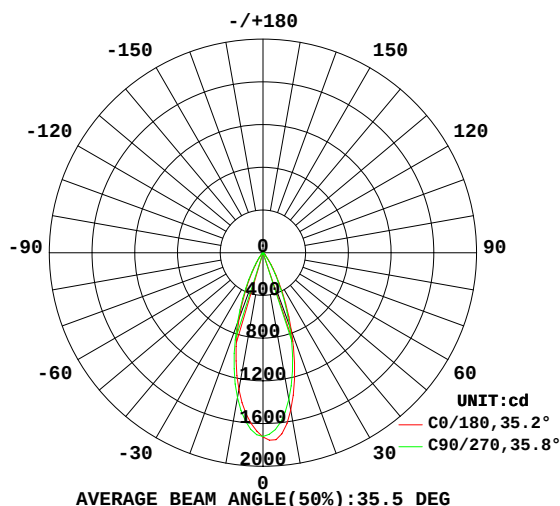


LUMINAIRE PHOTOMETRIC TEST REPORT

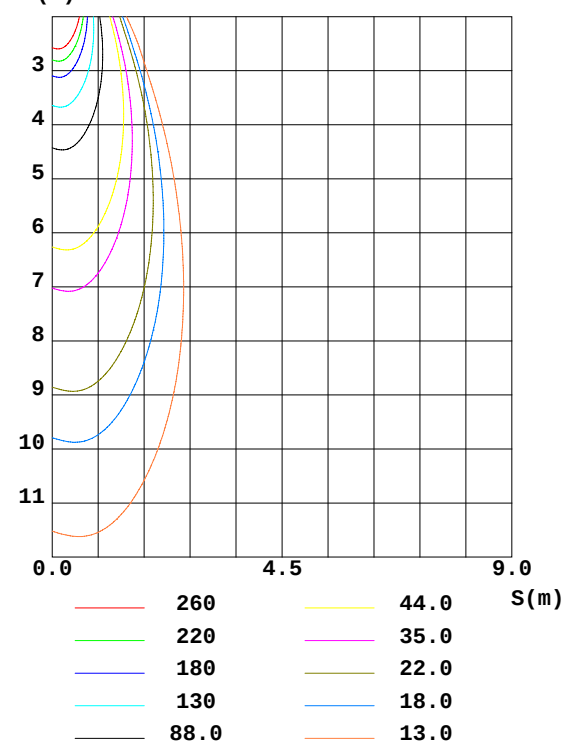
Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm		
NAME: CL-Slim90 3000K 90RA 36D honeycomb	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.52 lm/W			
MODEL		Imax(cd)	1756	S/MH(C0/180)	0.61
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	727.84	η UP, DN(C0-180)	0.2, 51.4
NOMINAL FLUX(lm)	727.837	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2, 48.1
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	24	η down(%)	99.6	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [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	1497	1461	1396	1348	1303	1322	1379	1424	0- 10	148.2	148.2	20.4, 20.4
20	783.3	769.1	733.2	702.3	655.0	654.3	702.8	746.8	10- 20	290.2	438.4	60.2, 60.2
30	243.5	240.8	224.9	198.7	184.2	191.9	209.0	226.4	20- 30	197.3	635.7	87.3, 87.3
40	55.58	52.69	48.17	39.58	36.58	39.36	46.07	48.16	30- 40	67.33	703.0	96.6, 96.6
50	11.93	11.10	8.920	6.853	6.010	6.858	8.337	9.770	40- 50	17.60	720.6	99.99
60	1.940	1.543	1.197	1.083	0.7680	0.7587	1.220	1.686	50- 60	3.534	724.1	99.5, 99.5
70	0.2607	0.1944	0.1187	0.1044	0.0610	0.0892	0.0939	0.1127	60- 70	0.5876	724.7	99.6, 99.6
80	0	0.0047	0	0.0000	0	0	0	0	70- 80	0.0239	724.7	99.6, 99.6
90	0	0	0	0	0.0001	0	0	0	80- 90	0.0008	724.7	99.6, 99.6
100	0	0	0	0	0.0047	0	0.0000	0.0047	90-100	0.0006	724.7	99.6, 99.6
110	0	0	0	0	0.0236	0.0236	0.0189	0.0142	100-110	0.0027	724.7	99.6, 99.6
120	0	0	0.0000	0	0.0803	0.0756	0.0520	0.0473	110-120	0.0228	724.8	99.6, 99.6
130	0.0800	0.0847	0.1366	0.1177	0.2221	0.2362	0.1891	0.1608	120-130	0.1103	724.9	99.6, 99.6
140	0.4665	0.4806	0.5184	0.5655	0.6663	0.6521	0.6049	0.5529	130-140	0.2654	725.1	99.6, 99.6
150	1.297	1.316	1.382	1.467	1.563	1.540	1.459	1.375	140-150	0.5928	725.7	99.7, 99.7
160	2.415	2.443	2.524	2.604	2.672	2.639	2.564	2.474	150-160	0.9007	726.6	99.8, 99.8
170	3.463	3.444	3.487	3.520	3.606	3.583	3.512	3.469	160-170	0.8503	727.5	100, 100
180	3.955	3.931	3.926	3.926	3.969	3.964	3.926	3.931	170-180	0.3543	727.8	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

