

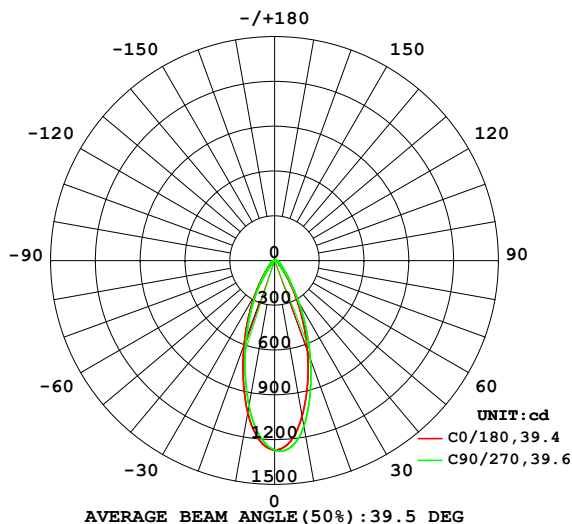
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

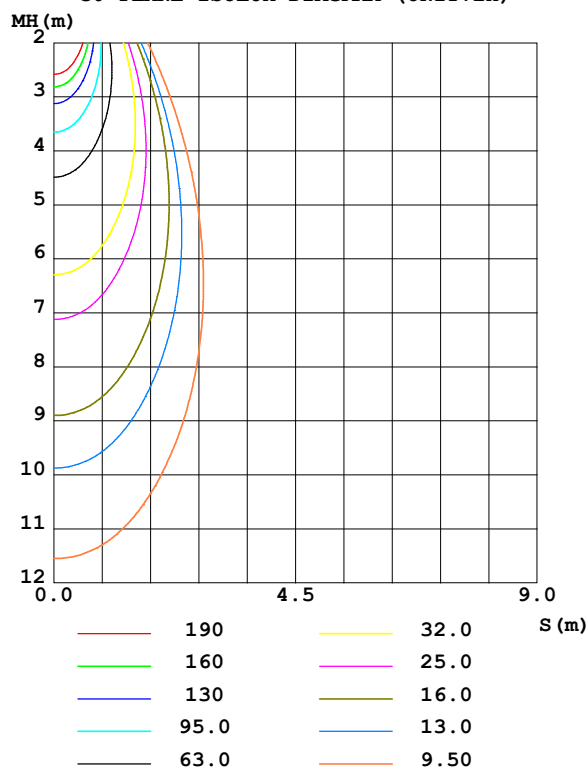
Test:U:120.27V I:0.0643A P:7.4149W PF:0.9582 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:763.958x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.03 lm/W			
MORENO-LED-AURA-3-S8W-5CCT-WH		Imax (cd)	1277	S/MH(C0/180)	0.62
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	763.96	η UP,DN(C0-180)	0.4,53.3
NOMINAL FLUX(lm)	763.958	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,46.0
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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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	1060	1108	1129	1095	1038	993.9	991.1	1013	0- 10	110.6	110.6	14.5,14.5
20	644.5	691.4	701.7	659.6	600.7	563.8	559.8	592.8	10- 20	231.6	342.2	44.8,44.8
30	292.3	325.8	329.4	298.5	264.9	243.7	241.7	258.3	20- 30	200.0	542.2	71,71
40	101.8	112.8	115.6	100.4	93.04	81.39	80.74	82.98	30- 40	107.6	649.8	85.1,85.1
50	41.31	43.81	46.48	42.50	41.45	39.72	39.52	38.86	40- 50	47.28	697.0	91.2,91.2
60	25.17	26.26	27.95	26.36	25.74	24.84	25.22	24.46	50- 60	29.21	726.2	95.1,95.1
70	14.35	15.03	16.23	15.56	15.36	14.67	14.86	14.18	60- 70	20.06	746.3	97.7,97.7
80	4.295	3.392	5.218	4.779	4.547	5.844	4.789	5.379	70- 80	10.45	756.8	99.1,99.1
90	0.1305	0.2986	0.2676	0.1527	0.1063	0.0863	0.1006	0.1095	80- 90	1.599	758.4	99.3,99.3
100	0.1286	0.1213	0.1409	0.1240	0.1172	0.1114	0.1210	0.1248	90-100	0.1289	758.5	99.3,99.3
110	0.2162	0.2065	0.2107	0.1979	0.1912	0.1944	0.2221	0.2084	100-110	0.1708	758.7	99.3,99.3
120	0.3493	0.3272	0.3360	0.3184	0.3108	0.3421	0.3791	0.3371	110-120	0.2608	758.9	99.3,99.3
130	0.6945	0.6250	0.6384	0.6301	0.6424	0.7195	0.7818	0.6812	120-130	0.4249	759.3	99.4,99.4
140	1.516	1.357	1.350	1.352	1.430	1.581	1.691	1.525	130-140	0.7866	760.1	99.5,99.5
150	2.933	2.507	2.428	2.320	2.573	2.631	2.938	2.710	140-150	1.274	761.4	99.7,99.7
160	3.802	3.205	3.004	2.911	2.996	3.085	3.361	3.286	150-160	1.389	762.8	99.8,99.8
170	3.180	3.104	2.926	2.873	2.749	2.963	3.089	3.187	160-170	0.8924	763.7	100,100
180	2.756	2.966	2.740	2.953	2.757	2.963	2.740	2.949	170-180	0.2757	764.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

