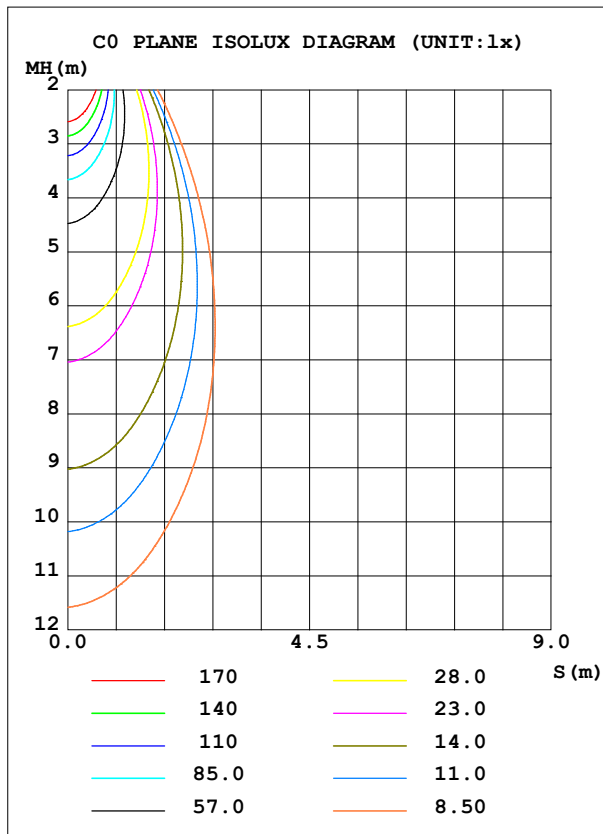
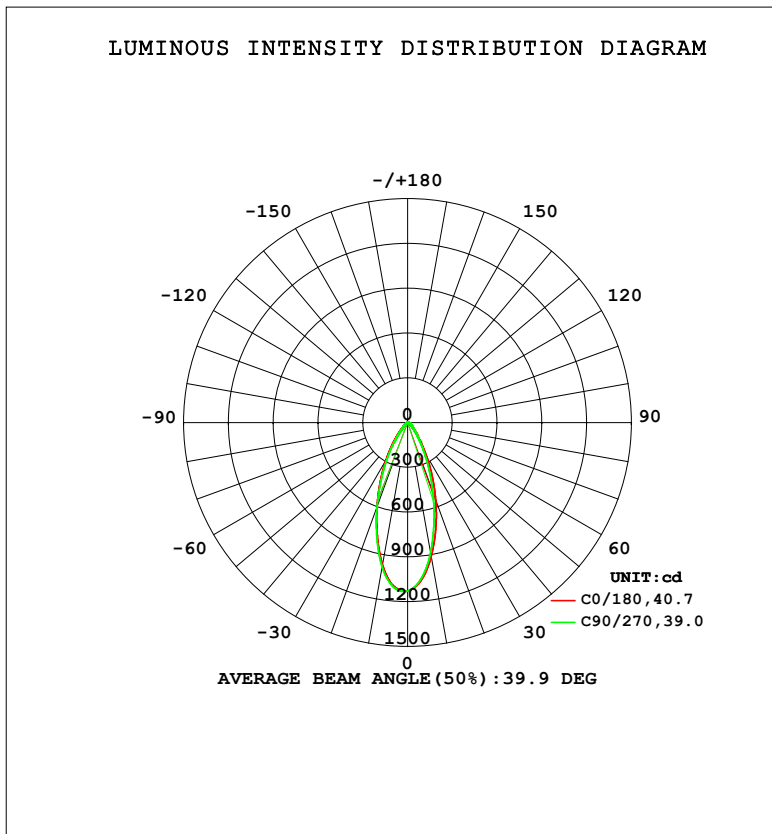


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.26V I:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.02 lm/W			
MODEL: RENO-LED-AURA-3-S8W-5CCT-BK		I _{max} (cd)	1133	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)	671.97	η UP, DN (C0-180)	0.4, 46.8
NOMINAL FLUX (lm)	671.968	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 52.5
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 °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

