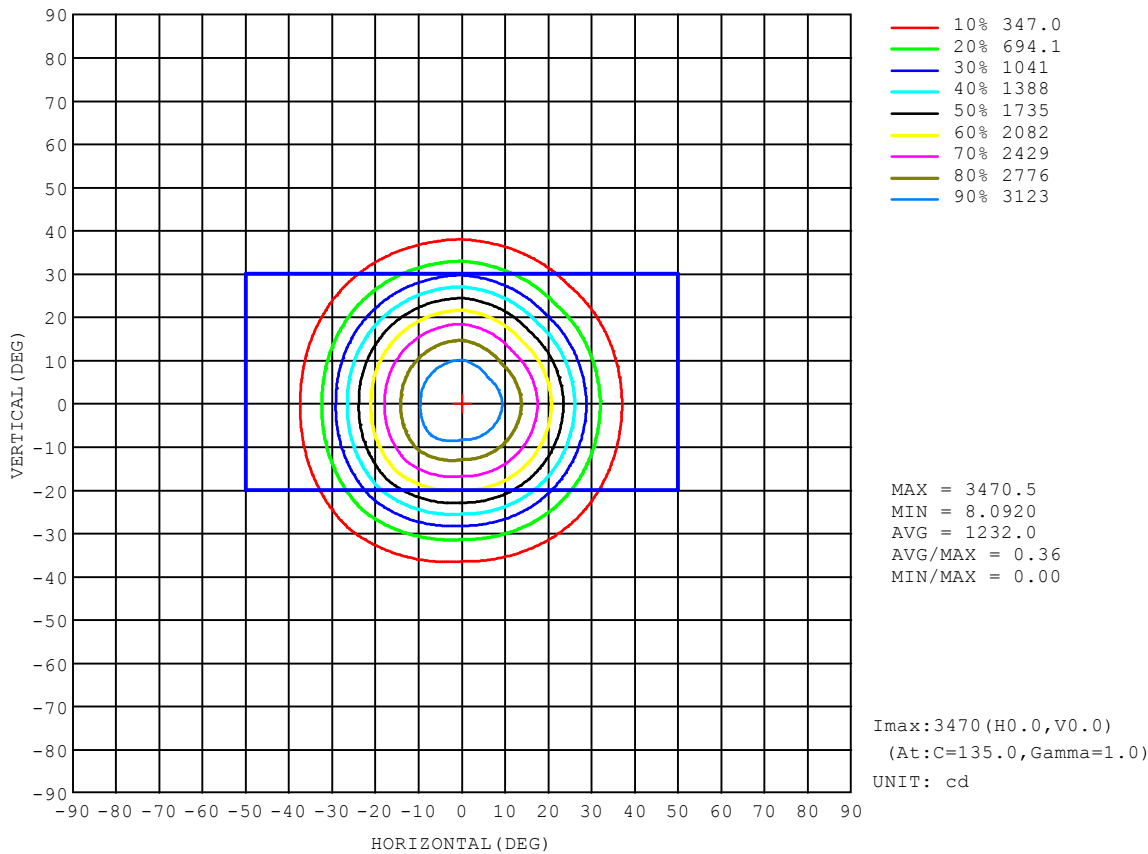
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	32	30	28	32	30	28	32	30	28	27
0.80	35	33	31	34	32	31	34	32	31	30
1.00	36	34	33	36	34	33	35	34	33	31
1.25	38	36	35	37	36	34	37	35	34	33
1.50	39	37	36	38	37	36	37	36	35	34
2.00	39	38	37	39	38	37	38	37	36	34
2.50	40	39	38	39	38	37	38	37	37	35
3.00	41	39	38	40	39	38	39	38	37	35
4.00	41	40	40	40	40	39	39	39	38	36
5.00	42	41	40	41	40	40	39	39	39	36
