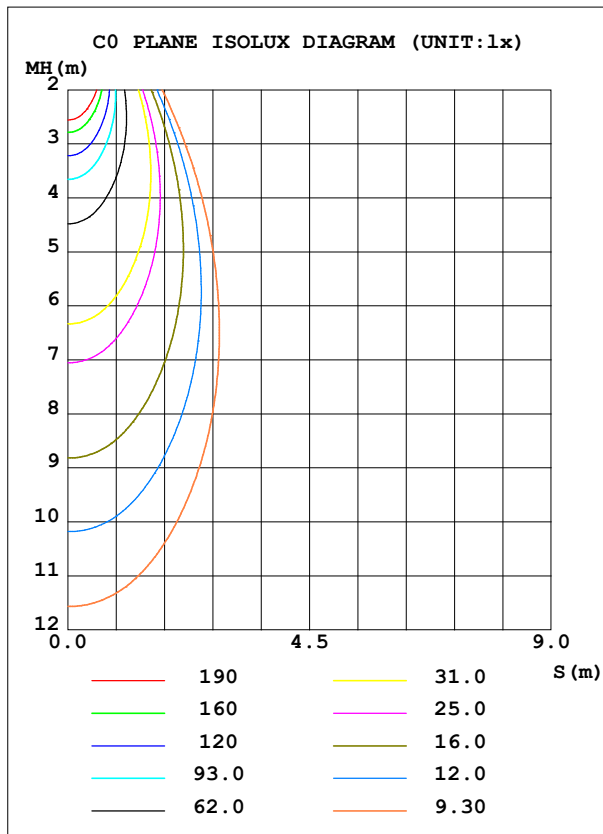
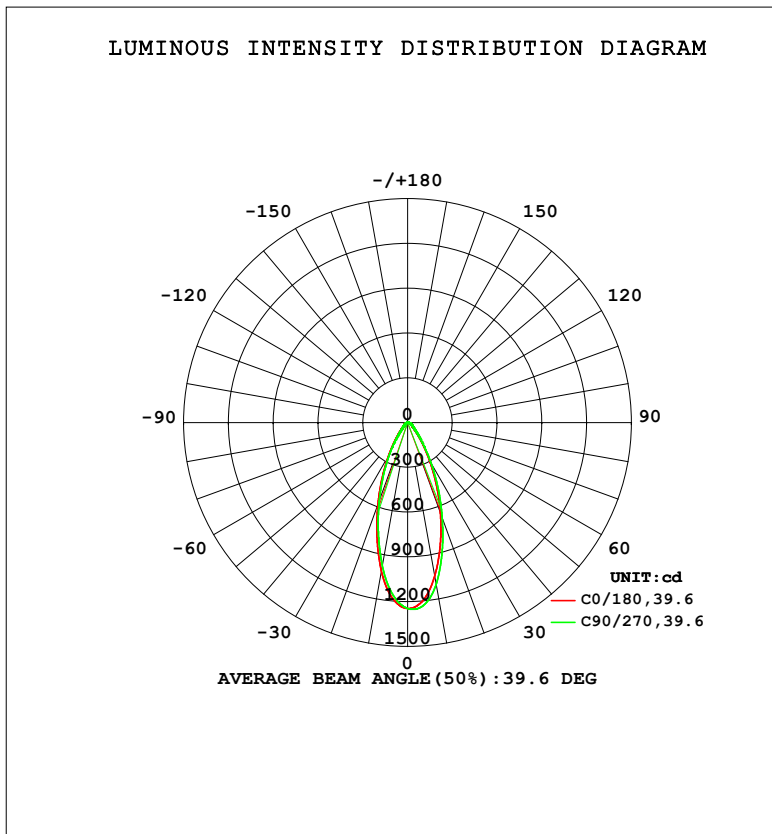