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	912.4	882.2	887.9	927.7	969.2	989.3	984.1	958.0	0- 10	98.41	98.41	14.6,14.6
20	552.7	504.1	496.4	551.6	602.0	609.2	600.8	597.8	10- 20	207.3	305.7	45.5,45.5
30	247.5	209.3	209.5	256.2	293.7	285.0	268.9	272.2	20- 30	180.5	486.3	72.4,72.4
40	73.21	66.28	69.51	85.71	102.9	101.3	86.69	81.07	30- 40	96.27	582.5	86.7,86.7
50	27.94	28.77	31.07	32.31	34.35	37.16	33.23	30.64	40- 50	38.53	621.0	92.4,92.4
60	17.38	17.85	18.97	18.61	19.28	20.72	20.01	18.51	50- 60	21.64	642.7	95.6,95.6
70	9.052	10.69	11.17	10.85	11.60	13.55	12.37	10.27	60- 70	14.78	657.5	97.8,97.8
80	2.976	2.411	3.630	3.999	4.466	6.496	4.927	3.795	70- 80	7.976	665.4	99,99
90	0.0818	0.2193	0.3739	0.1254	0.0834	0.0741	0.1229	0.0847	80- 90	1.624	667.1	99.3,99.3
100	0.1048	0.1110	0.1192	0.0956	0.0865	0.0844	0.0871	0.1137	90-100	0.1021	667.2	99.3,99.3
110	0.1726	0.1820	0.1803	0.1506	0.1411	0.1403	0.1593	0.1587	100-110	0.1332	667.3	99.3,99.3
120	0.3087	0.3181	0.3022	0.2639	0.2233	0.2235	0.2551	0.2607	110-120	0.2031	667.5	99.3,99.3
130	0.7099	0.6875	0.6496	0.5974	0.4919	0.4594	0.5025	0.5647	120-130	0.3536	667.9	99.4,99.4
140	1.566	1.510	1.447	1.344	1.179	1.068	1.137	1.290	130-140	0.6943	668.6	99.5,99.5
150	2.856	2.630	2.534	2.243	2.164	1.945	2.167	2.290	140-150	1.141	669.7	99.7,99.7
160	3.478	3.082	2.901	2.676	2.551	2.529	2.757	2.838	150-160	1.239	670.9	99.8,99.8
170	2.806	2.746	2.600	2.559	2.410	2.635	2.735	2.826	160-170	0.7927	671.7	100,100
180	2.444	2.598	2.404	2.640	2.456	2.601	2.403	2.636	170-180	0.2442	672.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

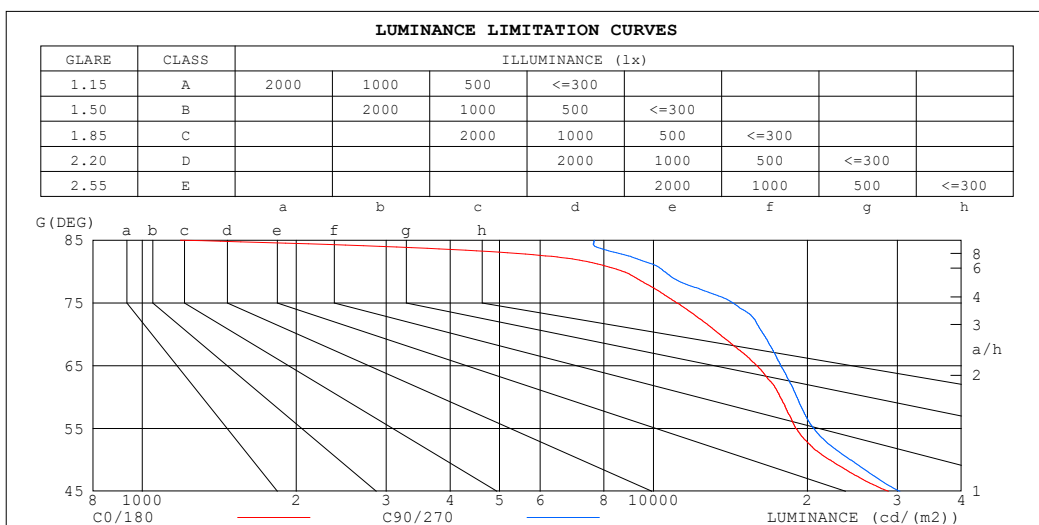
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

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:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1325	7814
80	8878	10646
75	11237	14446
70	13577	16522
65	16038	17822
60	17769	19153
55	19084	20676
50	22273	24447
45	29110	30563