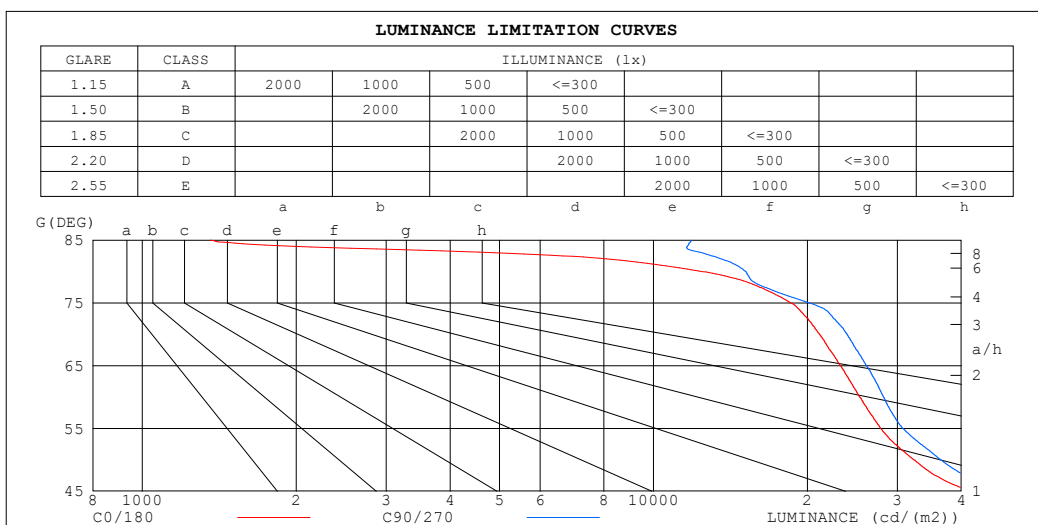
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 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

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:120.27V I:0.0643A P:7.4149W PF:0.9582 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:763.958x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1405	12086
80	12804	15332
75	18789	20463
70	21262	24084
65	23336	26235
60	25466	28316
55	27956	30907
50	32522	36651
45	42072	48675