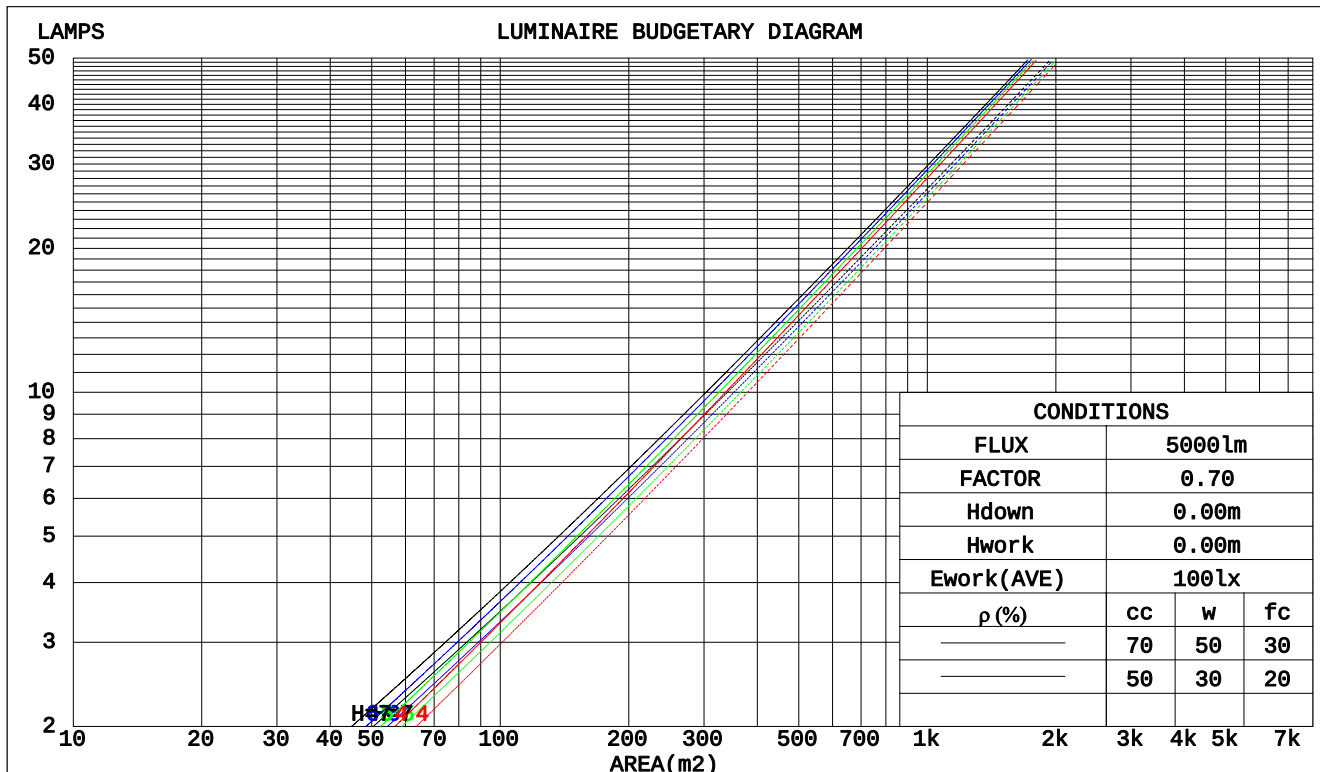
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 γ Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm		
NAME: slim90-uls(带蜂窝网)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.97	.97	.95
2.0	1.05	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	.00	.96	.92	.98	.95	.91	.96	.93	.90	.93	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.86	.94	.89	.86	.91	.88	.85	.90	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.87	.84	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.80	.77	.84	.80	.77	.82	.79	.76	.81	.78	.75	.74
7.0	.82	.77	.74	.81	.77	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.71
8.0	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.68
9.0	.75	.70	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65
10.0	.72	.67	.64	.72	.67	.64	.71	.67	.64	.70	.67	.64	.70	.66	.64	.63



