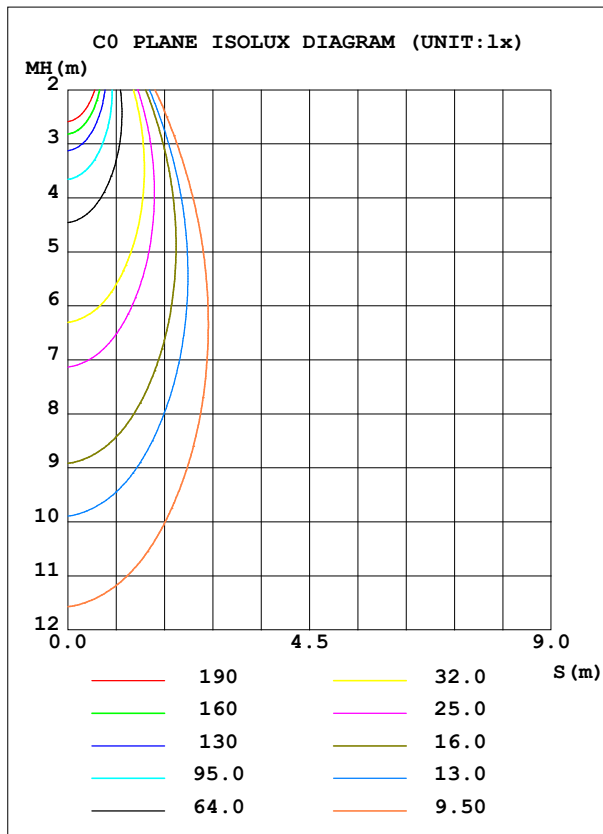
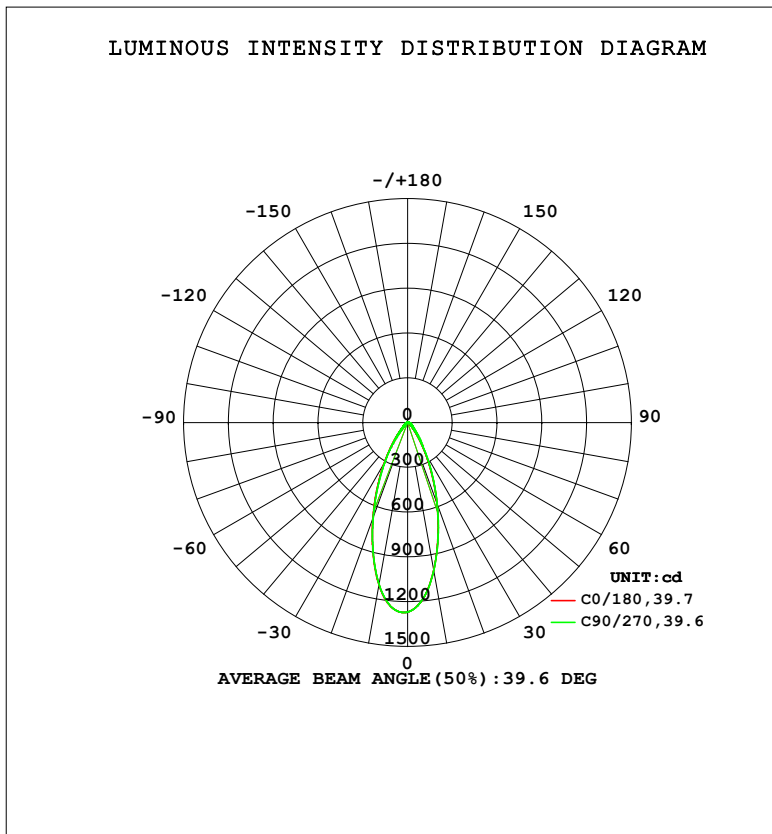


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.62 lm/W			
MORENO-LED-AURA-3-S8W-5CCT-BK		Imax (cd)	1275	S/MH(C0/180)	0.67
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.67
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	746.68	η UP,DN(C0-180)	0.4,47.0
NOMINAL FLUX(lm)	746.677	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,52.3
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down (%)	99.3	CIBSE SHR MAX	0.70