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

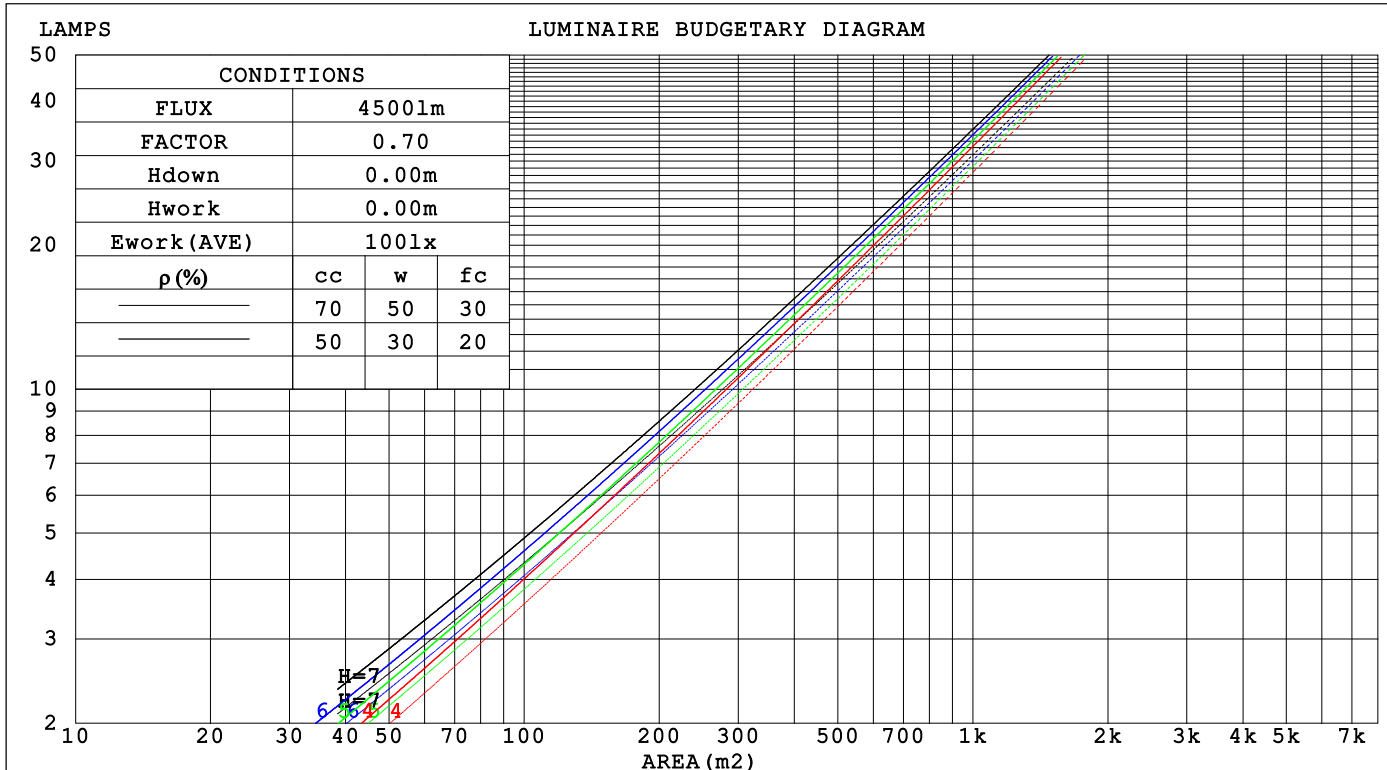
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 Humidity: 65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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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 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	.91	.87	.83	.88	.85	.82	.86	.83	.80	.79
4.0	.89	.83	.78	.87	.82	.78	.85	.81	.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	.68	.76	.71	.67	.74	.70	.66	.73	.69	.66	.64
7.0	.74	.68	.64	.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	.57	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
10.0	.63	.57	.54	.63	.57	.54	.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:120.27V I:0.0643A P:7.4149W PF:0.9582 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:763.958x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	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	.190	.108	.034	.183	.105	.033	.170	.098	.031	.158	.091	.029	.147	.085	.027		
2.0	.181	.099	.030	.175	.096	.030	.164	.091	.028	.154	.086	.027	.144	.082	.026		
3.0	.170	.091	.027	.165	.089	.027	.156	.084	.026	.147	.081	.025	.139	.077	.024		
4.0	.161	.083	.025	.156	.082	.024	.148	.078	.023	.140	.075	.023	.133	.072	.022		
5.0	.151	.077	.022	.148	.076	.022	.140	.073	.022	.134	.071	.021	.128	.068	.020		
6.0	.143	.072	.021	.140	.071	.020	.134	.068	.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	.117	.056	.016	.115	.056	.016	.111	.055	.015	.107	.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	.091	.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:120.27V I:0.0643A P:7.4149W PF:0.9582 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:763.958x1 lm											
NAME: RENO-LED-AURA-3-S8W-5CCT-WH						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	2H	21.7	22.7	21.9	22.8	23.0	22.2	23.1	22.4	23.3	23.5
	3H	22.3	23.2	22.6	23.4	23.7	22.8	23.7	23.1	23.9	24.1
	4H	22.6	23.4	22.9	23.7	23.9	23.1	23.9	23.4	24.1	24.4
	6H	22.7	23.5	23.0	23.8	24.0	23.2	24.0	23.5	24.2	24.5
	8H	22.7	23.5	23.0	23.7	24.0	23.2	23.9	23.5	24.2	24.5
	12H	22.7	23.4	23.0	23.7	24.0	23.2	23.9	23.5	24.2	24.5
4H	2H	21.9	22.8	22.2	23.0	23.2	22.3	23.2	22.6	23.4	23.6
	3H	22.7	23.5	23.1	23.8	24.1	23.2	23.9	23.5	24.2	24.5
	4H	23.1	23.8	23.5	24.1	24.4	23.5	24.1	23.8	24.5	24.8
	6H	23.3	23.9	23.7	24.2	24.6	23.6	24.2	24.0	24.6	24.9
	8H	23.3	23.9	23.7	24.2	24.6	23.7	24.2	24.1	24.6	25.0
	12H	23.3	23.8	23.7	24.1	24.6	23.7	24.2	24.1	24.6	25.0
8H	4H	23.2	23.7	23.6	24.1	24.5	23.5	24.1	23.9	24.4	24.8
	6H	23.4	23.9	23.9	24.3	24.7	23.7	24.1	24.1	24.6	25.0
	8H	23.4	23.8	23.9	24.3	24.7	23.8	24.2	24.2	24.6	25.1
	12H	23.4	23.7	23.9	24.2	24.7	23.8	24.2	24.3	24.6	25.1
12H	4H	23.1	23.6	23.6	24.0	24.4	23.5	24.0	23.9	24.4	24.8
	6H	23.4	23.8	23.9	24.2	24.7	23.7	24.1	24.1	24.5	24.9
	8H	23.4	23.7	23.9	24.2	24.7	23.7	24.1	24.2	24.5	25.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.9 / - 1.1					+ 1.0 / - 1.1				
1.5H		+ 1.6 / - 1.0					+ 1.9 / - 0.9				
2.0H		+ 0.9 / - 0.7					+ 1.2 / - 0.6				