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm									
NAME: slim90-uls(带蜂窝网)					TYPE:			WEIGHT:	
DIM.:					SPEC.:			SERIAL No.:	
MFR.:					SUR.:			PROTECTION 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	.155	.088	.028	.149	.085	.027	.136	.078	.025	.124	.072	.023	.113	.066	.021		
2.0	.146	.080	.025	.141	.078	.024	.130	.072	.022	.120	.068	.021	.111	.063	.020		
3.0	.138	.074	.022	.134	.072	.022	.125	.068	.021	.116	.064	.020	.109	.060	.019		
4.0	.131	.068	.020	.127	.066	.020	.119	.063	.019	.112	.060	.018	.106	.057	.017		
5.0	.124	.063	.018	.121	.062	.018	.114	.060	.018	.108	.057	.017	.102	.055	.016		
6.0	.119	.059	.017	.115	.058	.017	.110	.056	.016	.104	.054	.016	.099	.052	.016		
7.0	.113	.056	.016	.111	.055	.016	.105	.053	.015	.101	.052	.015	.096	.050	.015		
8.0	.108	.053	.015	.106	.052	.015	.101	.051	.014	.097	.049	.014	.093	.048	.014		
9.0	.104	.050	.014	.102	.050	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013		
10.0	.100	.048	.013	.098	.047	.013	.094	.046	.013	.091	.045	.013	.088	.044	.013		

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	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.173	.161	.150	.148	.138	.129	.101	.095	.089	.058	.055	.052	.019	.018	.017	
2.0	.156	.136	.119	.134	.117	.103	.092	.081	.072	.053	.047	.042	.017	.015	.014	
3.0	.142	.117	.096	.122	.101	.083	.084	.070	.059	.048	.041	.034	.016	.013	.011	
4.0	.131	.102	.079	.112	.088	.069	.077	.061	.048	.045	.036	.029	.014	.012	.009	
5.0	.121	.090	.066	.104	.078	.058	.072	.054	.041	.042	.032	.024	.013	.010	.008	
6.0	.113	.080	.056	.097	.069	.049	.067	.049	.035	.039	.029	.021	.013	.009	.007	
7.0	.106	.072	.048	.092	.063	.042	.063	.044	.030	.037	.026	.018	.012	.008	.006	
8.0	.100	.066	.042	.086	.057	.037	.060	.040	.026	.035	.024	.015	.011	.008	.005	
9.0	.095	.060	.037	.082	.052	.032	.057	.037	.023	.033	.022	.014	.011	.007	.005	
10.0	.090	.056	.033	.078	.048	.029	.054	.034	.020	.032	.020	.012	.010	.007	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm											
NAME: slim90-uls(带蜂窝网)					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.:					SUR.:			PROTECTION 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	2.7	3.5	2.9	3.6	3.8	2.2	3.0	2.4	3.1	3.3	
3H	2.5	3.2	2.8	3.4	3.6	2.0	2.8	2.3	3.0	3.2	
4H	2.4	3.1	2.7	3.3	3.6	1.9	2.6	2.2	2.9	3.1	
6H	2.3	3.0	2.6	3.2	3.5	1.9	2.5	2.2	2.7	3.0	
8H	2.3	2.9	2.6	3.2	3.4	1.8	2.4	2.1	2.7	3.0	
12H	2.2	2.8	2.6	3.1	3.4	1.8	2.4	2.1	2.6	2.9	
4H 2H	2.4	3.1	2.7	3.3	3.6	2.0	2.6	2.2	2.9	3.1	
3H	2.3	2.9	2.6	3.1	3.4	1.8	2.4	2.1	2.6	2.9	
4H	2.2	2.7	2.5	3.0	3.3	1.7	2.2	2.0	2.5	2.8	
6H	2.1	2.5	2.4	2.9	3.2	1.6	2.1	2.0	2.4	2.8	
8H	2.0	2.5	2.4	2.8	3.2	1.5	2.0	1.9	2.3	2.7	
12H	2.0	2.4	2.4	2.7	3.1	1.5	1.9	1.9	2.3	2.7	
8H 4H	2.0	2.5	2.4	2.8	3.2	1.5	2.0	1.9	2.3	2.7	
6H	1.9	2.3	2.3	2.7	3.1	1.4	1.8	1.9	2.2	2.6	
8H	1.8	2.2	2.3	2.6	3.0	1.4	1.7	1.8	2.1	2.6	
12H	1.8	2.1	2.3	2.5	3.0	1.3	1.6	1.8	2.0	2.5	
12H 4H	2.0	2.4	2.4	2.7	3.1	1.5	1.9	1.9	2.3	2.7	
6H	1.8	2.2	2.3	2.6	3.0	1.4	1.7	1.8	2.1	2.6	
8H	1.8	2.1	2.3	2.5	3.0	1.3	1.6	1.8	2.0	2.5	
Variations with the observer position at spacings:											
S = 1.0H	+ 3.3 / -12.1					+ 3.0 / -14.0					
1.5H	+ 5.2 / - 9.1					+ 5.0 / - 8.8					
2.0H	+ 6.4 / -11.1					+ 6.1 / -10.9					