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.91lx1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.42 lm/W			
MORENO-LED-AURA-3-S8W-5CCT-WH		Imax (cd)	1253	S/MH(C0/180)	0.61
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	751.91	η UP,DN(C0-180)	0.4,53.0
NOMINAL FLUX(lm)	751.911	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,46.2
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	1045	1087	1102	1068	1013	974.6	976.9	1003	0- 10	108.6	108.6	14.4,14.4
20	644.4	673.8	680.9	642.8	584.2	547.9	556.9	599.8	10- 20	227.4	336.0	44.7,44.7
30	296.4	313.8	318.9	295.9	258.1	235.2	240.4	267.5	20- 30	197.1	533.0	70.9,70.9
40	103.0	108.7	111.7	102.1	90.49	79.50	79.65	86.02	30- 40	106.4	639.4	85,85
50	40.88	42.88	45.35	42.00	40.67	39.06	39.00	38.68	40- 50	46.63	686.0	91.2,91.2
60	24.85	25.78	27.38	25.95	25.30	24.42	24.86	24.28	50- 60	28.76	714.8	95.1,95.1
70	14.15	14.76	15.94	15.35	15.10	14.43	14.65	14.08	60- 70	19.75	734.5	97.7,97.7
80	4.256	3.328	5.120	4.694	4.485	5.755	4.724	5.334	70- 80	10.31	744.8	99.1,99.1
90	0.1276	0.2918	0.2625	0.1460	0.0834	0.0893	0.0985	0.1074	80- 90	1.575	746.4	99.3,99.3
100	0.1264	0.1179	0.1371	0.1200	0.1172	0.1082	0.1198	0.1189	90-100	0.1257	746.5	99.3,99.3
110	0.2116	0.1989	0.2069	0.1938	0.1906	0.1910	0.2143	0.1993	100-110	0.1668	746.7	99.3,99.3
120	0.3416	0.3204	0.3300	0.3190	0.3132	0.3289	0.3695	0.3337	110-120	0.2556	747.0	99.3,99.3
130	0.6749	0.6087	0.6304	0.6420	0.6475	0.6961	0.7594	0.6769	120-130	0.4182	747.4	99.4,99.4
140	1.478	1.315	1.337	1.376	1.431	1.537	1.642	1.496	130-140	0.7744	748.2	99.5,99.5
150	2.858	2.444	2.403	2.327	2.541	2.587	2.859	2.640	140-150	1.252	749.4	99.7,99.7
160	3.710	3.141	2.953	2.871	2.946	3.030	3.280	3.203	150-160	1.362	750.8	99.8,99.8
170	3.110	3.047	2.878	2.818	2.728	2.905	3.024	3.119	160-170	0.8754	751.6	100,100
180	2.731	2.912	2.692	2.900	2.726	2.908	2.683	2.900	170-180	0.2708	751.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

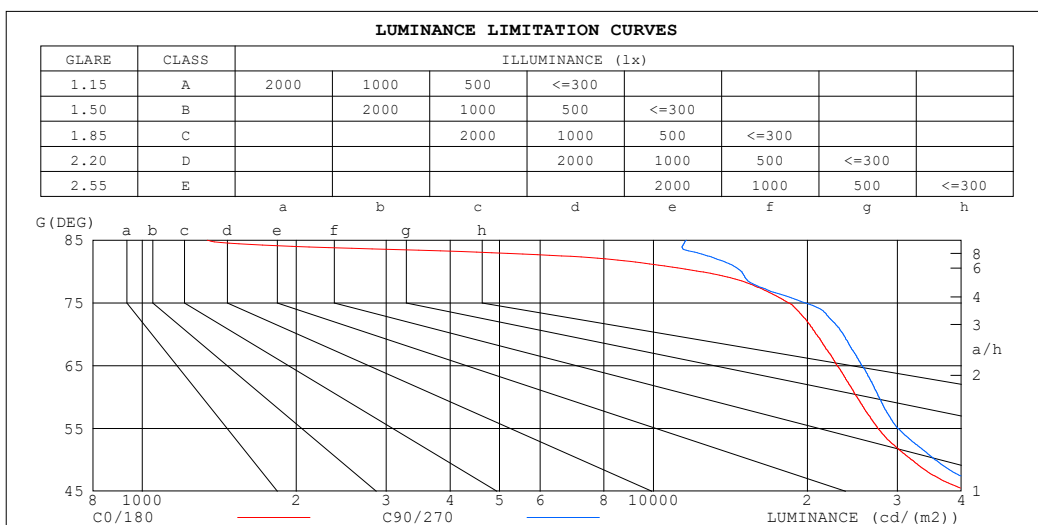
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

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:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.91lx1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1378	11795
80	12643	15050
75	18594	20096
70	20974	23646
65	23008	25732
60	25121	27726
55	27623	30256
50	32188	35787
45	41838	47226

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

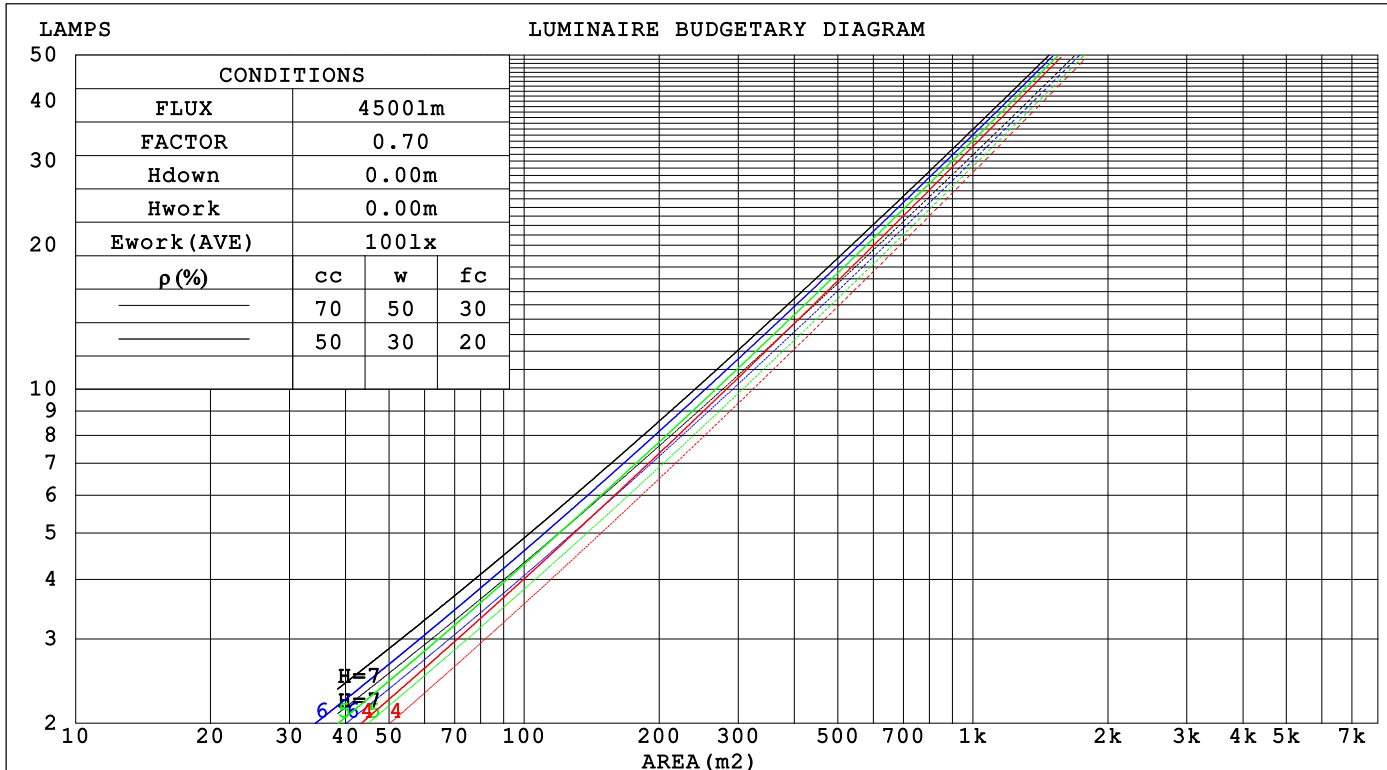
γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.91lx1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	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 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	1.07	1.05	1.08	1.05	1.03	1.03	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.02	.98	.94	1.00	.96	.93	.97	.93	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.90	.85	.93	.88	.85	.90	.86	.83	.88	.85	.82	.86	.83	.80	.79
4.0	.88	.83	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73
5.0	.83	.77	.73	.82	.76	.72	.80	.75	.72	.78	.74	.71	.77	.73	.70	.69
6.0	.78	.72	.68	.77	.72	.67	.76	.71	.67	.74	.70	.66	.73	.69	.66	.64
7.0	.74	.68	.63	.73	.67	.63	.72	.67	.63	.70	.66	.63	.69	.65	.62	.61
8.0	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.62	.59	.66	.62	.59	.57
9.0	.66	.60	.56	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
10.0	.63	.57	.54	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.52