CIE Pub.117, 764.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.9)
 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:120.27V I:0.0643A P:7.4149W PF:0.9582 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:763.958x1 lm		
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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) $k(RI) \times RCR = 5$									
$k = 0.60$	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		

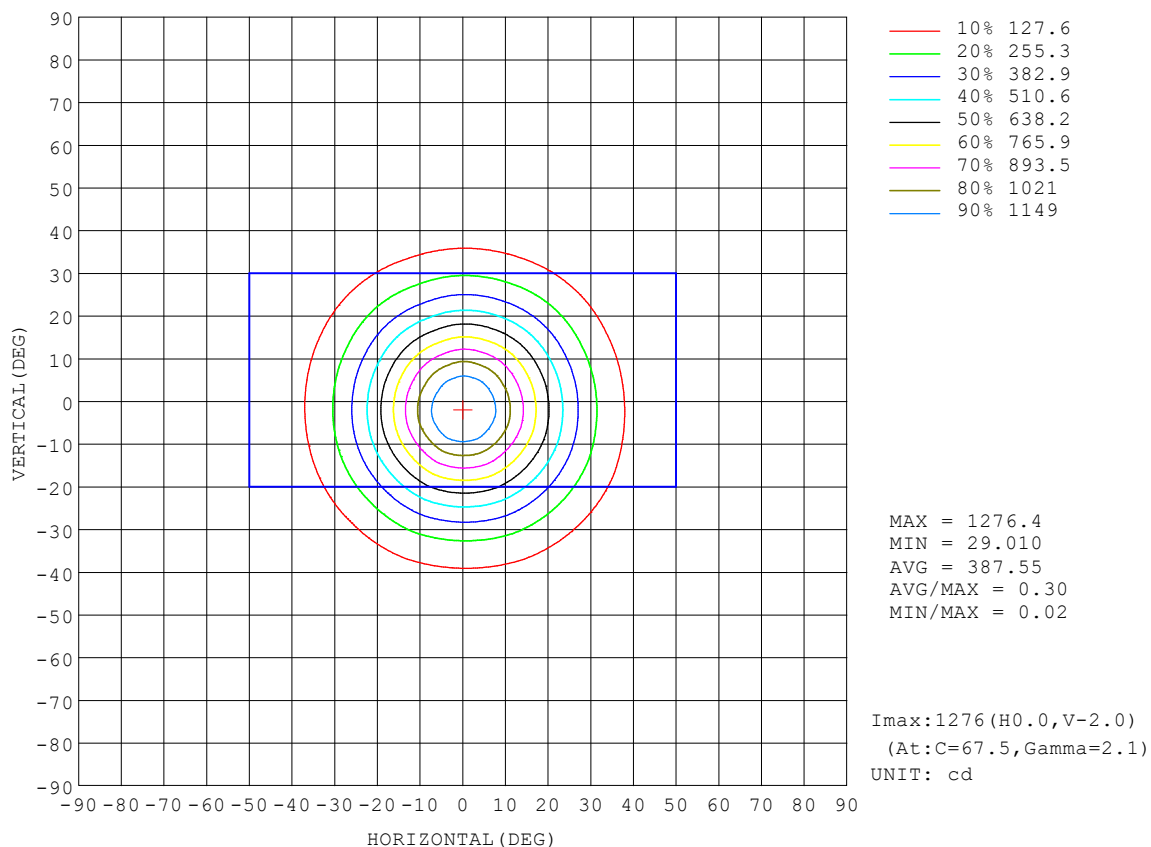
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 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
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γ Range: 0 - 180DEG
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 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