CIE Pub.117 Corrected 727.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.1)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-05-22

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm		
NAME: slim90-uls(带蜂窝网)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

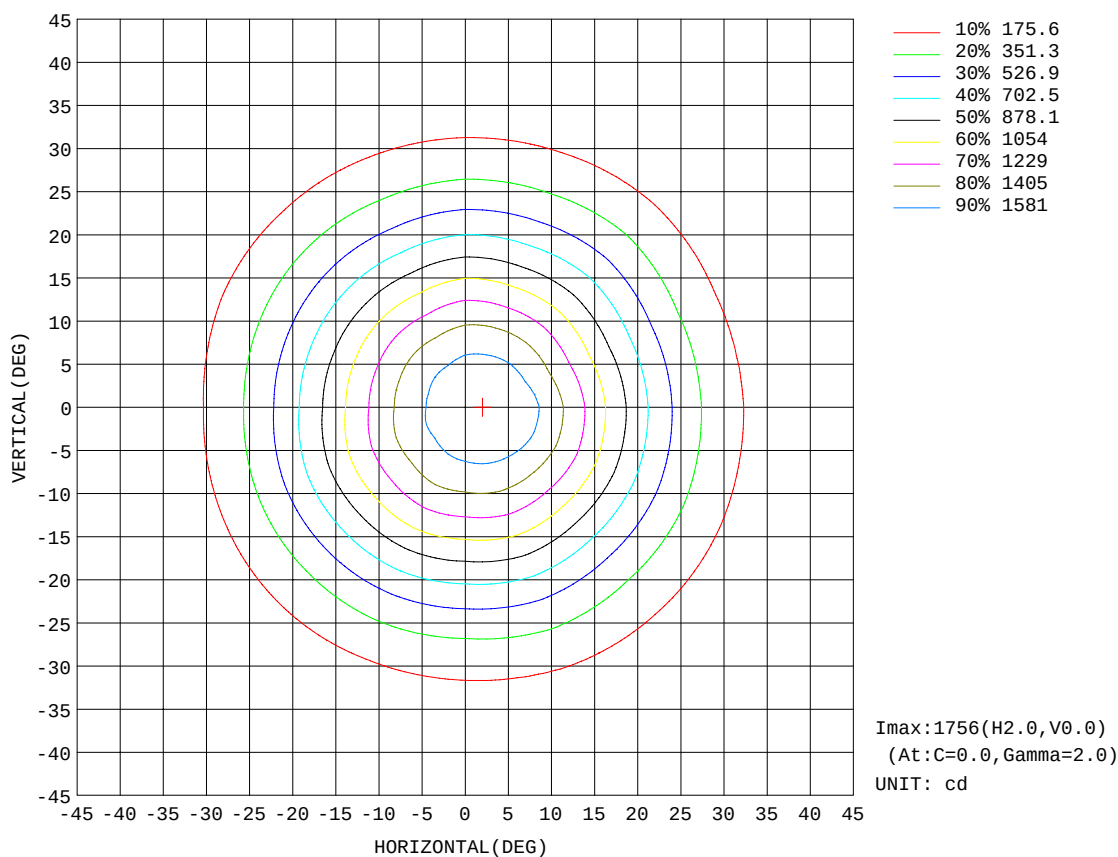
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	100	96	103	99	96	101	98	95	91
1.50	107	103	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	107	110	108	105	107	105	103	97
4.00	114	112	110	112	110	108	108	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
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:
 Test Date:2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm		
NAME: slim90-uls(带蜂窝网)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