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-05-14

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1006	989.6	1009	1060	1105	1121	1102	1059	0- 10	110.7	110.7	14.8,14.8
20	577.0	563.1	581.0	630.8	682.2	701.5	676.3	628.6	10- 20	232.7	343.5	46,46
30	241.3	236.6	251.3	282.8	316.6	331.3	306.5	271.1	20- 30	200.0	543.4	72.8,72.8
40	71.57	76.27	81.16	91.67	103.5	117.8	98.73	82.05	30- 40	104.7	648.1	86.8,86.8
50	29.95	32.17	34.55	35.60	37.09	41.35	36.82	32.93	40- 50	41.98	690.0	92.4,92.4
60	18.89	19.98	21.17	20.61	21.37	23.34	22.48	20.22	50- 60	23.88	713.9	95.6,95.6
70	9.994	12.17	12.32	12.05	12.80	15.45	13.97	11.39	60- 70	16.46	730.4	97.8,97.8
80	3.341	2.849	4.191	4.463	4.910	7.503	5.611	4.345	70- 80	8.971	739.3	99,99
90	0.1012	0.2627	0.6400	0.1377	0.0753	0.0897	0.1436	0.0969	80- 90	1.871	741.2	99.3,99.3
100	0.1188	0.1250	0.1351	0.1061	0.1059	0.0945	0.1003	0.1283	90-100	0.1162	741.3	99.3,99.3
110	0.1900	0.2062	0.1984	0.1672	0.1541	0.1588	0.1770	0.1731	100-110	0.1490	741.5	99.3,99.3
120	0.3343	0.3599	0.3400	0.2820	0.2375	0.2548	0.2829	0.2845	110-120	0.2252	741.7	99.3,99.3
130	0.7579	0.7916	0.7362	0.6132	0.4974	0.5182	0.5837	0.6148	120-130	0.3880	742.1	99.4,99.4
140	1.725	1.729	1.638	1.400	1.201	1.182	1.329	1.433	130-140	0.7629	742.9	99.5,99.5
150	3.234	3.001	2.842	2.424	2.337	2.132	2.494	2.608	140-150	1.268	744.1	99.7,99.7
160	3.959	3.483	3.241	2.964	2.848	2.796	3.104	3.234	150-160	1.389	745.5	99.8,99.8
170	3.173	3.090	2.899	2.847	2.716	2.919	3.042	3.193	160-170	0.8886	746.4	100,100
180	2.742	2.942	2.682	2.942	2.744	2.939	2.681	2.947	170-180	0.2729	746.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

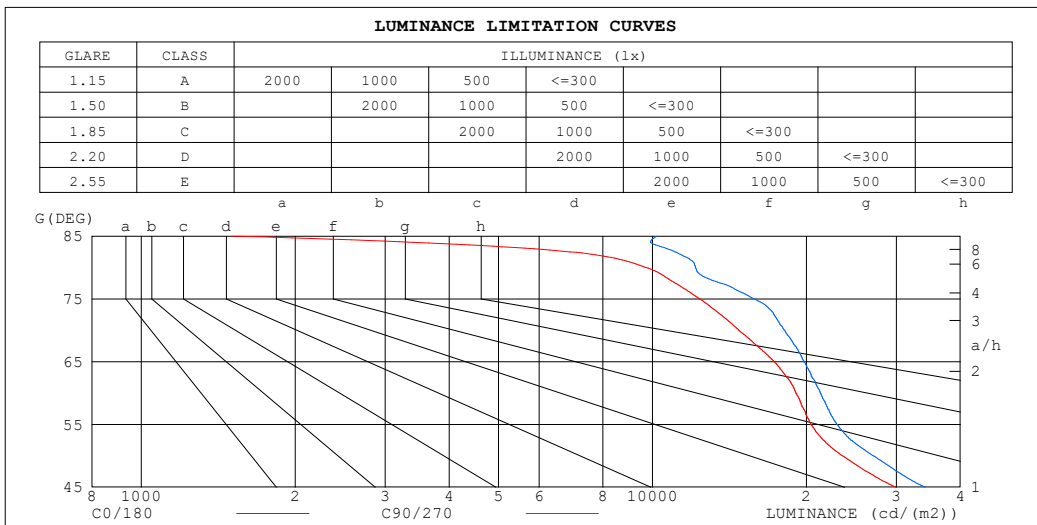
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1694	10351
80	9897	12275
75	12494	15989
70	14868	18239
65	17408	19896
60	19154	21403
55	20511	23078
50	23671	27213
45	30213	34445