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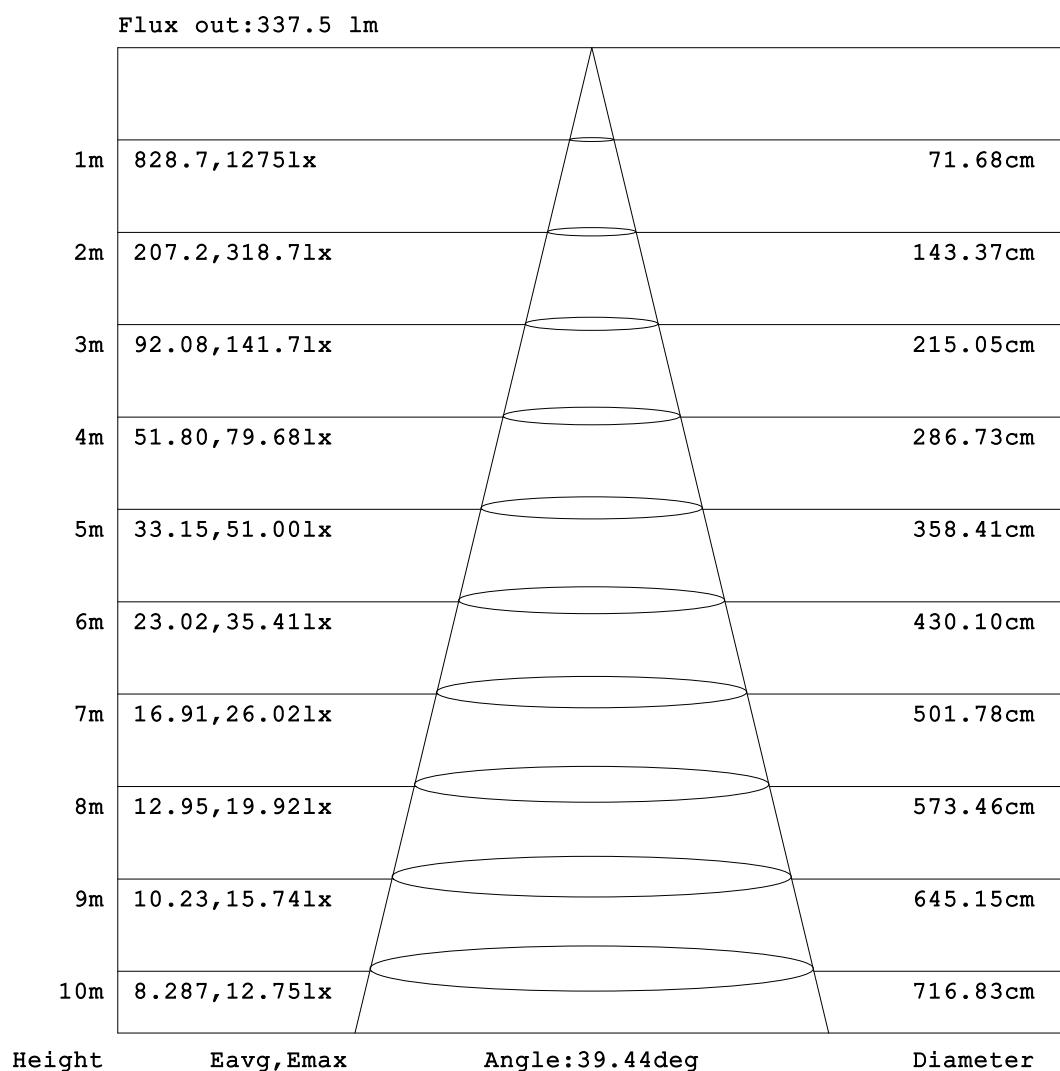


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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT
AAI Figure

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NAME: RENO-LED-AURA-3-S8W-5CCT-WH	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.