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 彭金英
 Test Date: 2025-4-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.404.6
 Humidity: 60%
 Test Distance: 12.350m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm		
NAME: SLV600S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

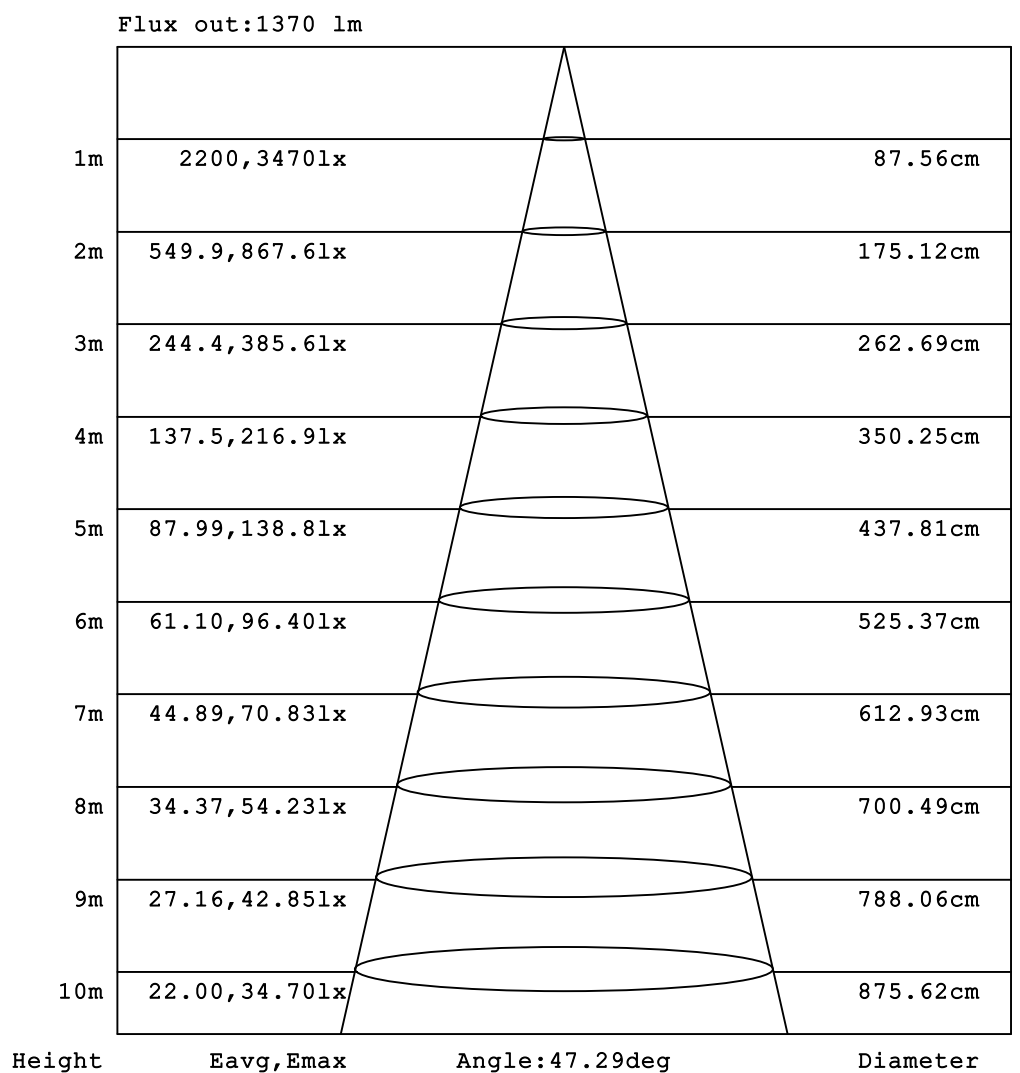


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm		