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

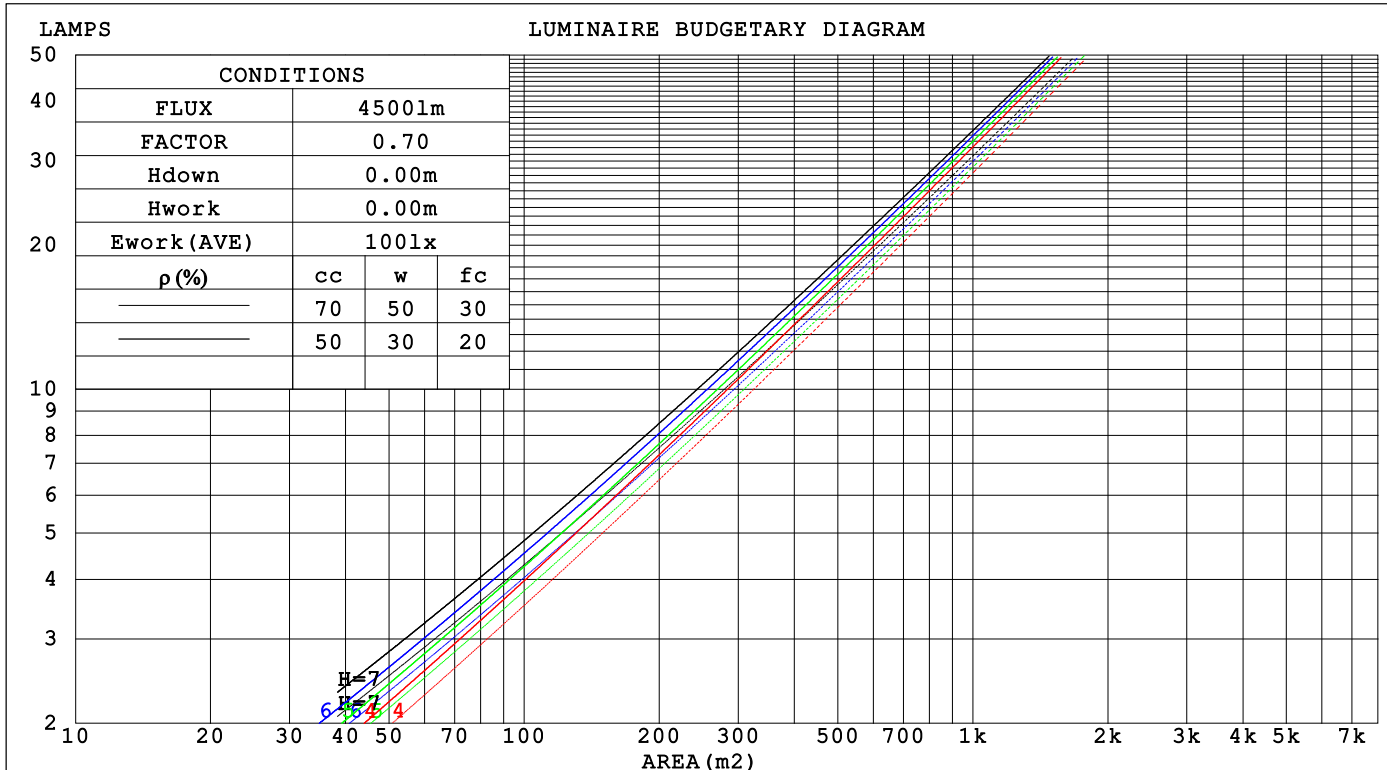
γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.26V I:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	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	1.08	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	.94	1.00	.97	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.89	.83	.79	.88	.83	.79	.86	.81	.78	.84	.80	.77	.82	.78	.76	.74
5.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.79	.75	.72	.77	.74	.71	.70
6.0	.79	.73	.69	.78	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.65
7.0	.74	.69	.64	.74	.68	.64	.72	.67	.64	.71	.67	.63	.70	.66	.63	.62
8.0	.71	.65	.61	.70	.64	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
9.0	.67	.61	.57	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
10.0	.64	.58	.54	.63	.58	.54	.62	.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:120.26V I:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	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	.172	.094	.029	.160	.089	.028	.150	.084	.026	.141	.080	.025		
3.0	.167	.089	.027	.162	.087	.026	.153	.083	.025	.144	.079	.024	.136	.075	.023		
4.0	.158	.082	.024	.153	.080	.024	.145	.077	.023	.138	.074	.022	.130	.071	.022		
5.0	.149	.076	.022	.145	.075	.022	.138	.072	.021	.131	.069	.021	.125	.067	.020		
6.0	.141	.071	.020	.138	.070	.020	.131	.067	.020	.126	.065	.019	.120	.063	.019		
7.0	.134	.066	.019	.131	.065	.019	.125	.063	.018	.120	.062	.018	.115	.060	.018		
8.0	.127	.062	.018	.125	.061	.017	.120	.060	.017	.115	.058	.017	.111	.057	.017		
9.0	.122	.059	.016	.119	.058	.016	.115	.057	.016	.111	.055	.016	.107	.054	.016		
10.0	.116	.056	.015	.114	.055	.015	.110	.054	.015	.106	.053	.015	.103	.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	.177	.163	.150	.152	.140	.129	.104	.096	.089	.060	.056	.052	.019	.018	.017		
2.0	.163	.138	.117	.139	.119	.102	.095	.082	.071	.055	.048	.042	.018	.015	.014		
3.0	.150	.119	.095	.129	.103	.082	.088	.071	.057	.051	.042	.034	.016	.014	.011		
4.0	.140	.105	.078	.120	.090	.067	.083	.063	.047	.048	.037	.028	.015	.012	.009		
5.0	.131	.093	.065	.113	.081	.057	.078	.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	.117	.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	.101	.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:120.26V I:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz											
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm											
NAME: RENO-LED-AURA-3-S8W-5CCT-BK						TYPE:			WEIGHT:		
SPEC.: 2700K						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		19.5	20.5	19.7	20.6	20.8	19.5	20.4	19.7	20.6	20.8
3H		20.1	21.0	20.3	21.2	21.4	20.3	21.2	20.6	21.4	21.6
4H		20.3	21.1	20.6	21.3	21.6	20.6	21.5	20.9	21.7	21.9
6H		20.4	21.2	20.7	21.4	21.7	20.8	21.5	21.1	21.8	22.1
8H		20.4	21.1	20.7	21.4	21.7	20.8	21.5	21.1	21.8	22.1
12H		20.3	21.1	20.7	21.3	21.6	20.8	21.5	21.1	21.8	22.1
4H 2H		19.7	20.6	20.0	20.8	21.0	19.7	20.5	20.0	20.8	21.0
3H		20.5	21.2	20.8	21.5	21.8	20.8	21.5	21.1	21.8	22.1
4H		20.8	21.4	21.1	21.7	22.1	21.1	21.8	21.5	22.1	22.4
6H		20.9	21.5	21.3	21.9	22.2	21.3	21.9	21.7	22.2	22.6
8H		21.0	21.5	21.4	21.9	22.2	21.4	21.9	21.8	22.3	22.7
12H		20.9	21.4	21.3	21.8	22.2	21.4	21.9	21.8	22.3	22.7
8H 4H		20.9	21.4	21.3	21.8	22.2	21.2	21.7	21.6	22.1	22.5
6H		21.1	21.5	21.5	21.9	22.4	21.4	21.9	21.9	22.3	22.7
8H		21.1	21.5	21.6	22.0	22.4	21.5	21.9	22.0	22.3	22.8
12H		21.1	21.4	21.6	21.9	22.4	21.6	21.9	22.0	22.4	22.8
12H 4H		20.8	21.3	21.3	21.7	22.1	21.2	21.7	21.6	22.1	22.5
6H		21.1	21.5	21.5	21.9	22.3	21.4	21.8	21.8	22.2	22.7
8H		21.1	21.4	21.6	21.9	22.4	21.5	21.8	22.0	22.3	22.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.2 / - 1.1					+ 0.8 / - 0.9				
1.5H		+ 2.4 / - 0.9					+ 1.5 / - 0.7				
2.0H		+ 0.9 / - 0.5					+ 0.9 / - 0.5				