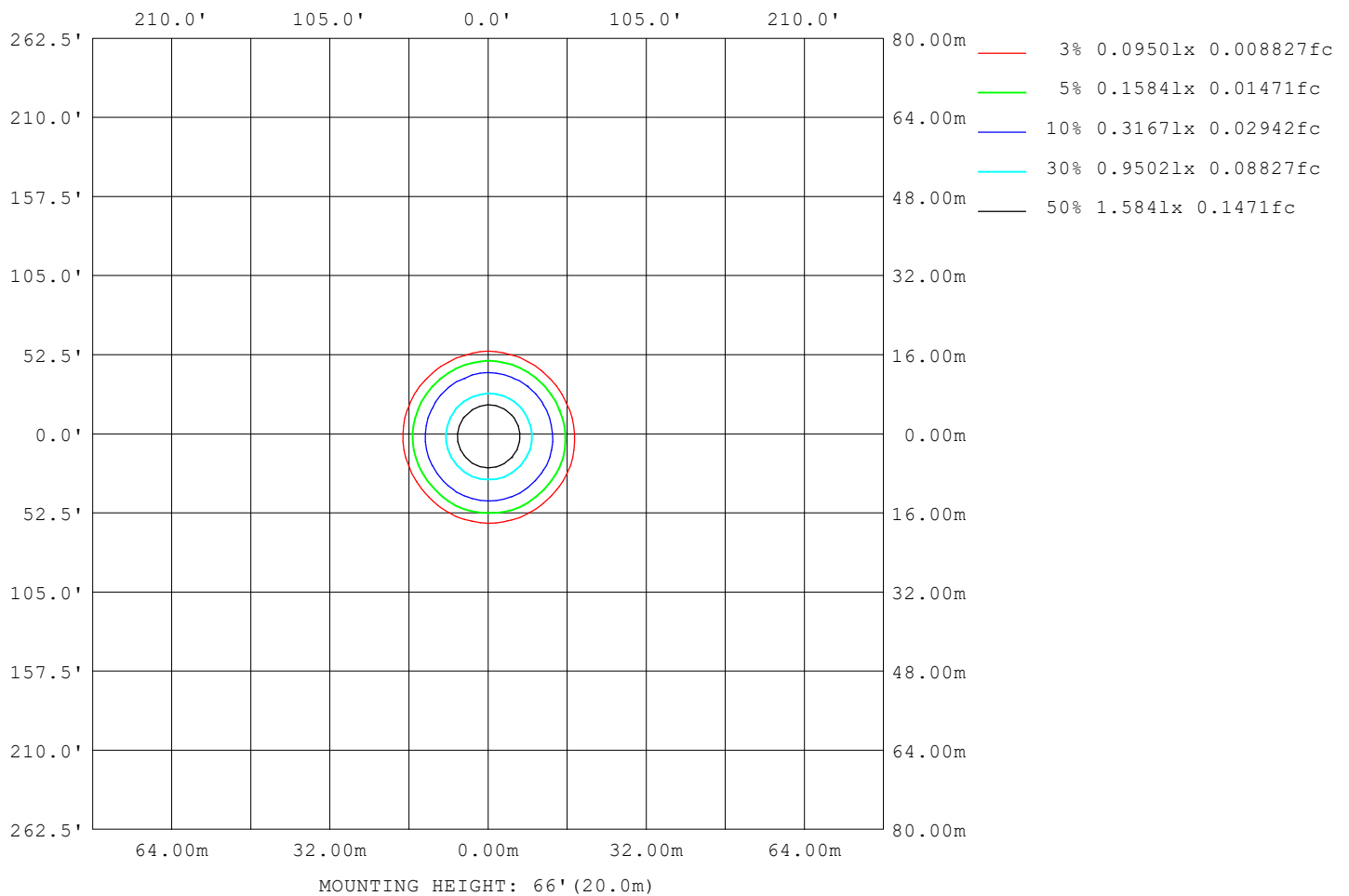
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

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:120.27V I:0.0643A P:7.4149W PF:0.9582 Freq:59.98Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 763.958x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	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:120.27V I:0.0643A P:7.4149W PF:0.9582 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:763.958x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