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:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:751.911x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH			TYPE:			WEIGHT:		
SPEC.: 3500K			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	.190	.108	.034	.183	.105	.033	.170	.098	.031	.158	.091	.029	.147	.085	.028		
2.0	.181	.099	.030	.175	.096	.030	.164	.091	.028	.154	.086	.027	.144	.082	.026		
3.0	.171	.091	.027	.165	.089	.027	.156	.085	.026	.147	.081	.025	.139	.077	.024		
4.0	.161	.083	.025	.156	.082	.024	.148	.079	.023	.140	.075	.023	.133	.072	.022		
5.0	.152	.077	.022	.148	.076	.022	.141	.073	.022	.134	.071	.021	.128	.068	.020		
6.0	.143	.072	.021	.140	.071	.020	.134	.069	.020	.128	.066	.020	.122	.064	.019		
7.0	.136	.067	.019	.133	.066	.019	.127	.064	.019	.122	.063	.018	.117	.061	.018		
8.0	.129	.063	.018	.127	.062	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017		
9.0	.123	.060	.017	.121	.059	.017	.116	.057	.016	.112	.056	.016	.108	.055	.016		
10.0	.118	.056	.016	.115	.056	.016	.111	.055	.015	.108	.053	.015	.104	.052	.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	.178	.163	.149	.152	.140	.129	.104	.096	.089	.060	.056	.052	.019	.018	.017	
2.0	.163	.138	.117	.140	.119	.101	.096	.082	.071	.055	.048	.041	.018	.015	.013	
3.0	.151	.119	.094	.129	.103	.082	.089	.072	.057	.051	.042	.034	.016	.014	.011	
4.0	.141	.105	.077	.121	.090	.067	.083	.063	.047	.048	.037	.028	.015	.012	.009	
5.0	.132	.093	.065	.113	.081	.056	.078	.056	.040	.045	.033	.024	.015	.011	.008	
6.0	.124	.084	.055	.107	.073	.048	.074	.051	.034	.043	.030	.020	.014	.010	.007	
7.0	.117	.076	.048	.101	.066	.041	.070	.046	.029	.041	.027	.017	.013	.009	.006	
8.0	.111	.070	.042	.096	.061	.036	.066	.043	.026	.039	.025	.015	.012	.008	.005	
9.0	.106	.065	.037	.091	.056	.032	.063	.040	.023	.037	.023	.014	.012	.008	.005	
10.0	.101	.060	.033	.087	.052	.029	.061	.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:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.91lx1 lm										
NAME: RENO-LED-AURA-3-S8W-5CCT-WH					TYPE:			WEIGHT:		
SPEC.: 3500K					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	21.7	22.6	21.9	22.8	23.0	22.0	23.0	22.2	23.1	23.3
3H	22.3	23.2	22.6	23.4	23.6	22.7	23.6	22.9	23.8	24.0
4H	22.6	23.4	22.8	23.6	23.9	22.9	23.8	23.2	24.0	24.2
6H	22.7	23.5	23.0	23.7	24.0	23.0	23.8	23.3	24.1	24.3
8H	22.7	23.4	23.0	23.7	24.0	23.0	23.8	23.4	24.1	24.4
12H	22.6	23.4	23.0	23.6	23.9	23.0	23.8	23.4	24.1	24.3
4H 2H	21.9	22.7	22.2	22.9	23.2	22.2	23.0	22.4	23.2	23.5
3H	22.7	23.4	23.0	23.7	24.0	23.0	23.8	23.4	24.0	24.3
4H	23.1	23.7	23.4	24.0	24.4	23.3	24.0	23.7	24.3	24.7
6H	23.3	23.9	23.7	24.2	24.6	23.5	24.1	23.9	24.4	24.8
8H	23.3	23.8	23.7	24.2	24.6	23.5	24.1	23.9	24.4	24.8
12H	23.2	23.7	23.6	24.1	24.5	23.5	24.1	24.0	24.4	24.8
8H 4H	23.1	23.7	23.5	24.1	24.4	23.4	23.9	23.8	24.3	24.7
6H	23.4	23.8	23.8	24.2	24.7	23.6	24.0	24.0	24.4	24.9
8H	23.4	23.8	23.9	24.2	24.7	23.6	24.0	24.1	24.5	24.9
12H	23.3	23.7	23.8	24.1	24.6	23.7	24.1	24.2	24.5	25.0
12H 4H	23.1	23.6	23.5	24.0	24.4	23.4	23.9	23.8	24.2	24.7
6H	23.3	23.7	23.8	24.2	24.6	23.5	23.9	24.0	24.4	24.8
8H	23.4	23.7	23.8	24.2	24.6	23.6	24.0	24.1	24.4	24.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.9 / - 1.1					+ 1.0 / - 1.1				
1.5H	+ 1.7 / - 1.0					+ 1.9 / - 0.8				
2.0H	+ 0.9 / - 0.7					+ 1.1 / - 0.6				

CIE Pub.117, 751.9 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:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.911x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	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) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	82	75	71	81	74	71	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	85	94	88	84	93	88	84	79
1.25	100	94	90	99	93	89	96	92	88	84
1.50	103	97	93	101	96	93	99	95	92	87
2.00	106	101	98	105	100	97	102	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	105	102	105	102	99	93
4.00	112	109	107	110	107	105	106	104	102	95
5.00	114	111	109	112	109	107	107	106	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