CIE Pub.117, 672.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.4)
 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:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	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	84	80	90	84	80	89	83	80	76
1.00	96	90	86	95	89	85	93	89	85	80
1.25	100	94	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	100	96	92	87
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	104	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		

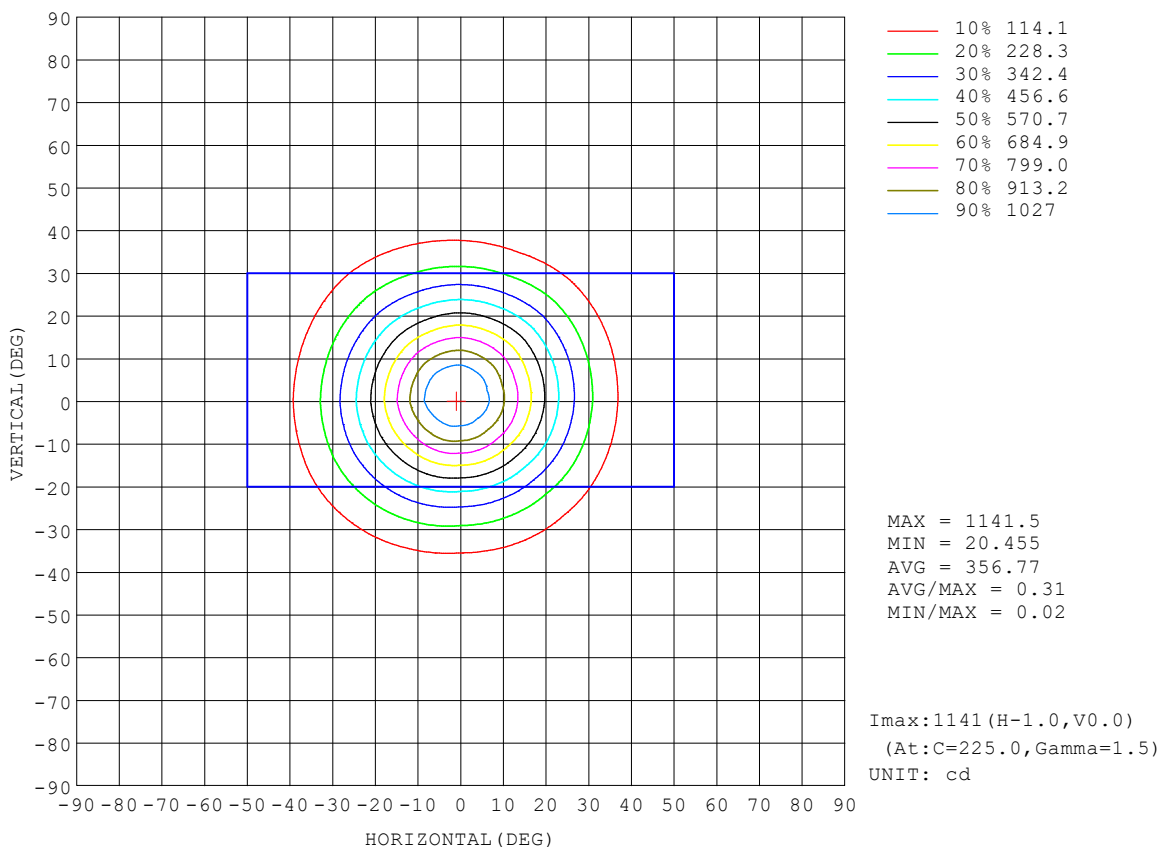
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3°C
 Operators:
 Test Date: 2026-05-14