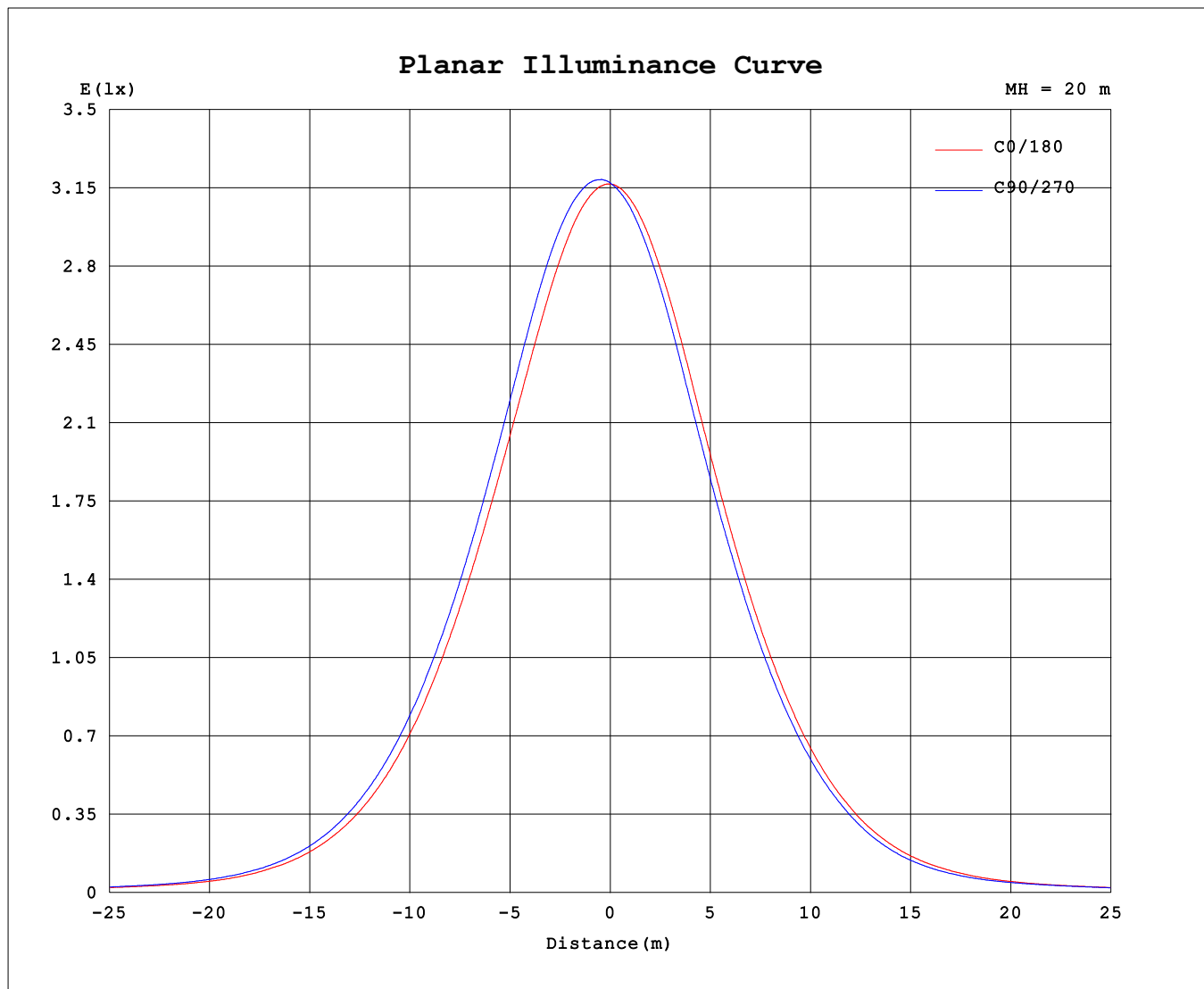
AvgL	cd/m2
L_0~180 (65) av	23658
L_0~180 (75) av	19069
L_0~180 (85) av	1099
L_90~270 (65) av	24843
L_90~270 (75) av	19949
L_90~270 (85) av	9635
L_45 (65) av	23826
L_45 (75) av	19410
L_45 (85) av	3732