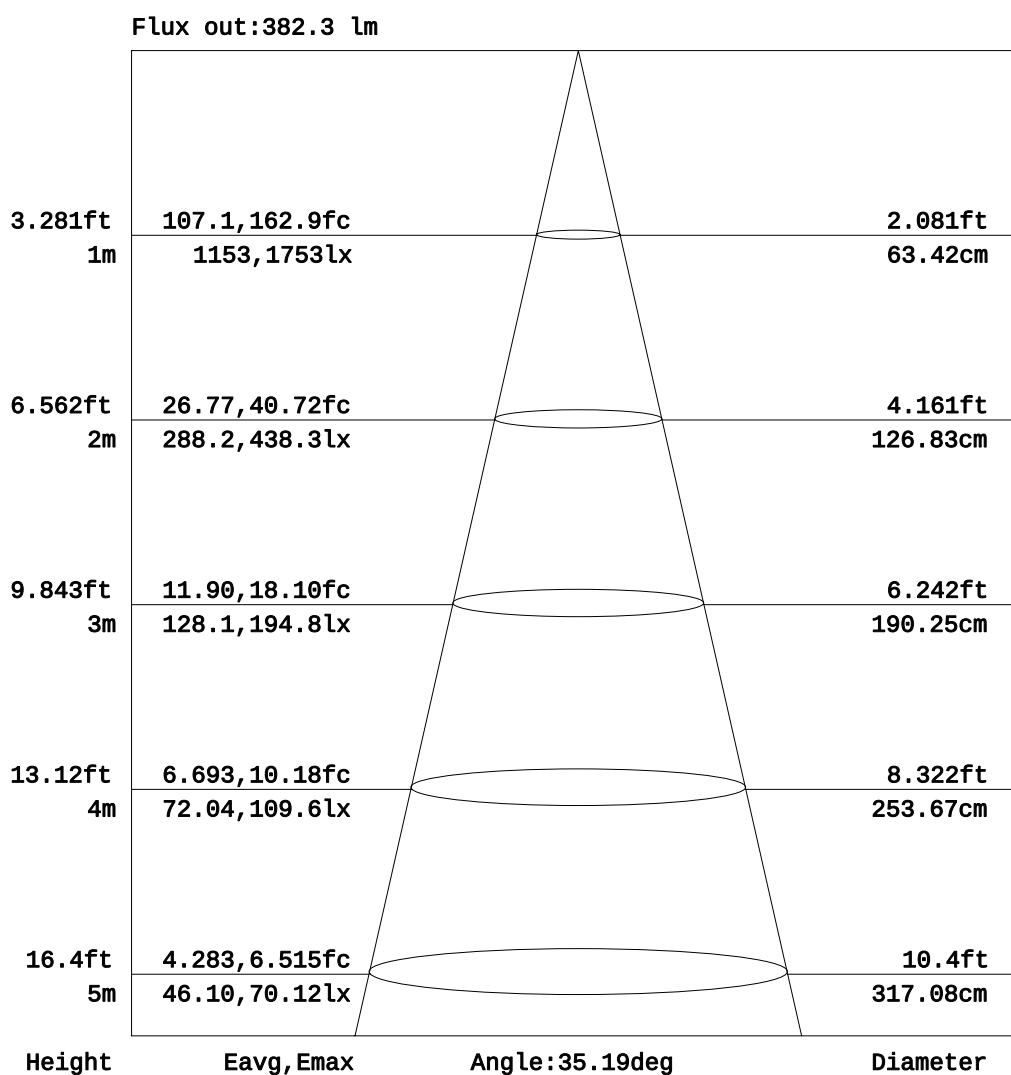


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-05-22

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm		
NAME: slim90-uls(带蜂窝网)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