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:120.26V I:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

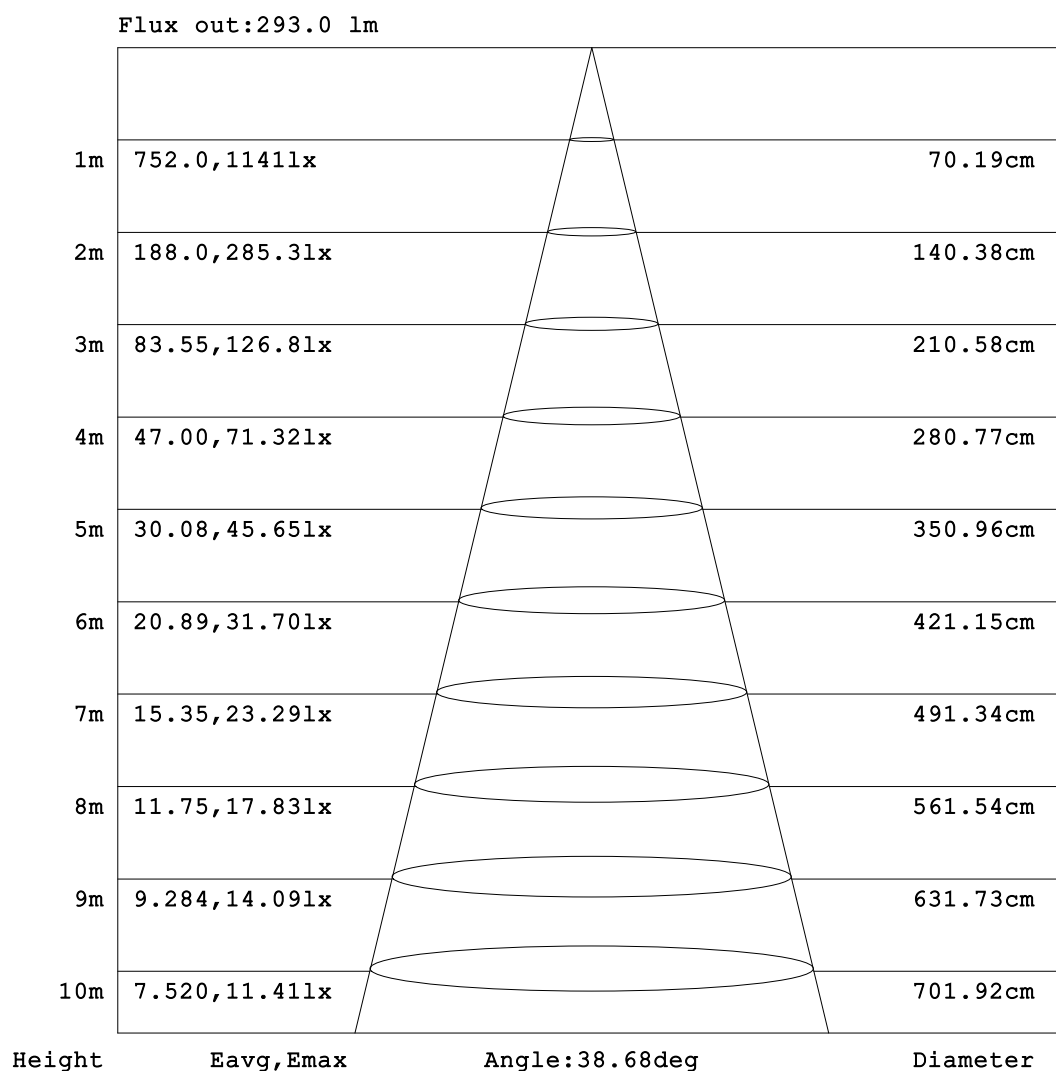


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

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:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	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.