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:120.27V I:0.0643A P:7.4149W PF:0.9582 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:763.958x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-WH	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	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268			
5	1219	1236	1245	1256	1256	1255	1238	1225	1207	1189	1183	1176	1179	1181	1191	1201			
10	1064	1095	1112	1133	1132	1130	1099	1073	1041	1011	998	987	996	998	1017	1033			
15	860	893	909	930	926	920	882	854	820	791	777	762	773	782	804	825			
20	649	680	695	712	706	700	664	636	605	578	568	554	564	574	597	617			
25	455	484	497	511	504	498	467	443	417	395	387	376	385	392	411	428			
30	295	318	329	340	332	327	301	286	267	251	246	237	244	247	261	272			
35	178	196	201	208	202	198	179	170	160	149	143	137	142	143	151	160			
40	103	113	114	119	117	113	101	97.2	94.0	88.4	82.2	79.2	81.6	81.5	83.9	90.2			
45	59.1	63.4	64.8	68.0	68.3	66.6	60.3	58.9	57.7	55.7	53.2	50.8	52.4	52.5	52.2	54.0			
50	41.5	43.2	44.1	45.3	46.7	46.5	42.8	42.2	41.7	40.9	39.9	38.4	39.7	39.9	39.1	39.6			
55	31.9	32.8	33.0	34.1	35.2	35.3	32.9	32.6	32.1	31.7	31.0	30.3	31.2	31.2	30.5	30.7			
60	25.3	26.3	26.4	27.1	28.1	28.2	26.5	26.1	25.9	25.4	25.0	24.6	25.3	25.2	24.6	24.5			
65	19.6	20.3	20.6	21.3	22.0	22.1	21.0	20.6	20.3	20.1	19.5	19.4	19.9	19.9	19.2	19.1			
70	14.4	15.0	15.1	15.8	16.3	16.4	15.7	15.4	15.4	15.6	14.8	14.6	15.0	14.8	14.3	14.0			
75	9.66	10.1	9.62	8.96	10.5	10.9	10.7	10.6	10.2	10.7	10.2	9.95	10.2	9.95	9.68	9.38			
80	4.42	4.63	3.49	3.53	5.28	3.23	4.90	5.51	4.66	5.22	5.93	5.74	4.88	4.71	5.46	4.78			
85	0.24	0.36	0.65	2.29	2.09	0.45	0.33	0.82	0.15	0.52	1.03	1.99	1.31	0.85	0.75	0.67			
90	0.13	0.17	0.30	0.38	0.27	0.28	0.15	0.10	0.11	0.09	0.09	0.10	0.10	0.11	0.11	0.11			
95	0.10	0.10	0.10	0.17	0.15	0.18	0.10	0.09	0.09	0.09	0.08	0.08	0.09	0.08	0.09	0.10			
100	0.13	0.14	0.12	0.12	0.14	0.13	0.12	0.12	0.12	0.12	0.11	0.12	0.12	0.12	0.12	0.12			
105	0.17	0.17	0.18	0.16	0.16	0.16	0.15	0.16	0.15	0.15	0.15	0.16	0.17	0.16	0.16	0.16			
110	0.22	0.22	0.21	0.20	0.21	0.20	0.20	0.20	0.19	0.19	0.19	0.20	0.22	0.22	0.21	0.20			
115	0.27	0.26	0.25	0.25	0.27	0.26	0.25	0.25	0.24	0.25	0.25	0.27	0.29	0.28	0.26	0.25			
120	0.35	0.33	0.33	0.32	0.34	0.33	0.32	0.32	0.31	0.33	0.34	0.35	0.38	0.36	0.34	0.32			
125	0.47	0.45	0.43	0.43	0.44	0.44	0.43	0.44	0.43	0.46	0.48	0.51	0.53	0.50	0.46	0.45			
130	0.69	0.64	0.62	0.61	0.63	0.62	0.63	0.64	0.64	0.69	0.71	0.75	0.78	0.74	0.67	0.64			
135	1.02	0.95	0.91	0.89	0.92	0.91	0.93	0.96	0.96	1.04	1.08	1.12	1.15	1.10	1.02	0.96			
140	1.51	1.41	1.35	1.29	1.34	1.32	1.34	1.42	1.42	1.54	1.57	1.63	1.68	1.61	1.51	1.44			
145	2.16	2.02	1.91	1.81	1.86	1.82	1.82	1.98	2.02	2.16	2.13	2.22	2.32	2.23	2.11	2.07			
150	2.92	2.74	2.50	2.34	2.42	2.33	2.31	2.50	2.57	2.69	2.62	2.78	2.93	2.82	2.70	2.79			
155	3.61	3.36	2.97	2.78	2.81	2.73	2.69	2.91	2.93	3.05	2.96	3.19	3.28	3.22	3.15	3.34			
160	3.80	3.58	3.21	3.03	3.00	2.91	2.91	3.03	3.00	3.09	3.08	3.31	3.36	3.37	3.28	3.56			
165	3.64	3.50	3.19	3.07	2.96	2.93	2.94	2.94	2.88	2.95	3.15	3.17	3.22	3.25	3.18	3.45			
170	3.19	3.11	3.11	2.98	2.93	2.94	2.88	2.79	2.75	2.78	2.97	3.11	3.09	3.10	3.19	3.11			
175	2.99	3.06	2.99	2.79	2.75	2.75	2.80	2.63	2.50	2.53	2.80	2.93	2.83	2.81	2.97	3.01			
180	2.76	2.76	2.97	2.83	2.74	2.75	2.95	2.83	2.75	2.75	2.96	2.84	2.74	2.75	2.95	2.84			

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