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-05-14

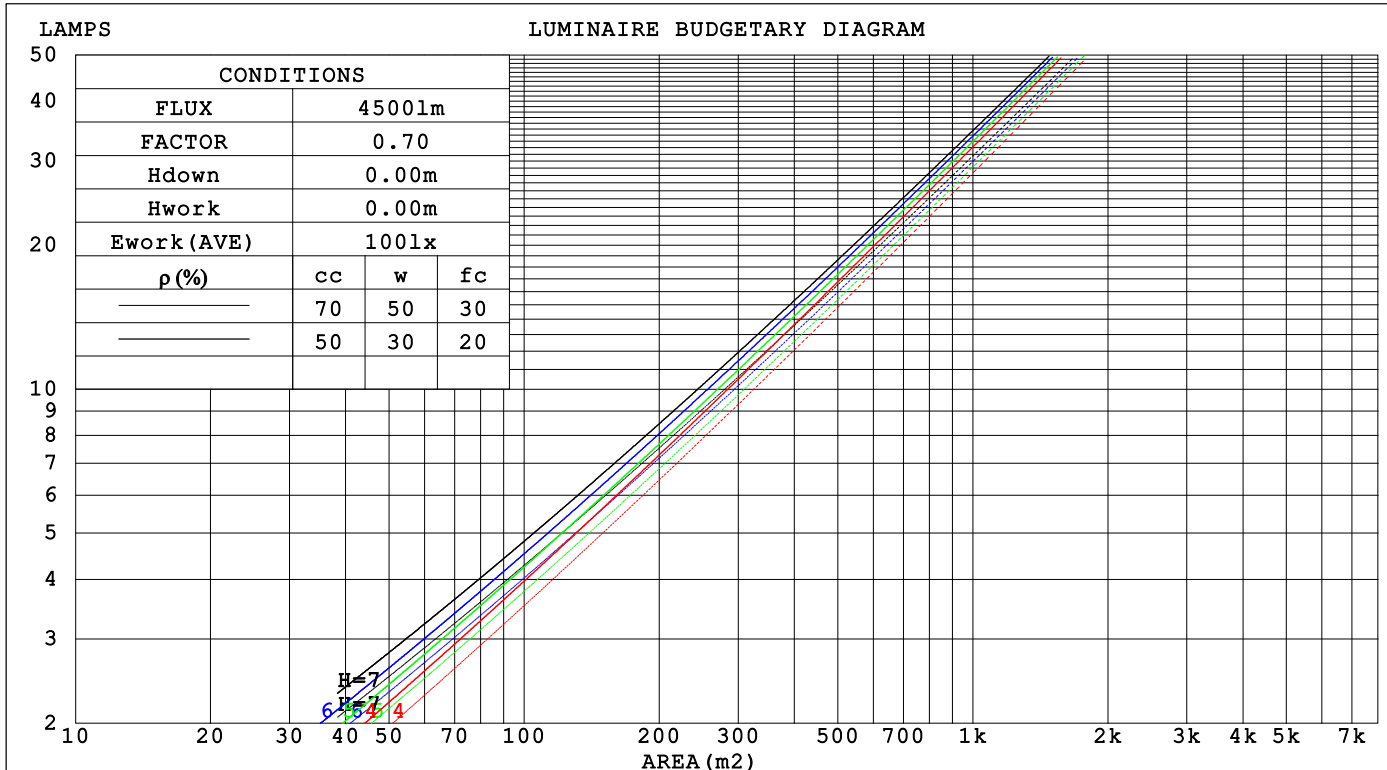
γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	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%	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	1.01	1.01	1.01	.99
1.0	1.10	1.08	1.05	1.08	1.06	1.03	1.04	1.02	1.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.02	.98	.95	1.00	.97	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.86
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.89	.85	.83	.86	.84	.81	.80
4.0	.89	.84	.79	.88	.83	.79	.86	.81	.78	.84	.80	.77	.82	.79	.76	.74
5.0	.84	.78	.74	.83	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.71	.70
6.0	.79	.73	.69	.78	.73	.69	.77	.72	.68	.75	.71	.67	.74	.70	.67	.66
7.0	.75	.69	.65	.74	.68	.64	.73	.68	.64	.71	.67	.64	.70	.66	.63	.62
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.59
9.0	.67	.61	.58	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
10.0	.64	.58	.55	.64	.58	.55	.63	.58	.54	.62	.57	.54	.61	.57	.54	.53



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-05-14

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.187	.106	.034	.180	.103	.033	.167	.096	.031	.155	.089	.029	.144	.083	.027		
2.0	.177	.097	.030	.171	.094	.029	.160	.089	.028	.150	.084	.026	.140	.079	.025		
3.0	.167	.089	.027	.162	.087	.026	.152	.083	.025	.144	.079	.024	.135	.075	.023		
4.0	.157	.082	.024	.153	.080	.024	.145	.077	.023	.137	.074	.022	.130	.071	.022		
5.0	.148	.076	.022	.145	.074	.022	.138	.072	.021	.131	.069	.021	.125	.067	.020		
6.0	.141	.070	.020	.137	.069	.020	.131	.067	.020	.125	.065	.019	.120	.063	.019		
7.0	.133	.066	.019	.130	.065	.019	.125	.063	.018	.120	.061	.018	.115	.060	.018		
8.0	.127	.062	.017	.124	.061	.017	.119	.060	.017	.115	.058	.017	.110	.057	.016		
9.0	.121	.059	.016	.119	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016		
10.0	.116	.055	.015	.114	.055	.015	.110	.054	.015	.106	.053	.015	.102	.051	.015		