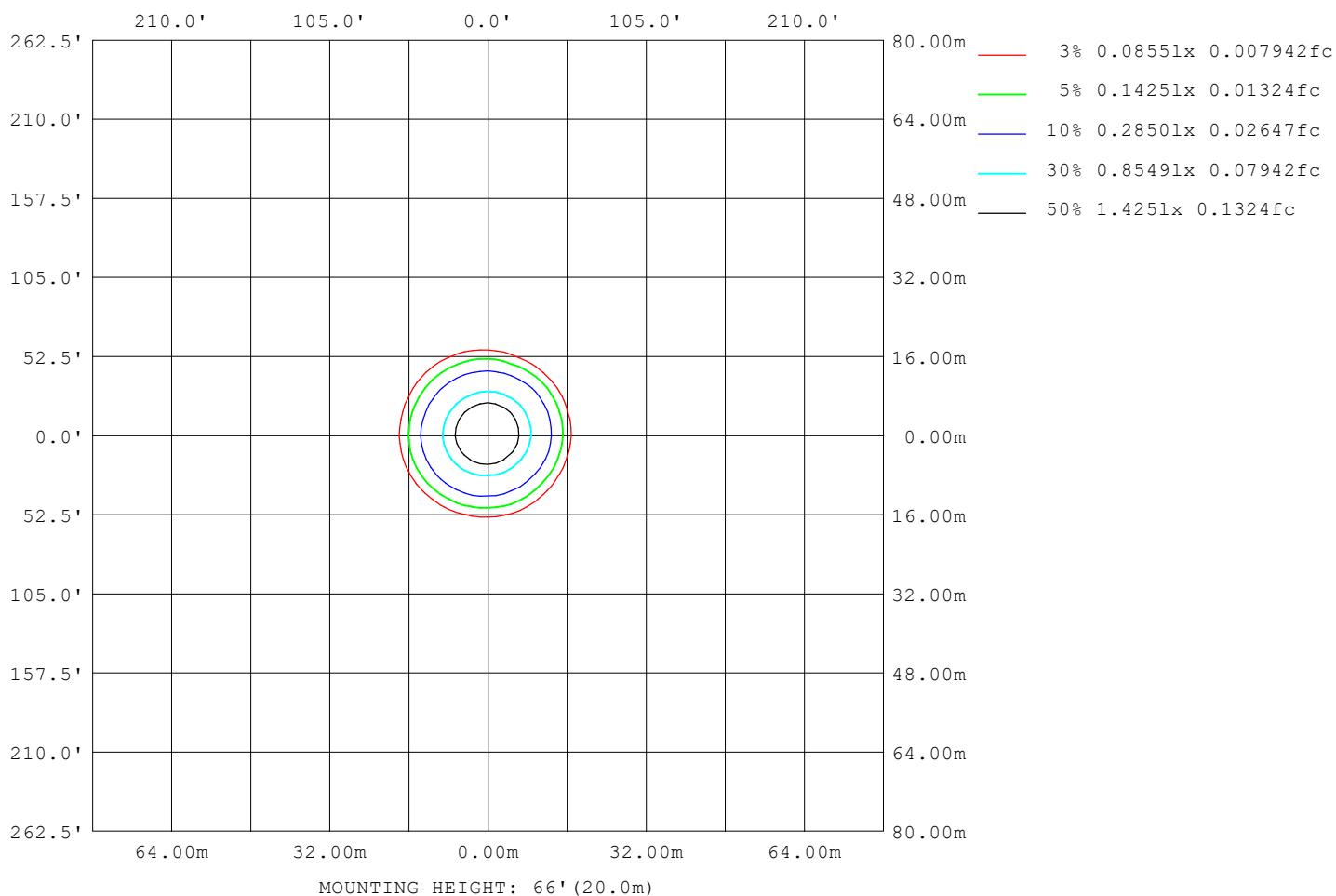
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

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:120.26V I:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	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:120.26V I:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