NAME: SLV600S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



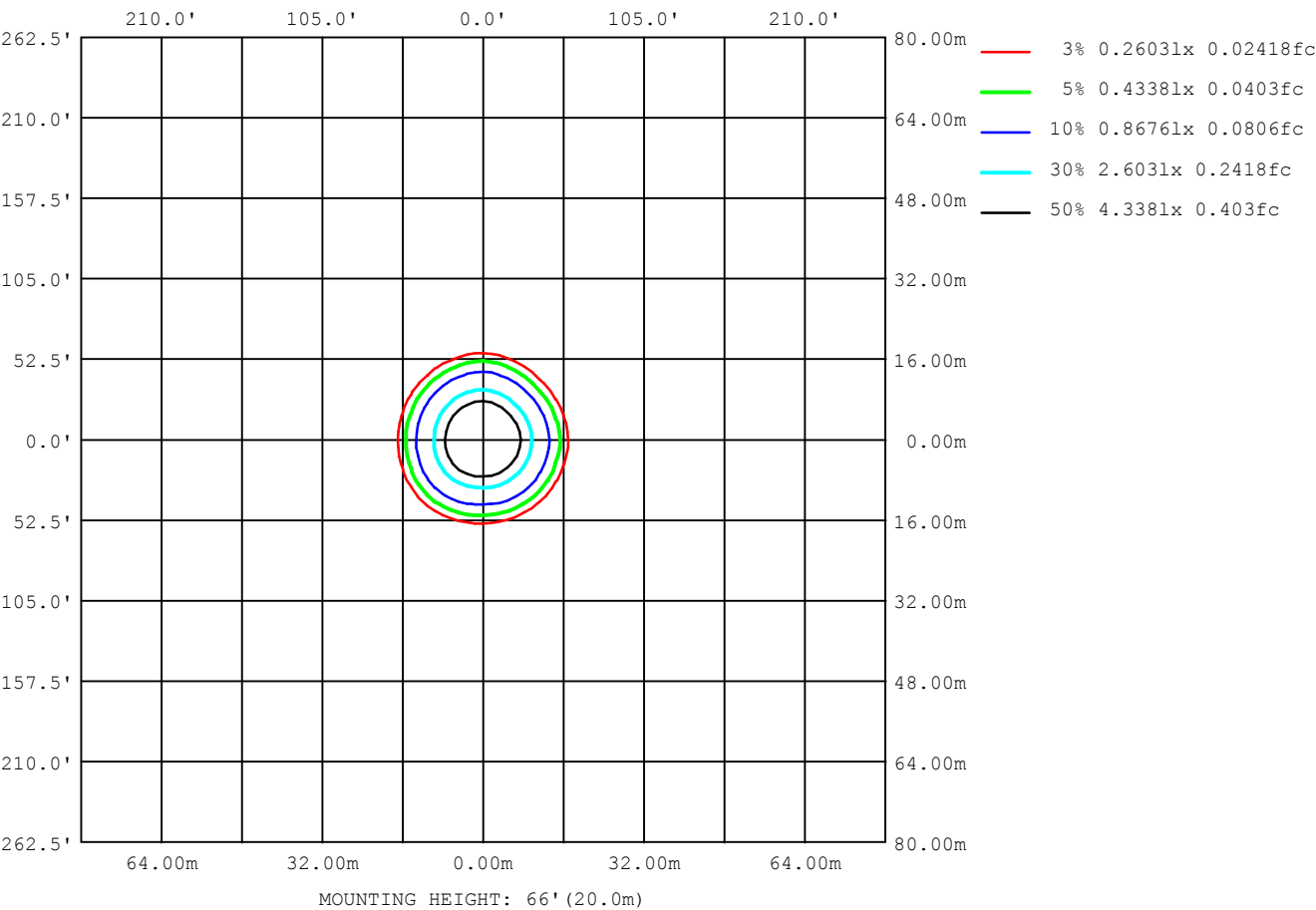
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm		
NAME: SLV600S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm		
NAME: SLV600S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

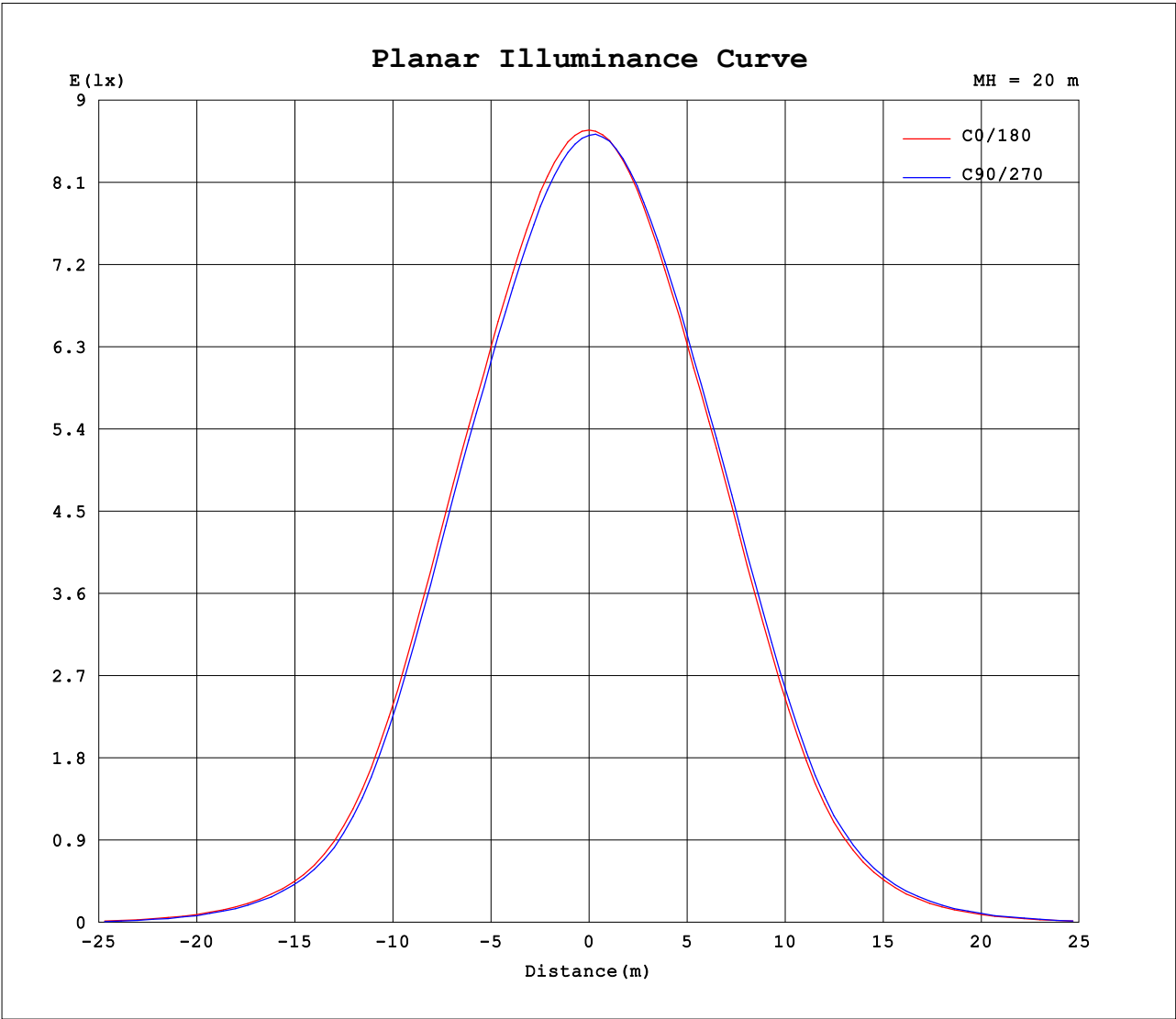
AvgL	cd/m2
L_0~180 (65) av	186
L_0~180 (75) av	128
L_0~180 (85) av	202
L_90~270 (65) av	202
L_90~270 (75) av	154
L_90~270 (85) av	299
L_45 (65) av	191
L_45 (75) av	144
L_45 (85) av	241

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:彭金英
Test Date:2025-4-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.1864A P:39.822W PF:0.9705 Freq:49.99Hz Lamp Flux:6000x1 lm		
NAME: SLV600S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 彭金英
Test Date: 2025-4-25

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

```