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	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.177	.163	.150	.152	.140	.129	.104	.096	.089	.060	.056	.052	.019	.018	.017		
2.0	.163	.138	.118	.139	.119	.102	.095	.082	.071	.055	.048	.042	.018	.015	.014		
3.0	.150	.119	.095	.129	.103	.082	.088	.071	.058	.051	.042	.034	.016	.014	.011		
4.0	.140	.105	.078	.120	.090	.068	.083	.063	.048	.048	.037	.028	.015	.012	.009		
5.0	.131	.093	.065	.112	.081	.057	.077	.056	.040	.045	.033	.024	.014	.011	.008		
6.0	.123	.084	.055	.106	.073	.048	.073	.051	.034	.042	.030	.020	.014	.010	.007		
7.0	.116	.076	.048	.100	.066	.042	.069	.046	.030	.040	.027	.018	.013	.009	.006		
8.0	.111	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.015	.012	.008	.005		
9.0	.105	.065	.037	.091	.056	.032	.063	.039	.023	.037	.023	.014	.012	.008	.005		
10.0	.100	.060	.033	.087	.052	.029	.060	.037	.021	.035	.022	.012	.011	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-05-14

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm										
NAME: RENO-LED-AURA-3-S8W-5CCT-BK						TYPE:			WEIGHT:	
SPEC.: 4000K						DIM.:			SERIAL No.:	
MFR.: RENO						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	19.6	20.5	19.8	20.7	20.9	20.0	21.0	20.3	21.2	21.3
3H	20.2	21.1	20.5	21.3	21.5	20.8	21.7	21.1	21.9	22.1
4H	20.4	21.2	20.7	21.5	21.7	21.1	22.0	21.4	22.2	22.4
6H	20.5	21.3	20.8	21.6	21.8	21.3	22.0	21.6	22.3	22.6
8H	20.5	21.3	20.9	21.5	21.8	21.3	22.0	21.6	22.3	22.6
12H	20.5	21.2	20.8	21.5	21.8	21.3	22.0	21.6	22.3	22.6
4H 2H	19.8	20.7	20.1	20.9	21.1	20.3	21.1	20.5	21.3	21.6
3H	20.7	21.4	21.0	21.7	21.9	21.3	22.0	21.6	22.3	22.6
4H	21.0	21.6	21.3	21.9	22.3	21.6	22.3	22.0	22.6	22.9
6H	21.2	21.7	21.6	22.1	22.5	21.8	22.4	22.2	22.7	23.1
8H	21.2	21.7	21.6	22.1	22.5	21.9	22.4	22.3	22.8	23.2
12H	21.2	21.6	21.6	22.0	22.4	21.9	22.4	22.3	22.8	23.2
8H 4H	21.1	21.6	21.5	22.0	22.4	21.7	22.2	22.1	22.6	23.0
6H	21.4	21.8	21.8	22.2	22.6	21.9	22.4	22.4	22.8	23.2
8H	21.4	21.8	21.9	22.2	22.7	22.0	22.4	22.5	22.8	23.3
12H	21.4	21.7	21.9	22.2	22.6	22.1	22.4	22.6	22.9	23.4
12H 4H	21.1	21.5	21.5	21.9	22.3	21.7	22.2	22.1	22.5	23.0
6H	21.3	21.7	21.8	22.1	22.6	21.9	22.3	22.3	22.7	23.2
8H	21.4	21.7	21.9	22.2	22.7	22.0	22.3	22.5	22.8	23.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.9 / - 1.0					+ 0.8 / - 0.9				
1.5H	+ 1.8 / - 0.9					+ 1.7 / - 0.7				
2.0H	+ 0.8 / - 0.5					+ 0.9 / - 0.5				

CIE Pub.117, 746.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.0)
 Area: 0.00198412 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	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) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	80	90	84	80	89	84	80	76
1.00	96	90	86	95	89	85	93	89	85	80
1.25	100	95	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	100	96	92	88
2.00	107	102	98	105	101	97	102	99	96	90
2.50	109	104	101	107	103	100	104	100	98	92
3.00	110	106	103	108	105	102	105	102	100	93
4.00	113	109	107	110	108	106	107	105	103	95
5.00	114	111	109	112	110	108	108	106	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

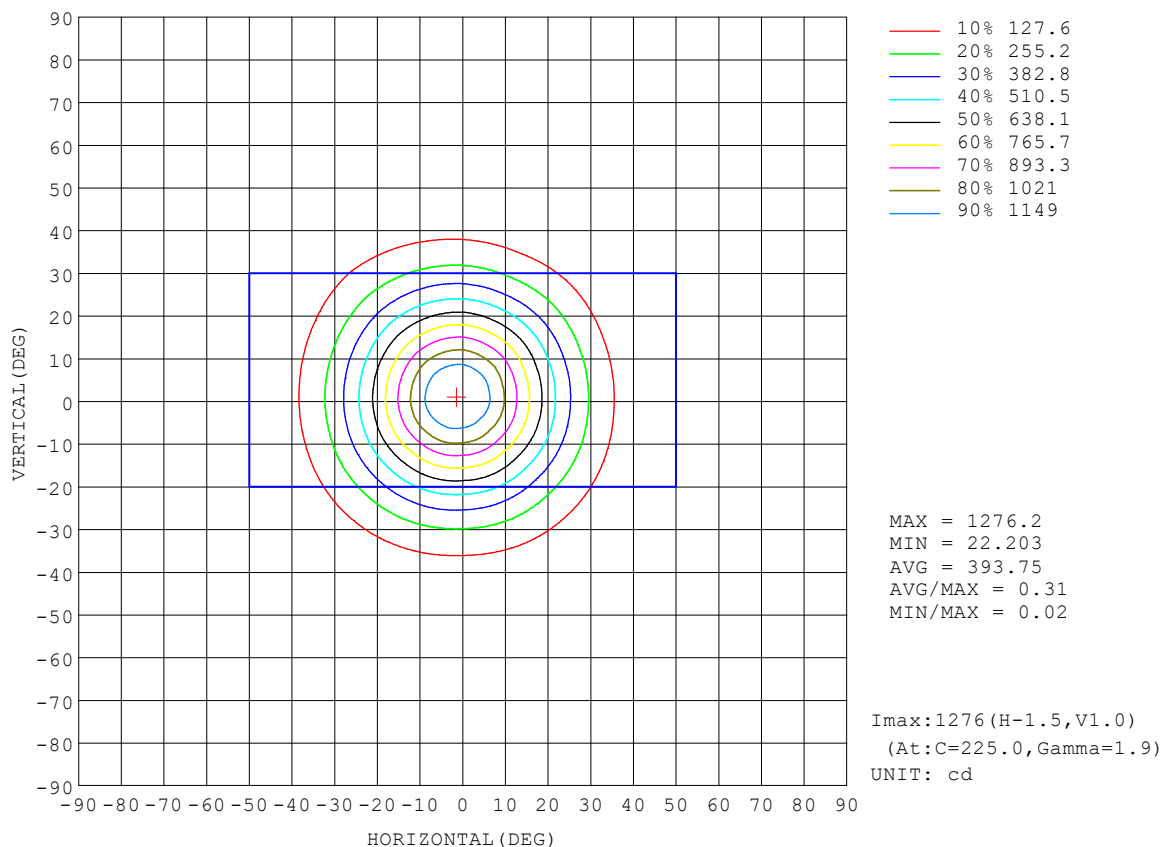
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3°C
 Operators:
 Test Date: 2026-05-14

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



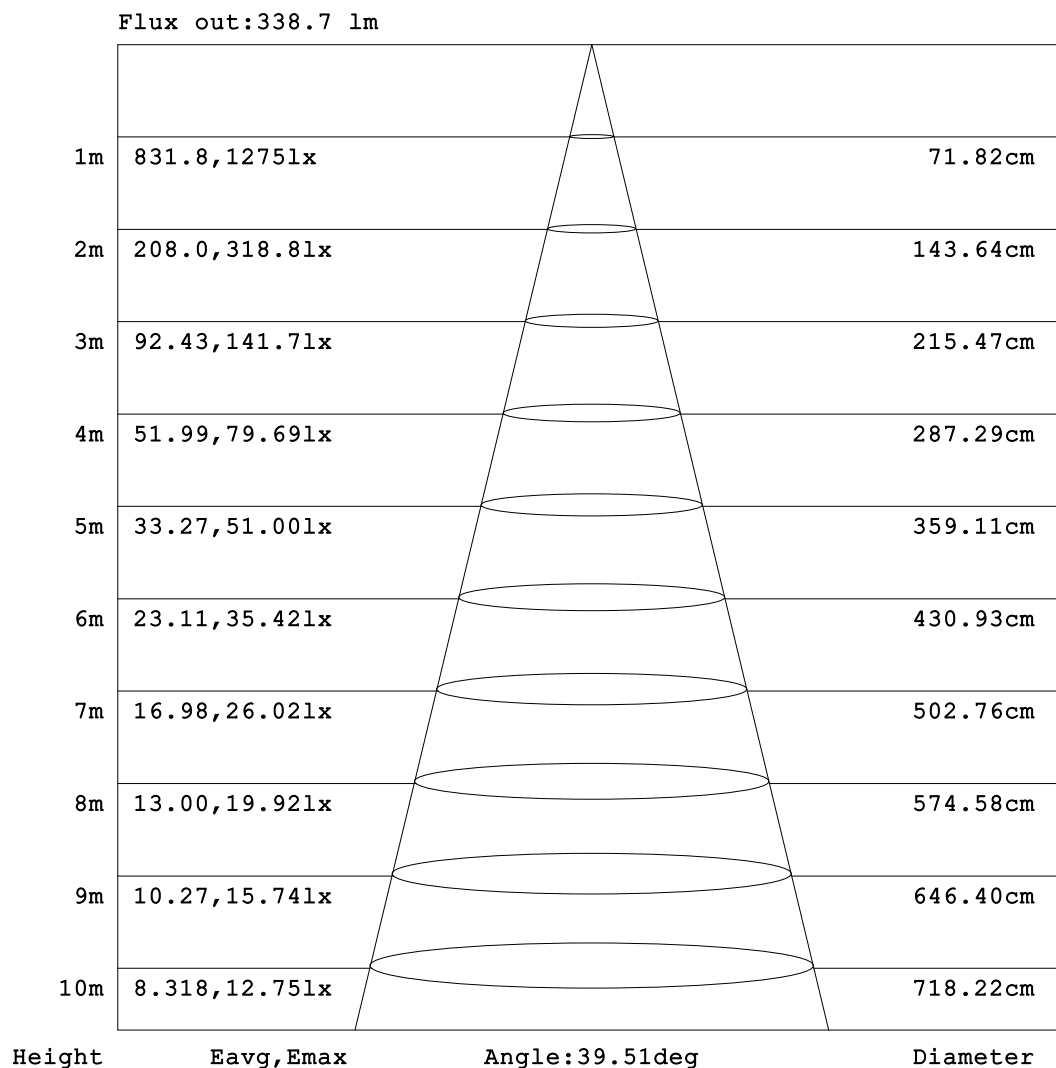
C Range: 0 - 360DEG
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Test Date:2026-05-14

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



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

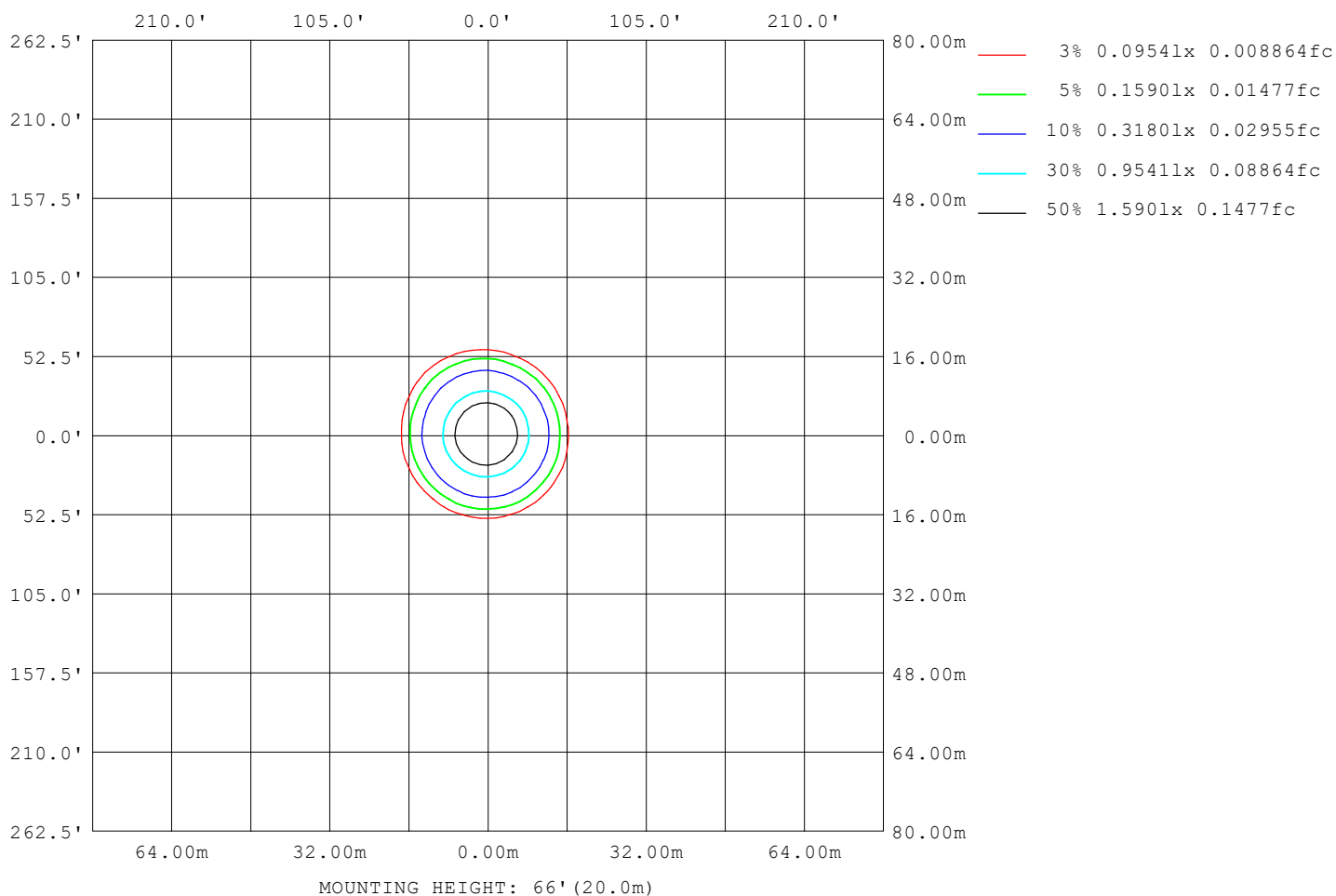
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-05-14

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test: U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3°C
 Operators:
 Test Date: 2026-05-14