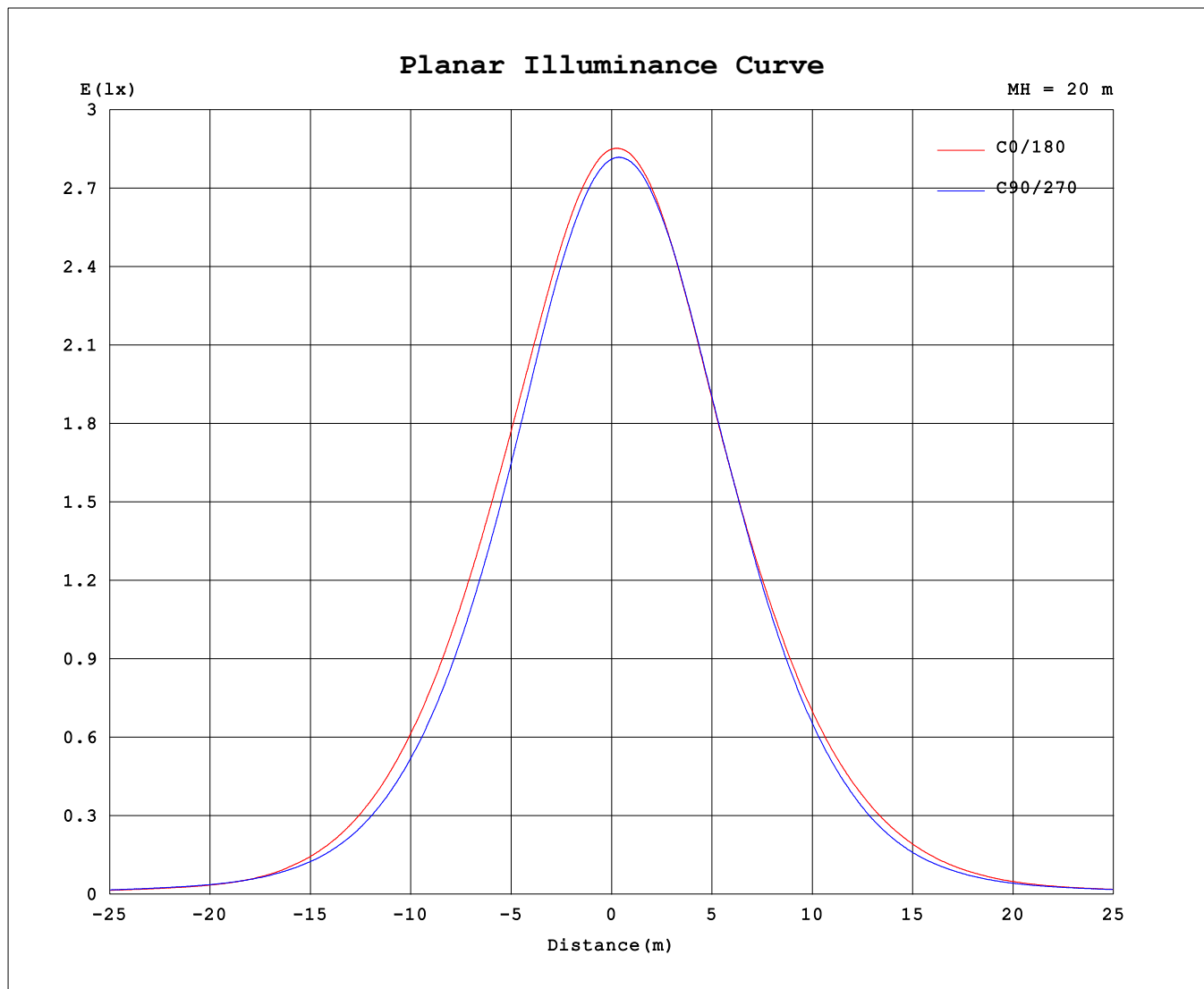
AvgL	cd/m2
L_0~180 (65) av	17007
L_0~180 (75) av	13462
L_0~180 (85) av	3186
L_90~270 (65) av	18646
L_90~270 (75) av	15758
L_90~270 (85) av	8138
L_45 (65) av	17882
L_45 (75) av	15175
L_45 (85) av	6366