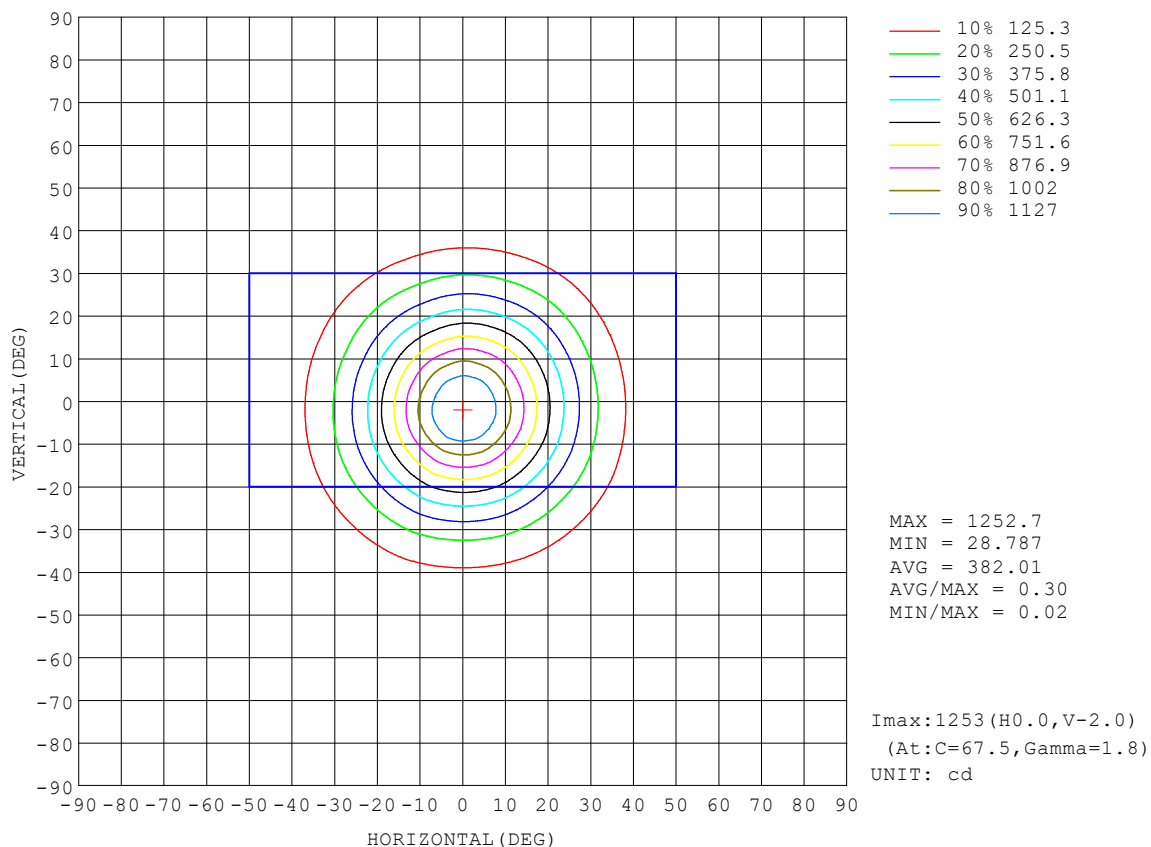
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
 Test Date: 2026-05-14

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:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.91lx1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

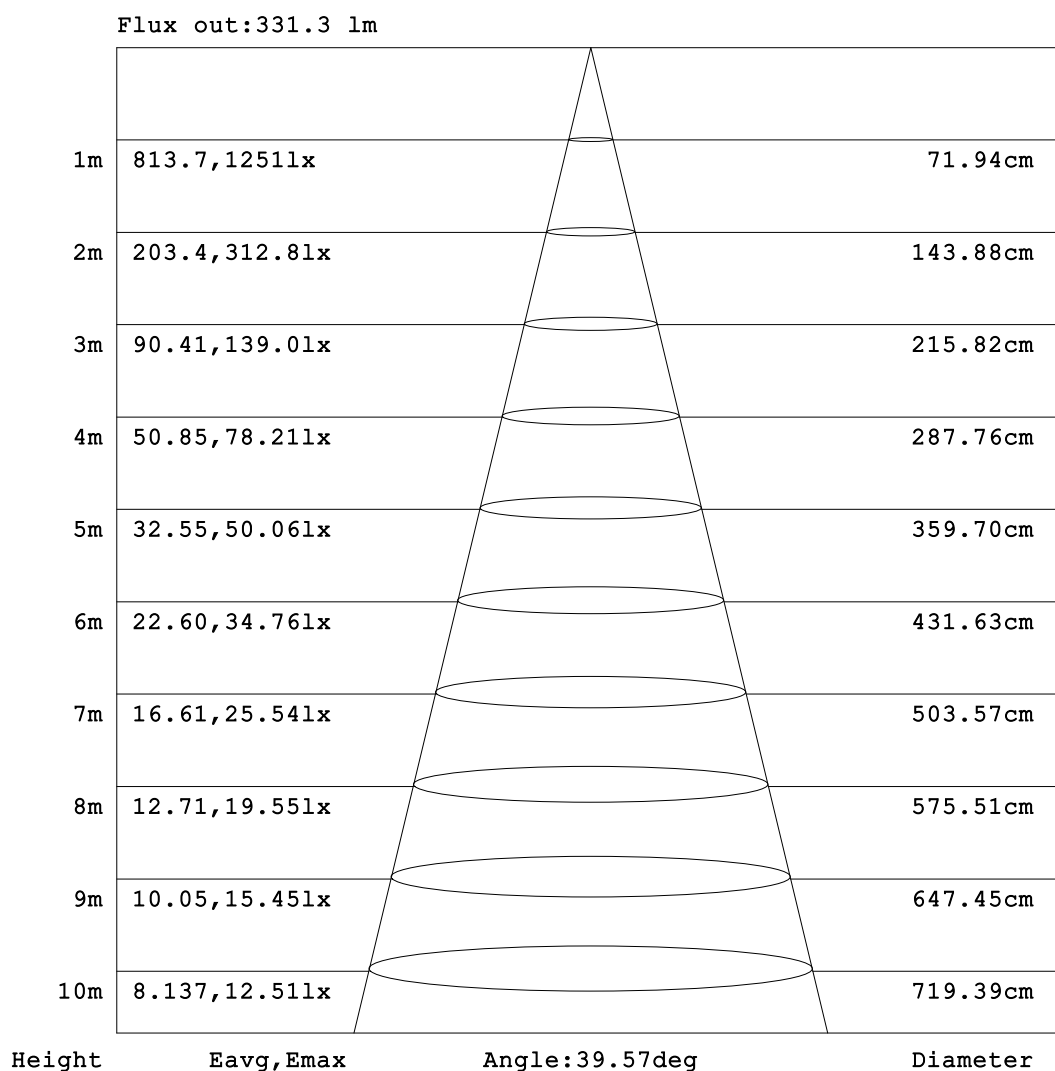


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-05-14

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
AAI Figure

Test:U:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.91lx1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	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.

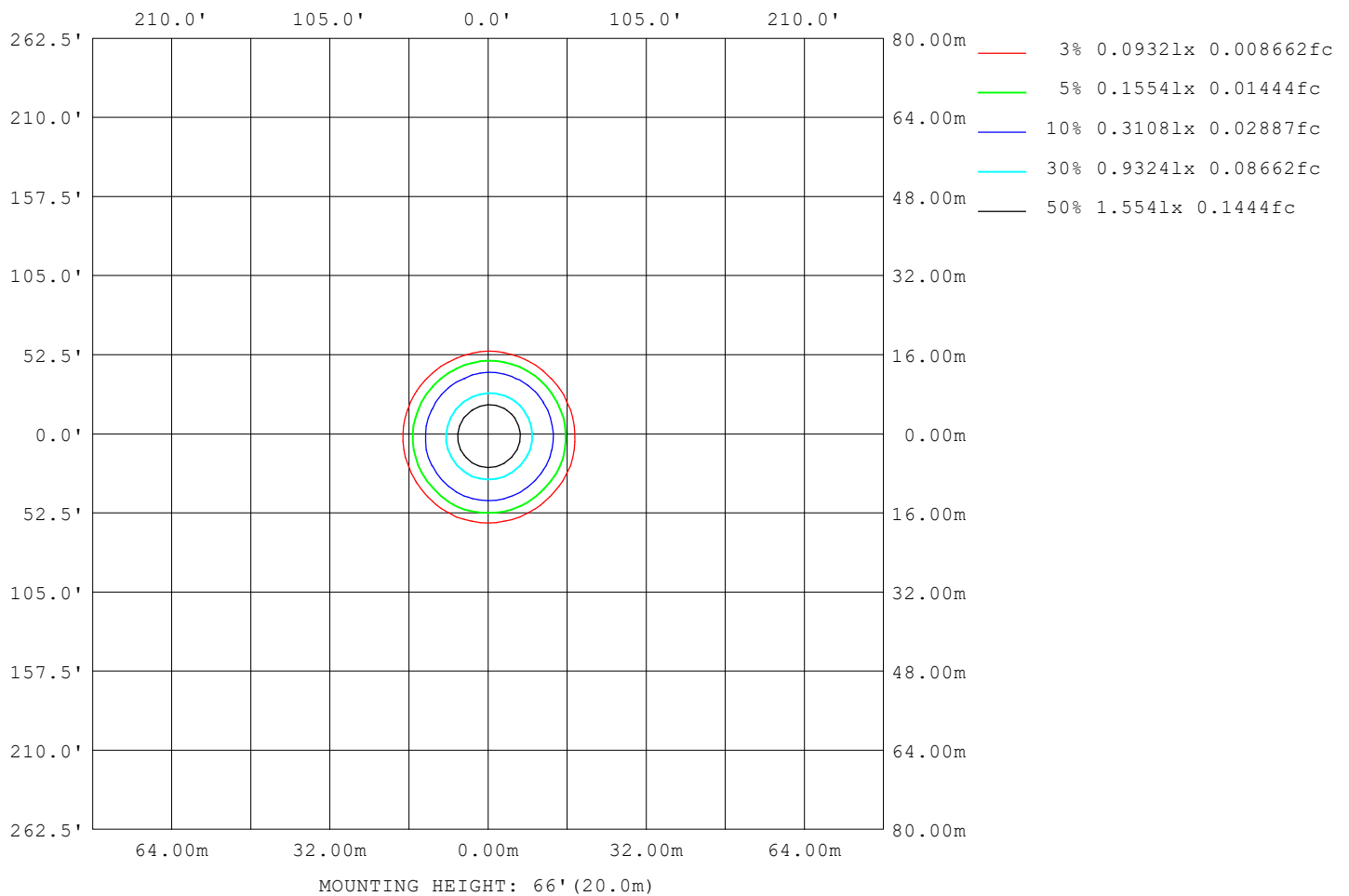
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3°C
 Operators:
 Test Date: 2026-05-14

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

ISOLUX DIAGRAM

Test:U:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.91lx1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



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

LED Avg.L Report

Test:U:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.911x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

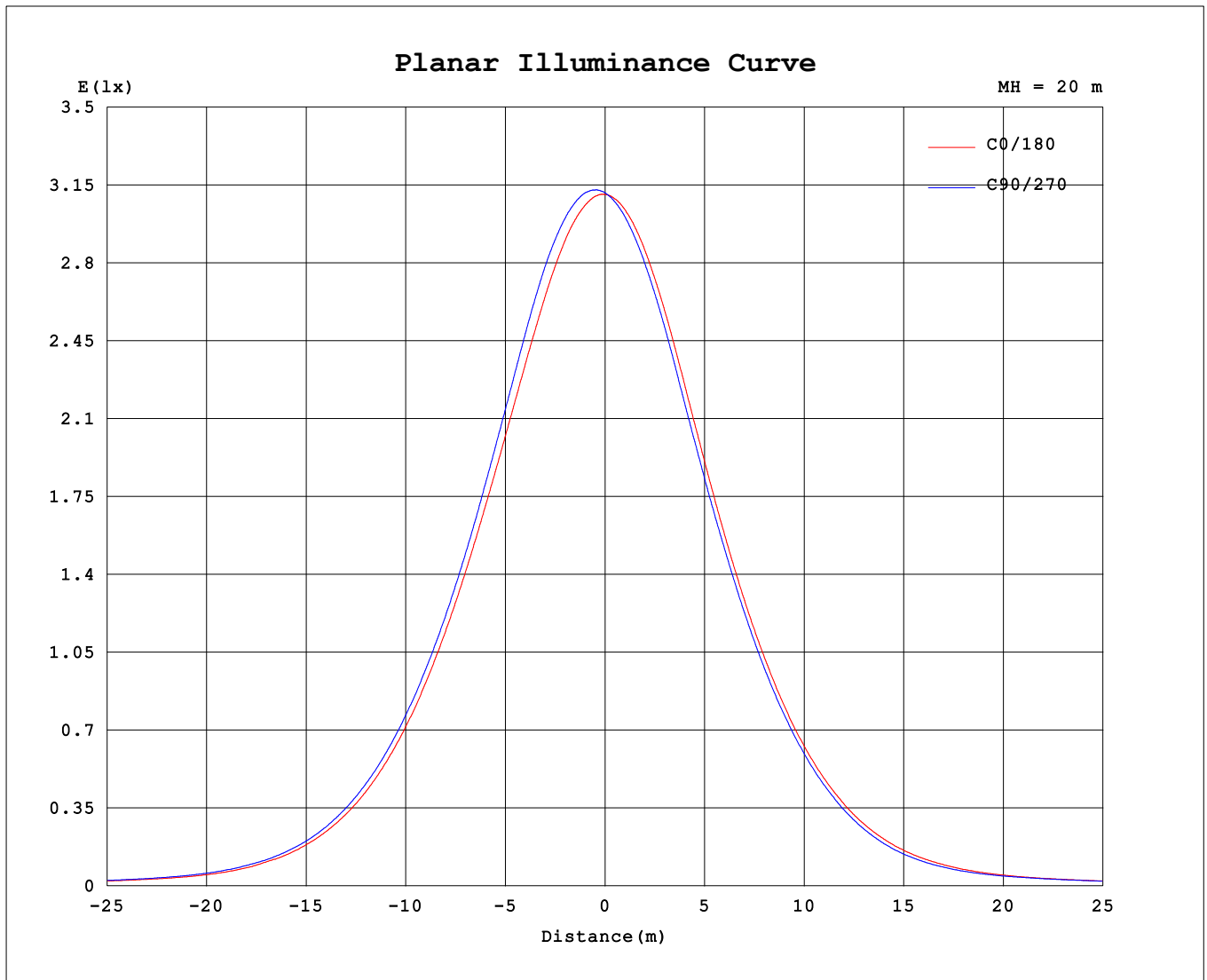
AvgL	cd/m2
L_0~180 (65) av	23288
L_0~180 (75) av	18837
L_0~180 (85) av	1005
L_90~270 (65) av	24406
L_90~270 (75) av	19617
L_90~270 (85) av	9426
L_45 (65) av	23490
L_45 (75) av	19169
L_45 (85) av	3701