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Avg.L Report

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

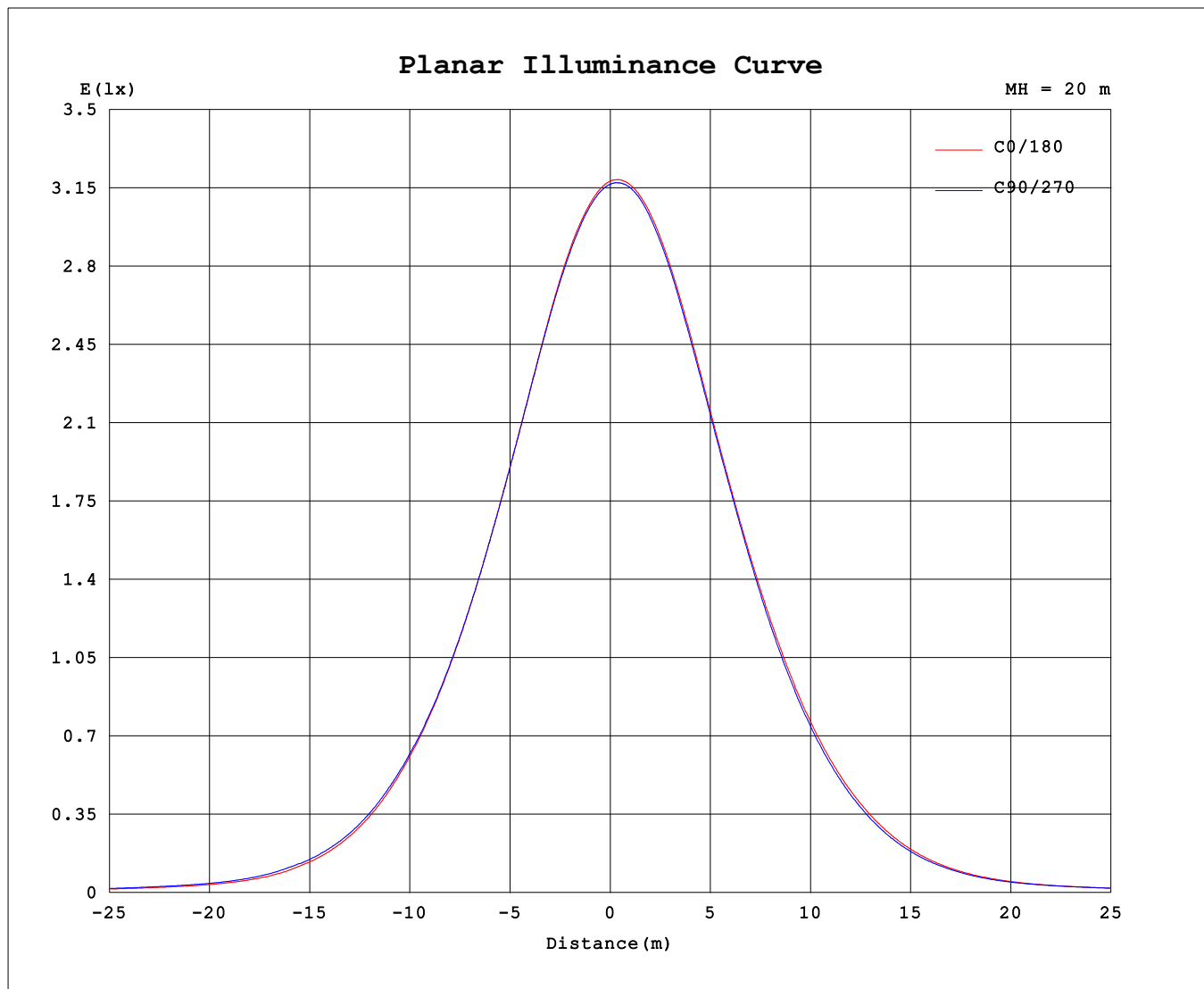
AvgL	cd/m2
L_0~180 (65) av	18735
L_0~180 (75) av	14948
L_0~180 (85) av	3376
L_90~270 (65) av	20867
L_90~270 (75) av	17628
L_90~270 (85) av	10118
L_45 (65) av	19984
L_45 (75) av	17201
L_45 (85) av	7296