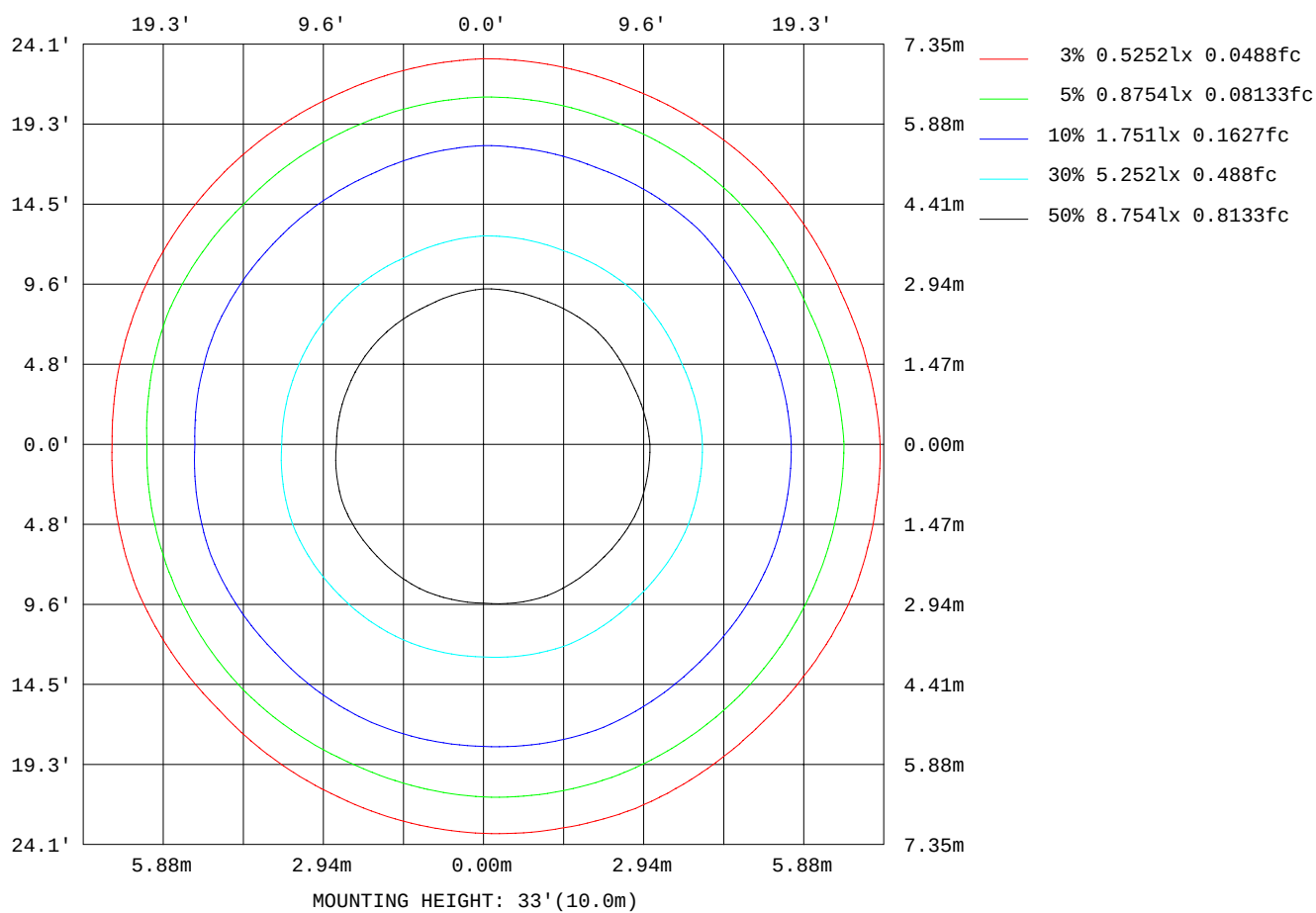
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-05-22

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm		
NAME: slim90-uls(带蜂窝网)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2026-05-22

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm		
NAME: slim90-uls(带蜂窝网)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	727.837	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	87	83	81	81	81	79	75	70	65	61	58	56	52	49	47	47	46	43	40
60	39	37	36	34	32	31	31	30	27	24	23	22	22	22	21	19	17	16	15
65	21	18	16	17	17	17	14	13	12	13	12	12	12	11	11	10	9	8	8
70	8	5	3	4	5	5	3	2	2	3	3	3	3	3	3	3	2	2	2
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	87	200	---	500
Category 2	65 to 90	21	200	---	500
Category 3	75 to 90	0	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-05-22

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm		
NAME: slim90-uls(带蜂窝网)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	727.837	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	87	83	81	81	81	79	75	70	65	61	58	56	52	49	47	47	46	43	40
60	39	37	36	34	32	31	31	30	27	24	23	22	22	22	21	19	17	16	15
65	21	18	16	17	17	17	14	13	12	13	12	12	12	11	11	10	9	8	8
70	8	5	3	4	5	5	3	2	2	3	3	3	3	3	3	3	2	2	2
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m)			
		Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	87	1000	1500	200	500
65 to 90	21	1000	1500	200	500

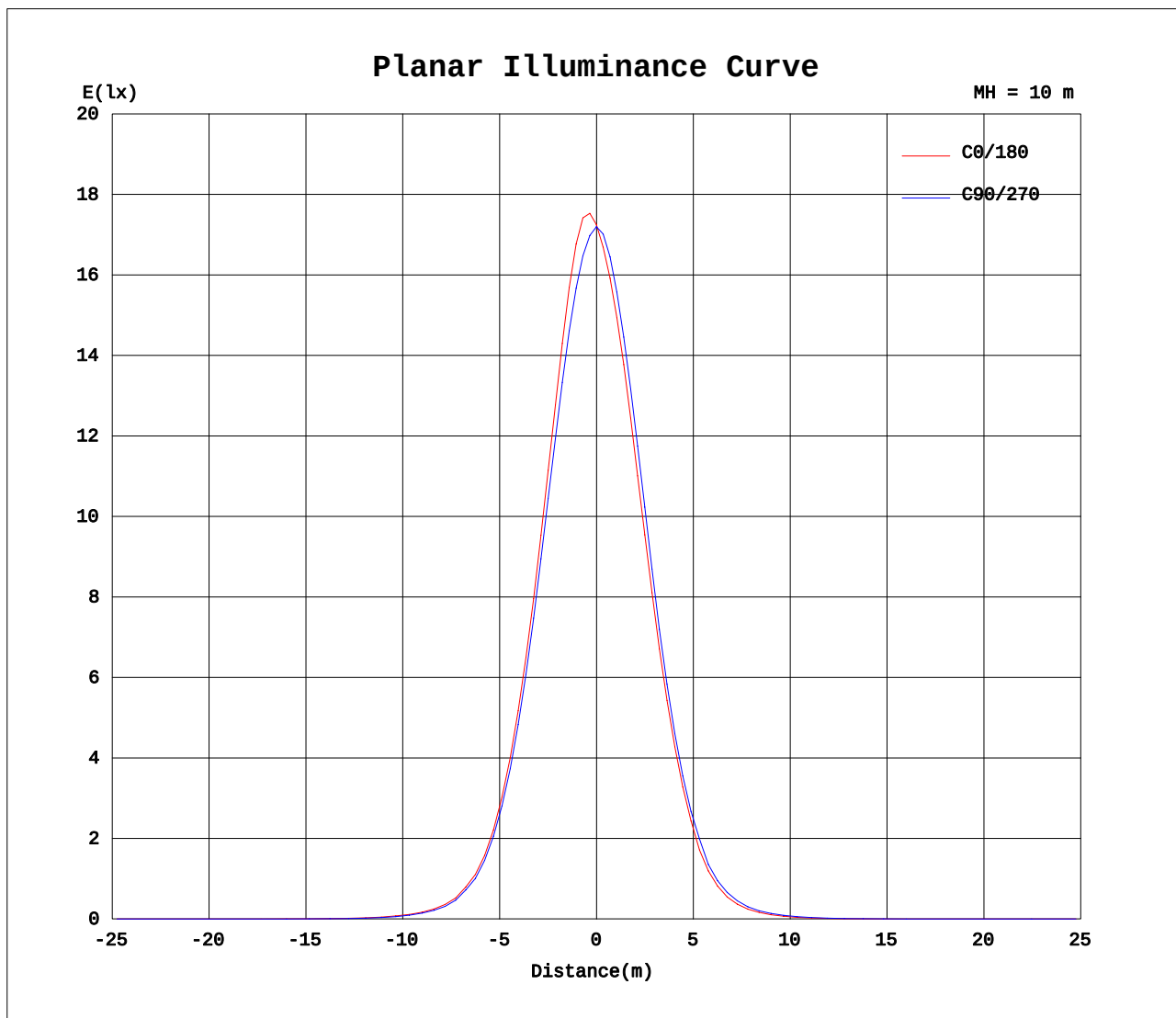
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

The luminaire satisfies the specified luminance criteria for
Negative Software with Type I & II Screen(Good to Moderate treatment).

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-05-22

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2026-05-22

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6250A P:15.00W PF:1.000 Lamp Flux:727.837x1 lm																	
NAME: slim90-uls(带蜂窝网)									TYPE:			WEIGHT:					
DIM.:									SPEC.:			SERIAL No.:					
MFR.:									SUR.:			PROTECTION ANGLE:					

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	1725	1719	1719	1718	1720	1723	1724	1730	1725	1719	1719	1718	1720	1723	1724	1730			
5	1755	1744	1714	1689	1660	1640	1620	1617	1603	1604	1620	1631	1657	1677	1707	1724			
10	1497	1495	1461	1436	1396	1385	1348	1336	1303	1305	1322	1334	1379	1396	1424	1439			
15	1220	1232	1200	1190	1144	1137	1103	1088	1045	1045	1059	1068	1120	1125	1160	1164			
20	783	791	769	773	733	726	702	693	655	650	654	662	703	709	747	743			
25	526	537	517	521	490	481	463	452	431	432	434	438	467	474	504	495			
30	244	248	241	240	225	210	199	193	184	193	192	198	209	214	226	223			
35	140	137	137	132	127	110	101	102	96.7	99.0	102	107	116	115	122	125			
40	55.6	56.7	52.7	52.6	48.2	42.5	39.6	39.3	36.6	36.3	39.4	42.4	46.1	46.5	48.2	48.5			
45	31.2	31.7	30.4	28.5	25.9	23.5	20.0	20.8	18.8	18.5	20.8	22.0	24.9	25.4	26.6	27.3			
50	11.9	11.4	11.1	10.1	8.92	8.22	6.85	7.06	6.01	5.83	6.86	7.13	8.34	9.28	9.77	10.5			
55	5.96	5.57	5.56	4.86	4.21	3.87	3.30	3.30	2.80	2.73	3.07	3.23	3.88	4.76	4.94	5.36			
60	1.94	1.77	1.54	1.52	1.20	1.10	1.08	0.87	0.77	0.82	0.76	0.90	1.22	1.44	1.69	1.74			
65	1.05	0.85	0.87	0.68	0.64	0.62	0.57	0.48	0.40	0.42	0.41	0.46	0.61	0.81	0.79	0.96			
70	0.26	0.11	0.19	0.06	0.12	0.10	0.10	0.08	0.06	0.09	0.09	0.09	0.09	0.22	0.11	0.22			
75	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01			
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00			
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.02	0.00	0.02	0.00	0.01	0.00			
115	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.04	0.06	0.04	0.00	0.03	0.00	0.02	0.00			
120	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.03	0.08	0.72	0.08	0.01	0.05	0.01	0.05	0.00			
125	0.00	0.05	0.00	0.05	0.04	0.08	0.02	0.07	0.11	0.72	0.12	0.05	0.09	0.04	0.08	0.02			
130	0.08	0.13	0.08	0.14	0.14	0.17	0.12	0.17	0.22	1.50	0.24	0.16	0.19	0.14	0.16	0.11			
135	0.19	0.24	0.21	0.26	0.24	0.30	0.25	0.29	0.34	0.45	0.34	0.29	0.31	0.26	0.27	0.23			
140	0.47	0.51	0.48	0.54	0.52	0.60	0.57	0.60	0.67	0.62	0.65	0.58	0.60	0.56	0.55	0.50			
145	0.74	0.78	0.76	0.82	0.82	0.91	0.87	0.91	0.97	0.94	0.95	0.89	0.90	0.83	0.83	0.78			
150	1.30	1.33	1.32	1.37	1.38	1.49	1.47	1.52	1.56	1.52	1.54	1.47	1.46	1.38	1.37	1.33			
155	1.73	1.76	1.75	1.82	1.83	1.93	1.92	1.96	2.01	1.97	1.97	1.90	1.90	1.81	1.80	1.75			
160	2.42	2.46	2.44	2.51	2.52	2.59	2.60	2.65	2.67	2.62	2.64	2.57	2.56	2.47	2.47	2.42			
165	2.87	2.91	2.89	2.95	2.95	3.01	3.01	3.07	3.09	3.03	3.05	2.99	2.98	2.90	2.90	2.85			
170	3.46	3.50	3.44	3.51	3.49	3.54	3.52	3.58	3.61	3.55	3.58	3.50	3.51	3.44	3.47	3.42			
175	3.75	3.78	3.73	3.77	3.74	3.80	3.76	3.82	3.83	3.77	3.79	3.74	3.76	3.72	3.75	3.70			
180	3.95	3.96	3.93	3.93	3.93	3.93	3.93	3.94	3.97	3.94	3.96	3.92	3.93	3.93	3.93	3.93			

C Range: 0 - 360DEG
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