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:120.26V I:0.0631A P:7.2701W PF:0.9573 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:751.911x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 3500K	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	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245			
5	1198	1214	1221	1231	1230	1229	1214	1200	1183	1166	1161	1155	1159	1161	1172	1182			
10	1049	1077	1091	1109	1106	1103	1072	1049	1017	988	979	969	981	986	1007	1023			
15	852	879	890	906	901	894	859	832	799	770	759	748	765	779	804	823			
20	648	671	678	690	685	681	647	620	588	561	552	544	561	577	604	622			
25	458	477	481	493	489	487	457	434	405	382	375	369	384	397	420	437			
30	299	314	317	326	322	322	299	282	261	242	238	232	243	252	270	282			
35	181	192	193	198	196	196	179	169	156	144	139	134	141	146	158	167			
40	104	111	110	114	113	113	103	96.7	91.5	86.0	80.3	77.7	80.5	82.0	87.1	94.3			
45	58.8	62.1	63.0	65.6	66.2	65.8	60.3	58.1	56.5	54.7	52.3	50.0	51.7	52.1	52.4	54.4			
50	41.1	42.5	43.1	44.1	45.6	45.7	42.2	41.5	40.9	40.2	39.3	37.7	39.2	39.5	38.9	39.4			
55	31.5	32.3	32.4	33.3	34.4	34.8	32.5	32.0	31.5	31.1	30.5	29.8	30.8	30.9	30.3	30.5			
60	25.0	25.9	25.9	26.5	27.5	27.7	26.1	25.7	25.4	25.0	24.5	24.1	25.0	25.0	24.4	24.4			
65	19.3	20.0	20.2	20.8	21.6	21.8	20.7	20.2	19.9	19.7	19.2	19.1	19.6	19.6	19.1	18.9			
70	14.3	14.8	14.9	15.5	16.0	16.2	15.5	15.2	15.2	15.3	14.5	14.4	14.7	14.6	14.2	13.9			
75	9.56	9.97	9.50	8.79	10.3	10.8	10.6	10.4	10.0	10.6	10.1	9.80	10.1	9.86	9.60	9.31			
80	4.36	4.60	3.44	3.46	5.18	3.17	4.83	5.41	4.58	5.16	5.84	5.65	4.82	4.66	5.42	4.75			
85	0.24	0.35	0.64	2.24	2.04	0.44	0.33	0.81	0.12	0.52	1.02	1.97	1.29	0.84	0.76	0.68			
90	0.13	0.17	0.29	0.38	0.27	0.27	0.15	0.10	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.10			
95	0.10	0.11	0.10	0.17	0.14	0.17	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.10			
100	0.13	0.14	0.12	0.12	0.14	0.13	0.12	0.12	0.11	0.12	0.11	0.11	0.12	0.12	0.12	0.11			
105	0.17	0.18	0.17	0.16	0.16	0.15	0.15	0.15	0.14	0.15	0.15	0.16	0.16	0.16	0.15	0.16			
110	0.21	0.21	0.20	0.19	0.21	0.20	0.19	0.19	0.19	0.19	0.19	0.20	0.21	0.21	0.20	0.20			
115	0.26	0.26	0.25	0.25	0.26	0.26	0.25	0.25	0.24	0.25	0.25	0.26	0.28	0.27	0.25	0.25			
120	0.34	0.33	0.32	0.32	0.33	0.33	0.32	0.32	0.31	0.32	0.33	0.34	0.37	0.36	0.33	0.32			
125	0.46	0.44	0.42	0.42	0.44	0.43	0.44	0.45	0.43	0.45	0.46	0.49	0.51	0.49	0.46	0.43			
130	0.67	0.63	0.60	0.60	0.63	0.62	0.64	0.66	0.64	0.68	0.69	0.72	0.75	0.73	0.67	0.63			
135	1.00	0.92	0.89	0.88	0.91	0.91	0.95	0.98	0.96	1.03	1.04	1.08	1.12	1.08	1.01	0.95			
140	1.47	1.37	1.31	1.27	1.33	1.32	1.37	1.44	1.42	1.51	1.53	1.57	1.63	1.58	1.48	1.41			
145	2.10	1.96	1.86	1.77	1.85	1.82	1.85	2.00	2.01	2.12	2.08	2.15	2.25	2.17	2.07	2.01			
150	2.84	2.66	2.43	2.30	2.39	2.32	2.32	2.50	2.53	2.64	2.58	2.71	2.85	2.74	2.63	2.72			
155	3.52	3.28	2.90	2.73	2.78	2.71	2.67	2.89	2.88	3.00	2.91	3.12	3.20	3.14	3.06	3.25			
160	3.71	3.50	3.14	2.97	2.95	2.87	2.87	2.98	2.94	3.04	3.03	3.25	3.28	3.28	3.20	3.47			
165	3.56	3.43	3.13	3.02	2.92	2.89	2.89	2.89	2.84	2.91	3.09	3.12	3.15	3.17	3.10	3.37			
170	3.12	3.04	3.04	2.93	2.88	2.90	2.82	2.73	2.73	2.73	2.91	3.06	3.02	3.04	3.12	3.05			
175	2.94	3.01	2.94	2.73	2.70	2.70	2.75	2.57	2.49	2.49	2.76	2.88	2.78	2.76	2.92	2.95			
180	2.74	2.72	2.91	2.78	2.69	2.69	2.90	2.78	2.73	2.71	2.90	2.78	2.69	2.70	2.90	2.79			

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