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-05-14

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
 Test Date: 2026-05-14

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.25V I:0.0649A P:7.4952W PF:0.9599 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:746.677x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	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	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269			
5	1188	1182	1174	1180	1188	1203	1217	1233	1244	1249	1252	1246	1243	1226	1215	1200			
10	1011	1003	994	1004	1014	1042	1064	1094	1109	1115	1125	1114	1106	1081	1063	1031			
15	794	786	776	787	797	823	848	883	903	912	925	910	900	871	851	815			
20	581	575	567	578	585	611	635	669	687	696	706	692	681	651	633	600			
25	394	389	383	393	401	422	444	471	487	495	505	492	477	449	435	409			
30	244	242	239	249	254	269	285	307	320	327	334	323	309	285	274	253			
35	137	138	138	145	147	158	167	181	191	198	205	195	182	163	157	142			
40	72.4	74.4	77.2	80.6	82.0	86.9	92.8	98.6	105	111	119	110	99.9	89.1	83.1	74.5			
45	42.3	43.6	45.5	48.2	48.4	49.8	52.2	55.2	57.4	61.9	66.6	61.4	54.9	48.5	46.5	43.0			
50	30.1	31.1	32.4	34.2	34.8	34.8	35.8	36.8	37.3	39.4	41.7	40.7	37.1	33.4	33.1	30.7			
55	23.3	23.8	24.9	25.9	26.3	25.9	26.4	27.0	27.6	28.8	29.9	29.2	27.3	25.2	25.0	23.4			
60	19.0	19.0	20.1	21.1	21.3	20.5	20.7	21.1	21.5	22.4	23.4	23.2	22.6	20.7	20.3	19.2			
65	14.6	14.8	16.3	16.8	16.7	16.2	16.3	16.6	17.0	17.9	18.8	18.9	18.5	16.8	15.9	15.0			
70	10.1	10.7	12.3	13.0	12.4	12.0	12.1	12.5	12.9	14.0	15.5	15.4	14.1	12.4	11.5	10.4			
75	6.40	6.90	7.83	7.48	8.23	8.30	8.50	8.77	9.09	10.3	11.7	11.4	10.1	8.46	7.64	6.61			
80	3.40	3.68	2.93	2.95	4.24	2.60	4.57	5.21	4.99	6.18	7.57	7.23	5.68	4.52	4.40	3.56			
85	0.29	0.55	0.59	2.03	1.79	0.39	0.39	1.48	0.96	1.65	2.71	3.42	1.79	1.36	1.55	0.77			
90	0.10	0.14	0.27	0.69	0.68	0.24	0.14	0.09	0.08	0.07	0.09	0.21	0.19	0.11	0.10	0.08			
95	0.09	0.10	0.10	0.17	0.14	0.16	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.09	0.08			
100	0.12	0.13	0.12	0.12	0.13	0.12	0.11	0.09	0.11	0.09	0.10	0.10	0.10	0.10	0.13	0.10			
105	0.15	0.16	0.17	0.16	0.16	0.14	0.13	0.13	0.12	0.12	0.13	0.13	0.14	0.13	0.14	0.13			
110	0.19	0.20	0.20	0.20	0.20	0.18	0.17	0.16	0.15	0.15	0.16	0.17	0.18	0.17	0.17	0.17			
115	0.25	0.25	0.27	0.26	0.26	0.23	0.21	0.20	0.19	0.19	0.20	0.21	0.22	0.21	0.22	0.22			
120	0.33	0.34	0.36	0.35	0.34	0.30	0.28	0.26	0.24	0.24	0.25	0.27	0.28	0.28	0.28	0.29			
125	0.49	0.50	0.52	0.50	0.48	0.43	0.40	0.38	0.33	0.33	0.35	0.37	0.39	0.40	0.40	0.42			
130	0.75	0.77	0.78	0.76	0.73	0.65	0.61	0.57	0.49	0.50	0.52	0.54	0.58	0.60	0.61	0.64			
135	1.15	1.17	1.18	1.14	1.11	1.00	0.94	0.88	0.77	0.78	0.78	0.82	0.88	0.91	0.94	0.99			
140	1.71	1.73	1.72	1.65	1.63	1.49	1.39	1.34	1.20	1.20	1.17	1.23	1.32	1.37	1.42	1.51			
145	2.43	2.43	2.38	2.25	2.24	2.05	1.91	1.90	1.76	1.74	1.65	1.74	1.89	1.95	2.01	2.16			
150	3.22	3.20	2.99	2.80	2.83	2.60	2.41	2.43	2.33	2.25	2.12	2.28	2.48	2.53	2.60	2.89			
155	3.88	3.79	3.39	3.17	3.17	2.97	2.79	2.84	2.72	2.66	2.53	2.72	2.91	2.98	3.06	3.43			
160	3.96	3.86	3.49	3.29	3.24	3.08	2.96	2.97	2.85	2.82	2.79	2.94	3.10	3.20	3.24	3.63			
165	3.69	3.61	3.30	3.17	3.05	3.00	2.95	2.91	2.80	2.84	2.97	2.98	3.09	3.16	3.17	3.51			
170	3.18	3.09	3.09	2.96	2.90	2.91	2.85	2.72	2.72	2.74	2.92	3.05	3.04	3.07	3.20	3.14			
175	2.96	3.01	2.93	2.71	2.66	2.71	2.77	2.56	2.52	2.54	2.81	2.91	2.82	2.79	2.98	2.99			
180	2.75	2.75	2.95	2.78	2.68	2.70	2.94	2.77	2.74	2.74	2.94	2.79	2.68	2.71	2.95	2.77			

C Range: 0 - 360DEG
C Interval: 22.5DEG
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