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:0.0660A P:7.6339W PF:0.9613 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:671.968x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 2700K	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	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128			
5	1062	1054	1045	1049	1051	1065	1075	1089	1100	1105	1112	1109	1107	1095	1088	1074			
10	916	903	886	889	891	914	931	956	973	981	993	987	988	971	961	937			
15	736	719	694	690	689	714	738	769	789	797	809	802	802	792	786	760			
20	556	535	508	500	500	527	555	589	605	609	613	601	605	599	601	580			
25	390	369	343	336	338	364	393	424	439	438	436	421	421	417	425	410			
30	250	233	211	209	212	233	259	286	296	292	288	274	271	266	275	265			
35	144	132	121	122	123	137	155	176	184	179	177	165	159	151	159	153			
40	74.2	69.2	67.0	69.4	70.3	75.6	86.9	99.0	104	102	102	96.4	87.9	80.2	82.3	79.0			
45	40.4	39.9	40.6	43.1	43.0	43.9	48.0	53.4	55.9	56.4	59.0	54.9	49.2	43.7	43.8	41.5			
50	28.1	28.3	28.9	31.0	31.3	31.0	32.5	34.1	34.6	35.8	37.4	36.6	33.4	30.2	30.8	28.8			
55	21.5	21.5	22.4	23.5	23.6	23.1	23.9	24.8	25.2	26.0	26.9	26.3	24.7	22.7	23.1	21.7			
60	17.4	17.1	17.9	18.8	19.1	18.3	18.7	19.3	19.4	20.1	20.8	20.7	20.1	18.6	18.6	17.7			
65	13.3	13.3	14.3	15.1	15.0	14.4	14.7	15.2	15.4	16.0	16.8	16.8	16.4	15.1	14.5	13.7			
70	9.12	9.54	10.8	11.6	11.2	10.8	10.9	11.4	11.7	12.4	13.6	13.5	12.4	11.1	10.3	9.45			
75	5.71	6.05	6.91	6.32	7.44	7.36	7.65	8.01	8.24	9.12	10.1	9.96	8.88	7.55	6.76	5.93			
80	3.03	3.11	2.49	2.55	3.68	2.31	4.09	4.77	4.55	5.54	6.56	6.30	5.00	4.04	3.84	3.18			
85	0.23	0.44	0.49	1.66	1.36	0.35	0.35	1.35	0.96	1.47	2.42	2.97	1.53	1.19	1.34	0.68			
90	0.08	0.11	0.22	0.46	0.41	0.21	0.12	0.08	0.08	0.08	0.08	0.15	0.16	0.09	0.09	0.08			
95	0.08	0.09	0.09	0.15	0.12	0.14	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.08	0.08			
100	0.10	0.11	0.11	0.11	0.12	0.11	0.09	0.09	0.09	0.09	0.08	0.09	0.09	0.09	0.12	0.09			
105	0.13	0.14	0.15	0.14	0.14	0.12	0.12	0.11	0.11	0.11	0.11	0.12	0.12	0.11	0.13	0.12			
110	0.17	0.18	0.18	0.18	0.18	0.16	0.15	0.15	0.14	0.14	0.14	0.15	0.16	0.15	0.16	0.15			
115	0.22	0.23	0.23	0.23	0.22	0.21	0.20	0.18	0.17	0.17	0.17	0.18	0.19	0.19	0.19	0.20			
120	0.31	0.31	0.31	0.31	0.30	0.27	0.26	0.25	0.22	0.22	0.22	0.24	0.25	0.25	0.26	0.27			
125	0.46	0.46	0.45	0.44	0.43	0.39	0.38	0.37	0.31	0.31	0.31	0.32	0.34	0.35	0.37	0.39			
130	0.70	0.69	0.68	0.66	0.64	0.60	0.59	0.57	0.49	0.47	0.45	0.47	0.50	0.53	0.56	0.60			
135	1.06	1.05	1.03	0.98	0.98	0.92	0.91	0.89	0.76	0.73	0.70	0.71	0.75	0.80	0.86	0.93			
140	1.56	1.54	1.50	1.43	1.44	1.37	1.33	1.33	1.17	1.13	1.06	1.06	1.13	1.20	1.28	1.38			
145	2.17	2.15	2.08	1.96	1.99	1.88	1.81	1.82	1.68	1.63	1.50	1.52	1.63	1.70	1.79	1.93			
150	2.84	2.81	2.62	2.47	2.53	2.37	2.24	2.26	2.16	2.08	1.94	2.02	2.16	2.21	2.28	2.56			
155	3.40	3.34	2.99	2.81	2.84	2.69	2.53	2.59	2.46	2.43	2.29	2.44	2.57	2.61	2.68	3.01			
160	3.47	3.41	3.08	2.93	2.90	2.77	2.68	2.65	2.55	2.55	2.52	2.67	2.76	2.81	2.83	3.18			
165	3.25	3.19	2.93	2.83	2.74	2.70	2.66	2.60	2.49	2.55	2.70	2.71	2.76	2.80	2.79	3.09			
170	2.82	2.75	2.75	2.65	2.60	2.62	2.57	2.46	2.41	2.45	2.64	2.77	2.73	2.73	2.83	2.78			
175	2.65	2.69	2.62	2.43	2.37	2.42	2.49	2.32	2.24	2.26	2.51	2.62	2.54	2.50	2.66	2.68			
180	2.44	2.45	2.60	2.50	2.41	2.41	2.64	2.51	2.45	2.44	2.60	2.50	2.41	2.41	2.64	2.51			

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: