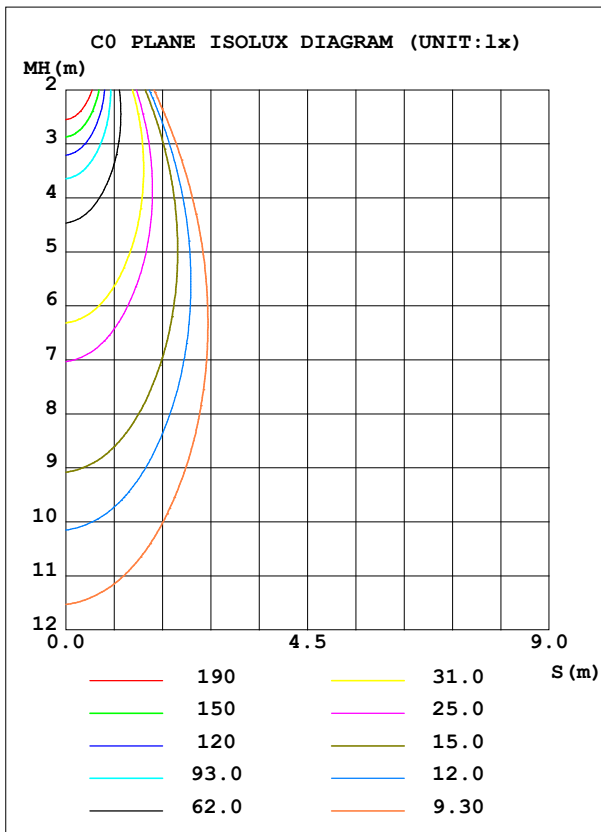
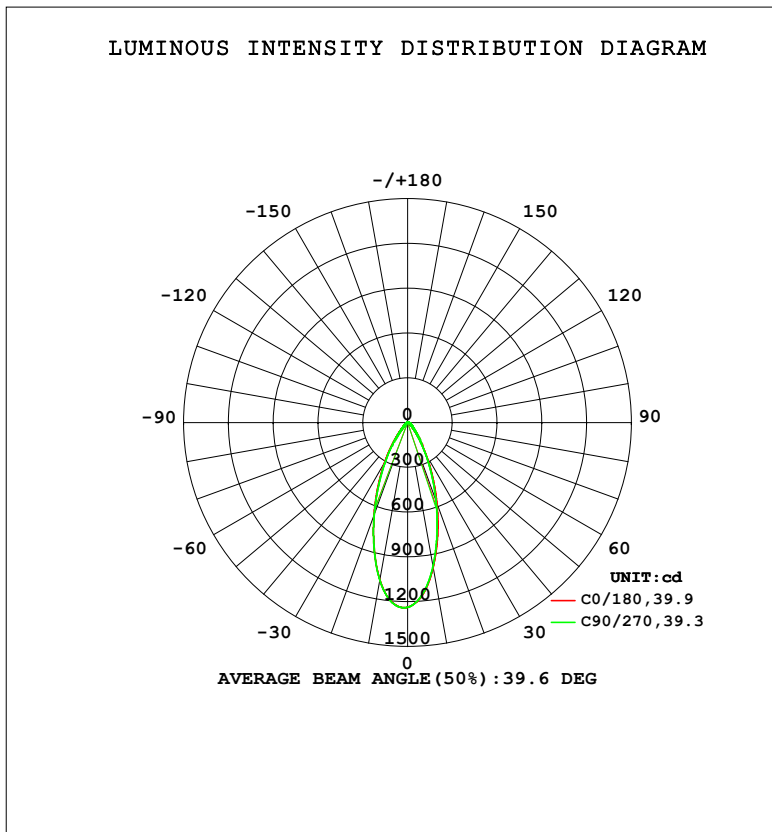


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.26V I:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.27 lm/W			
MORENO-LED-AURA-3-S8W-5CCT-BK		I _{max} (cd)	1243	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)	726.06	η UP,DN(C0-180)	0.4,47.0
NOMINAL FLUX(lm)	726.064	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	987.7	966.0	980.5	1028	1072	1089	1073	1037	0- 10	107.9	107.9	14.9,14.9
20	576.2	550.6	558.6	610.3	660.8	675.5	656.1	625.5	10- 20	226.6	334.6	46.1,46.1
30	246.4	229.2	238.8	276.6	310.2	316.7	295.1	274.6	20- 30	195.1	529.7	73,73
40	73.06	72.61	76.76	90.07	102.8	111.3	93.91	81.83	30- 40	102.2	631.9	87,87
50	28.91	30.48	32.65	33.87	35.50	38.79	34.61	31.71	40- 50	40.37	672.3	92.6,92.6
60	18.01	18.82	19.93	19.55	20.17	21.65	20.91	19.37	50- 60	22.62	694.9	95.7,95.7
70	9.528	11.44	11.60	11.42	12.14	14.29	13.08	10.83	60- 70	15.52	710.4	97.8,97.8
80	3.346	2.782	4.095	4.250	4.719	6.846	5.286	4.159	70- 80	8.492	718.9	99,99
90	0.1007	0.2569	0.5821	0.1372	0.1029	0.0849	0.1632	0.0993	80- 90	1.818	720.7	99.3,99.3
100	0.1126	0.1146	0.1293	0.1004	0.1022	0.0894	0.0978	0.1224	90-100	0.1143	720.9	99.3,99.3
110	0.1855	0.1961	0.1914	0.1609	0.1462	0.1460	0.1693	0.1641	100-110	0.1429	721.0	99.3,99.3
120	0.3237	0.3419	0.3200	0.2714	0.2351	0.2439	0.2717	0.2743	110-120	0.2157	721.2	99.3,99.3
130	0.7440	0.7538	0.7052	0.6135	0.5017	0.4992	0.5570	0.5998	120-130	0.3752	721.6	99.4,99.4
140	1.681	1.665	1.584	1.395	1.205	1.159	1.276	1.399	130-140	0.7437	722.3	99.5,99.5
150	3.134	2.902	2.764	2.390	2.281	2.116	2.415	2.528	140-150	1.237	723.6	99.7,99.7
160	3.845	3.387	3.161	2.915	2.762	2.749	3.035	3.138	150-160	1.354	724.9	99.8,99.8
170	3.087	3.014	2.837	2.795	2.657	2.882	2.988	3.105	160-170	0.8678	725.8	100,100
180	2.710	2.872	2.628	2.887	2.712	2.870	2.623	2.886	170-180	0.2673	726.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

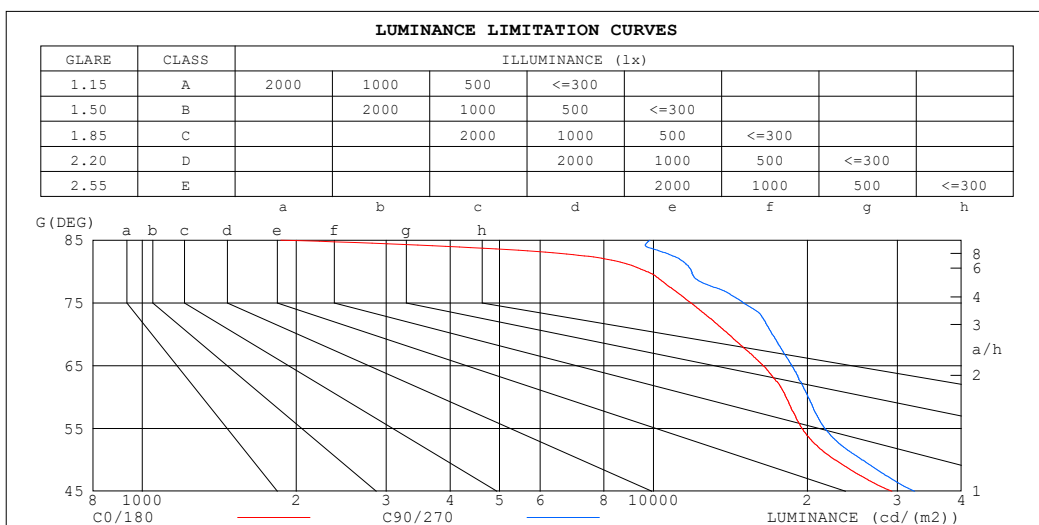
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-05-14

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:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2062	10009
80	9866	11997
75	11950	15151
70	14142	17184
65	16494	18734
60	18240	20162
55	19601	21735
50	22797	25752
45	29504	32693

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

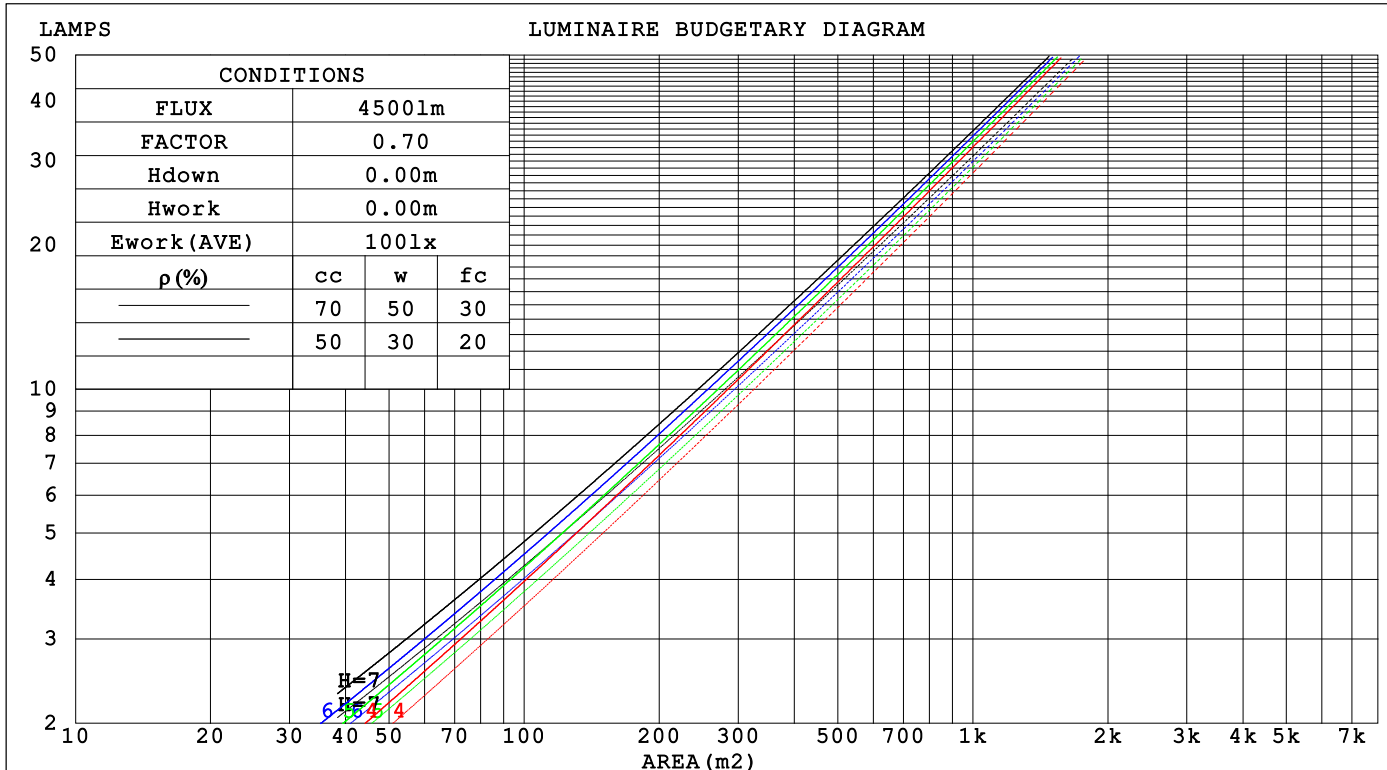
γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.26V I:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	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	1.08	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	.94	.97	.94	.91	.94	.91	.89	.91	.89	.87	.86
3.0	.95	.90	.86	.94	.89	.86	.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	.68	.74	.70	.67	.66
7.0	.75	.69	.65	.74	.68	.65	.73	.68	.64	.71	.67	.64	.70	.66	.63	.62
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.60	.67	.63	.60	.59
9.0	.67	.62	.58	.67	.61	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.56
10.0	.64	.59	.55	.64	.58	.55	.63	.58	.55	.62	.57	.54	.61	.57	.54	.53



EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Test:U:120.26V I:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	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	.186	.106	.034	.179	.102	.032	.166	.095	.030	.154	.089	.029	.143	.083	.027		
2.0	.176	.097	.030	.171	.094	.029	.160	.089	.028	.149	.084	.026	.140	.079	.025		
3.0	.166	.088	.027	.161	.086	.026	.152	.082	.025	.143	.078	.024	.135	.075	.023		
4.0	.157	.081	.024	.152	.080	.024	.144	.076	.023	.137	.073	.022	.130	.070	.021		
5.0	.148	.075	.022	.144	.074	.022	.137	.071	.021	.131	.069	.020	.124	.066	.020		
6.0	.140	.070	.020	.137	.069	.020	.131	.067	.019	.125	.065	.019	.119	.063	.019		
7.0	.133	.066	.019	.130	.065	.018	.125	.063	.018	.119	.061	.018	.115	.060	.017		
8.0	.127	.062	.017	.124	.061	.017	.119	.060	.017	.114	.058	.017	.110	.057	.016		
9.0	.121	.058	.016	.119	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016		
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.052	.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	.082	.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	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.015	.012	.008	.005		
9.0	.105	.065	.037	.091	.056	.033	.063	.039	.023	.037	.023	.014	.012	.008	.005		
10.0	.100	.060	.033	.086	.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:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz										
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm										
NAME: RENO-LED-AURA-3-S8W-5CCT-BK						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	19.5	20.4	19.7	20.6	20.8	19.8	20.7	20.0	20.9	21.1
3H	20.1	20.9	20.3	21.1	21.4	20.5	21.4	20.8	21.6	21.8
4H	20.3	21.1	20.6	21.3	21.6	20.8	21.7	21.1	21.9	22.1
6H	20.4	21.2	20.7	21.4	21.7	21.0	21.8	21.3	22.0	22.3
8H	20.4	21.2	20.7	21.4	21.7	21.0	21.8	21.3	22.0	22.3
12H	20.4	21.1	20.7	21.4	21.7	21.0	21.7	21.4	22.0	22.3
4H 2H	19.7	20.5	20.0	20.8	21.0	20.0	20.8	20.3	21.0	21.3
3H	20.5	21.2	20.8	21.5	21.8	21.0	21.7	21.3	22.0	22.2
4H	20.8	21.5	21.2	21.8	22.1	21.3	22.0	21.7	22.3	22.6
6H	21.0	21.6	21.4	21.9	22.3	21.5	22.1	21.9	22.5	22.8
8H	21.0	21.6	21.5	21.9	22.3	21.6	22.1	22.0	22.5	22.9
12H	21.0	21.5	21.4	21.9	22.3	21.7	22.1	22.1	22.5	22.9
8H 4H	20.9	21.5	21.3	21.8	22.2	21.4	21.9	21.8	22.3	22.7
6H	21.2	21.6	21.6	22.0	22.5	21.7	22.1	22.1	22.5	22.9
8H	21.3	21.6	21.7	22.1	22.5	21.8	22.2	22.2	22.6	23.0
12H	21.2	21.6	21.7	22.0	22.5	21.9	22.2	22.4	22.7	23.2
12H 4H	20.9	21.4	21.3	21.8	22.2	21.4	21.9	21.8	22.3	22.7
6H	21.2	21.6	21.6	22.0	22.4	21.6	22.0	22.1	22.4	22.9
8H	21.2	21.6	21.7	22.0	22.5	21.8	22.1	22.2	22.5	23.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.0 / - 1.1					+ 0.8 / - 0.9				
1.5H	+ 2.0 / - 0.9					+ 1.7 / - 0.7				
2.0H	+ 0.8 / - 0.5					+ 0.9 / - 0.5				

CIE Pub.117, 726.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.1)
 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:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	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) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	72	83	76	72	82	76	72	68
0.80	91	85	81	91	84	80	89	84	80	76
1.00	96	90	86	95	89	85	93	89	85	81
1.25	100	95	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	100	96	93	88
2.00	107	102	98	105	101	98	102	99	96	90
2.50	109	104	101	107	103	100	104	100	98	92
3.00	110	107	103	108	105	102	105	102	100	93
4.00	113	110	107	111	108	106	107	105	103	95
5.00	114	111	109	112	110	108	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

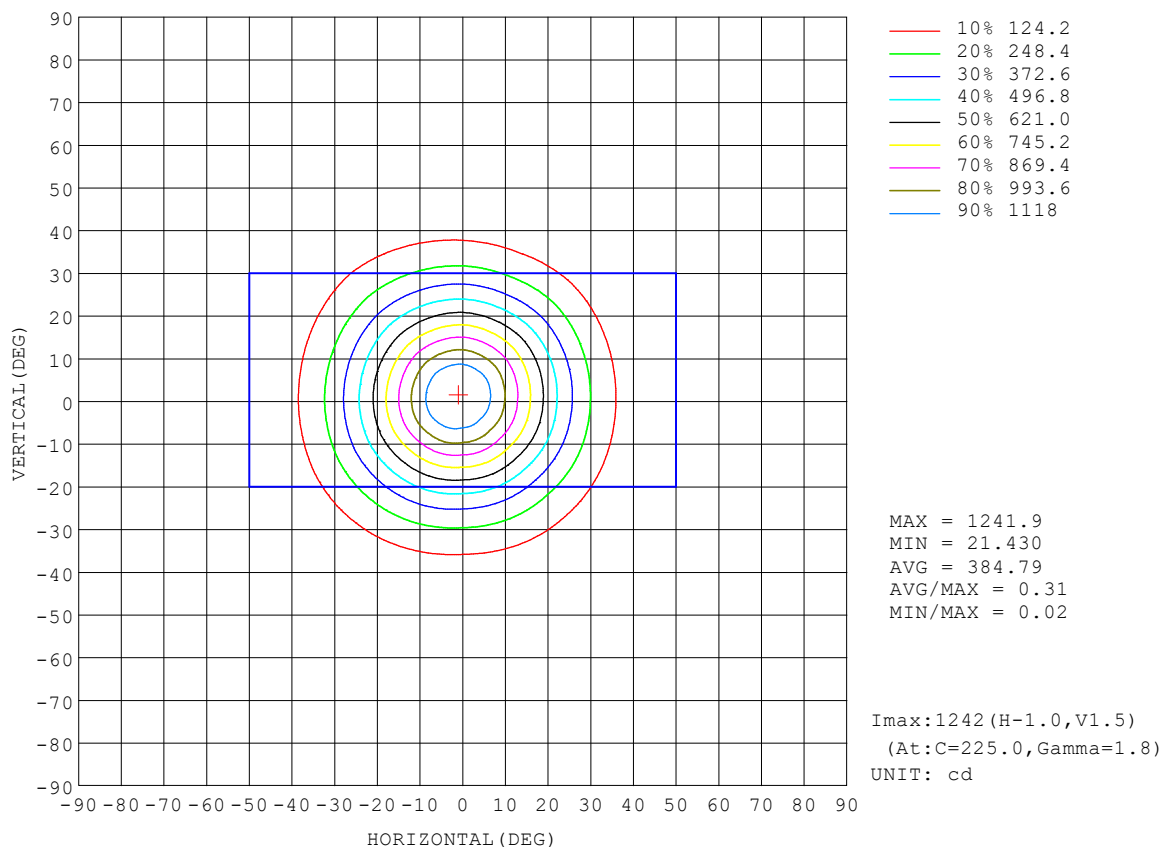
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
 Test Date: 2026-05-14

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:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

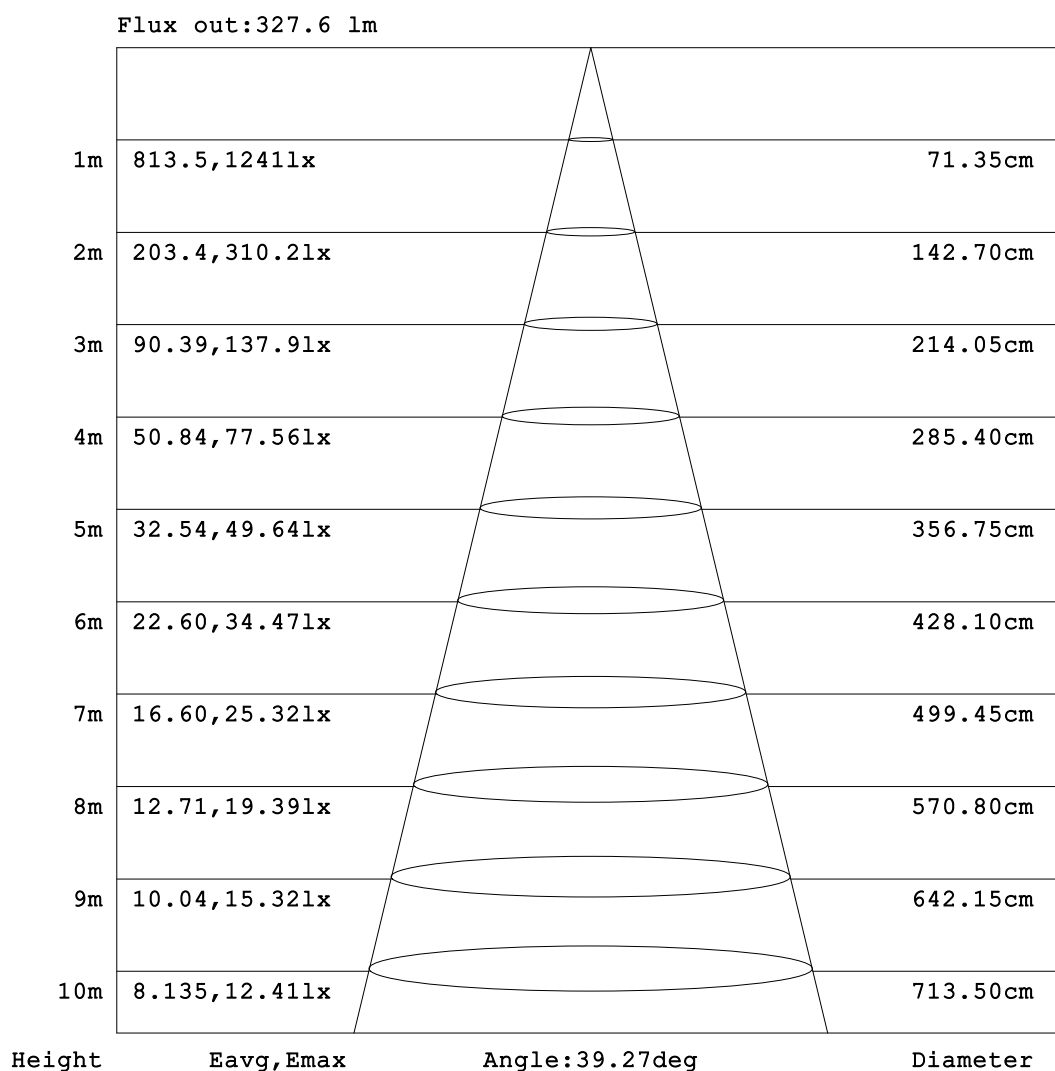


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-05-14

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:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	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.

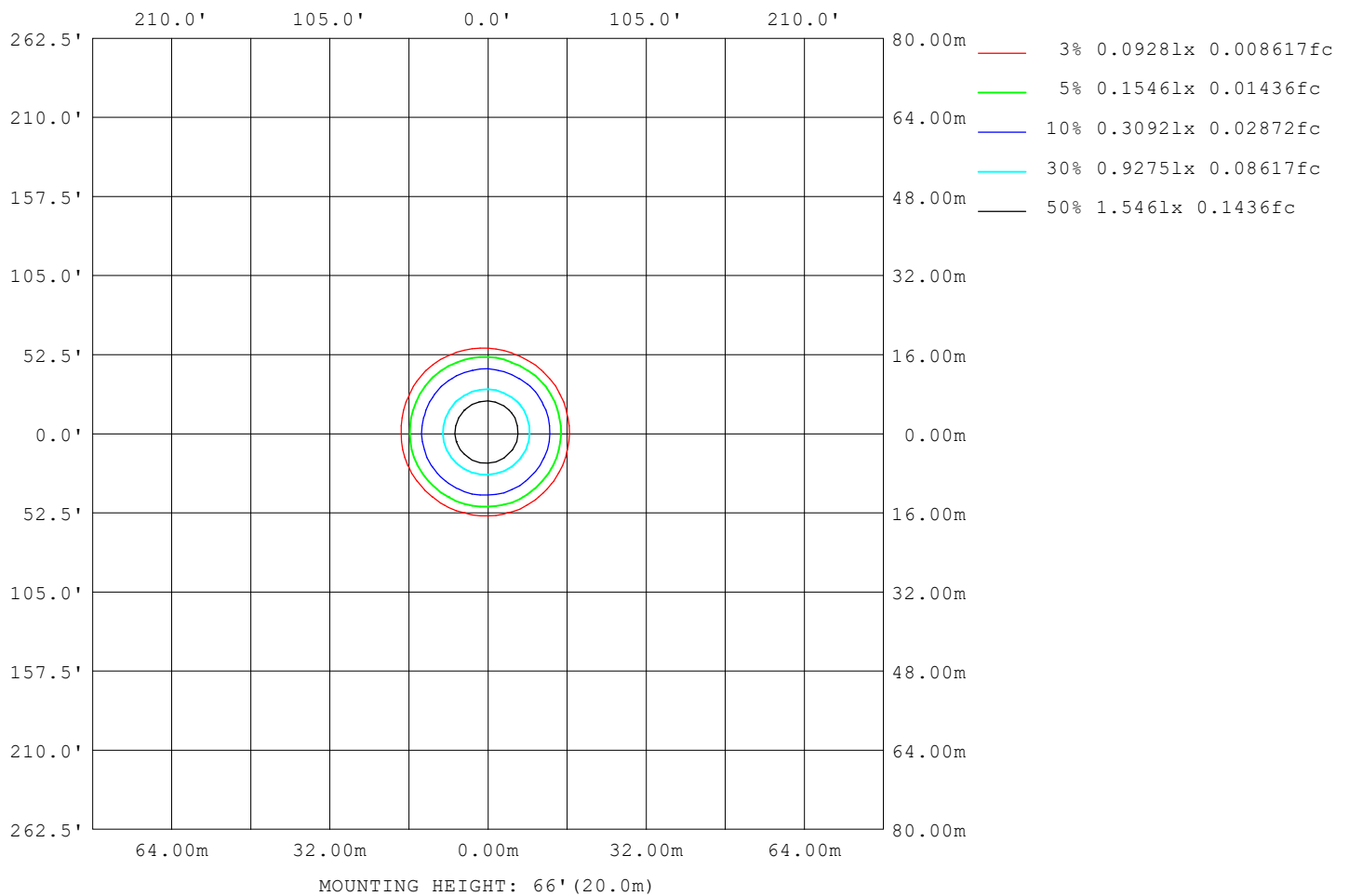
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 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:120.26V I:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	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:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.: RENO	SUR.:	Shielding Angle:

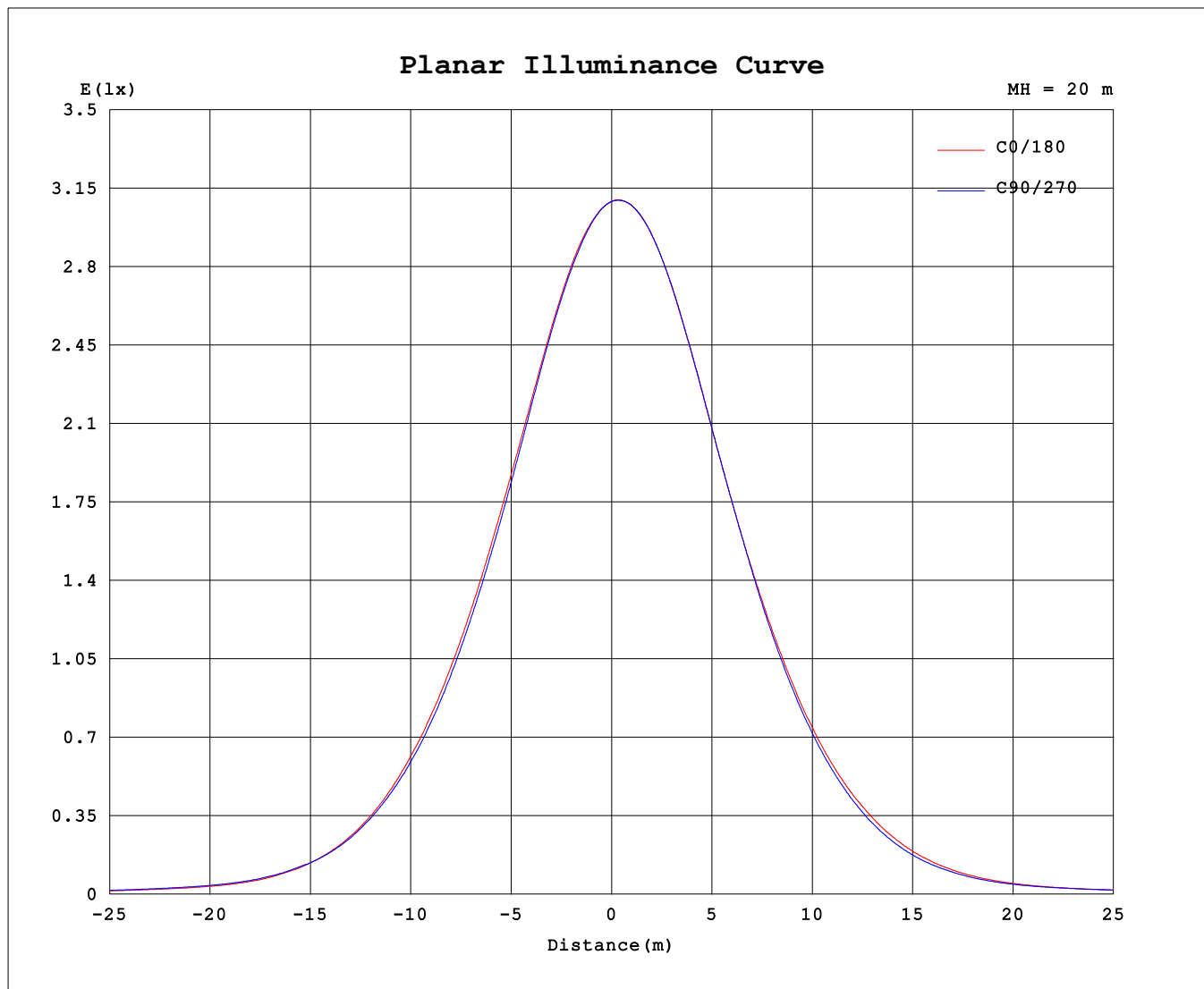
AvgL	cd/m2
L_0~180 (65) av	17753
L_0~180 (75) av	14318
L_0~180 (85) av	3641
L_90~270 (65) av	19586
L_90~270 (75) av	16696
L_90~270 (85) av	9766
L_45 (65) av	18819
L_45 (75) av	16151
L_45 (85) av	7021

Standard: GB/T 29293-2012

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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%
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 Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.26V I:0.0634A P:7.3141W PF:0.9587 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:726.064x1 lm		
NAME: RENO-LED-AURA-3-S8W-5CCT-BK	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	1237	1237	1237	1237	1237	1237	1237	1237	1237	1237	1237	1237	1237	1237	1237	1237			
5	1161	1154	1147	1152	1156	1173	1184	1201	1210	1215	1220	1215	1211	1197	1187	1172			
10	992	983	970	978	984	1012	1032	1060	1075	1083	1092	1082	1077	1057	1041	1012			
15	785	774	758	764	768	796	820	855	873	881	894	882	875	854	838	806			
20	580	569	554	558	562	589	614	649	665	671	680	666	660	640	629	601			
25	398	387	374	377	382	407	431	460	474	479	485	469	461	442	436	415			
30	249	243	232	237	241	260	279	303	313	316	320	307	298	280	277	260			
35	141	137	133	137	139	151	164	181	189	191	196	184	174	159	159	148			
40	74.2	72.7	73.5	76.3	77.7	83.1	91.3	99.1	104	107	113	104	95.1	85.9	82.9	76.5			
45	41.4	42.2	43.1	45.6	45.9	47.3	50.3	54.3	56.2	59.2	63.0	57.9	52.0	46.2	45.3	42.4			
50	29.1	29.8	30.7	32.4	32.9	33.0	34.1	35.4	35.7	37.3	39.1	38.2	34.8	31.7	31.9	29.8			
55	22.3	22.8	23.5	24.4	24.8	24.4	25.0	25.8	26.2	27.2	28.0	27.3	25.6	23.8	23.9	22.6			
60	18.1	18.1	18.9	19.7	20.0	19.2	19.6	20.1	20.3	21.1	21.8	21.6	21.0	19.6	19.5	18.4			
65	13.8	14.2	15.3	15.7	15.7	15.1	15.4	15.9	16.1	16.9	17.5	17.6	17.3	15.9	15.2	14.3			
70	9.60	10.2	11.5	12.2	11.7	11.3	11.5	11.9	12.2	13.2	14.4	14.3	13.2	11.7	10.9	9.92			
75	6.14	6.65	7.46	7.08	7.79	7.80	8.06	8.40	8.69	9.67	10.7	10.6	9.51	7.97	7.25	6.34			
80	3.40	3.59	2.86	3.05	4.14	2.49	4.36	5.05	4.80	5.75	6.92	6.72	5.36	4.24	4.21	3.54			
85	0.36	0.65	0.60	2.18	1.73	0.38	0.39	1.50	1.00	1.61	2.51	3.14	1.73	1.25	1.54	0.89			
90	0.10	0.13	0.26	0.71	0.64	0.23	0.14	0.09	0.10	0.07	0.09	0.21	0.22	0.11	0.10	0.09			
95	0.09	0.10	0.10	0.16	0.14	0.15	0.09	0.08	0.09	0.07	0.07	0.07	0.07	0.07	0.09	0.09			
100	0.11	0.12	0.11	0.12	0.13	0.12	0.10	0.09	0.10	0.09	0.09	0.10	0.10	0.09	0.12	0.10			
105	0.14	0.16	0.16	0.15	0.15	0.13	0.13	0.12	0.12	0.12	0.12	0.13	0.13	0.12	0.13	0.13			
110	0.19	0.19	0.20	0.19	0.19	0.17	0.16	0.15	0.15	0.15	0.14	0.16	0.17	0.16	0.16	0.16			
115	0.24	0.24	0.25	0.24	0.24	0.22	0.20	0.19	0.18	0.18	0.19	0.20	0.21	0.21	0.21	0.21			
120	0.32	0.33	0.34	0.33	0.32	0.29	0.27	0.26	0.23	0.23	0.24	0.26	0.27	0.27	0.27	0.28			
125	0.47	0.49	0.49	0.48	0.46	0.42	0.39	0.37	0.32	0.33	0.33	0.35	0.37	0.38	0.39	0.41			
130	0.74	0.74	0.75	0.72	0.70	0.64	0.61	0.58	0.49	0.49	0.50	0.52	0.55	0.57	0.59	0.63			
135	1.13	1.13	1.13	1.09	1.06	0.98	0.94	0.89	0.78	0.77	0.76	0.78	0.84	0.87	0.92	0.97			
140	1.67	1.67	1.65	1.58	1.57	1.46	1.39	1.35	1.20	1.19	1.15	1.18	1.26	1.32	1.39	1.48			
145	2.37	2.35	2.30	2.16	2.17	2.01	1.89	1.90	1.75	1.73	1.63	1.69	1.82	1.88	1.96	2.10			
150	3.12	3.09	2.89	2.71	2.75	2.55	2.38	2.40	2.27	2.22	2.11	2.23	2.41	2.45	2.52	2.81			
155	3.76	3.67	3.28	3.08	3.08	2.91	2.73	2.79	2.64	2.61	2.49	2.69	2.84	2.90	2.96	3.33			
160	3.85	3.74	3.39	3.20	3.17	3.01	2.91	2.89	2.76	2.75	2.74	2.91	3.03	3.11	3.14	3.52			
165	3.59	3.51	3.21	3.09	2.98	2.94	2.90	2.86	2.72	2.78	2.93	2.95	3.03	3.08	3.07	3.41			
170	3.09	3.01	3.02	2.89	2.84	2.85	2.80	2.69	2.66	2.68	2.88	3.01	2.99	3.00	3.10	3.05			
175	2.89	2.94	2.86	2.65	2.59	2.66	2.72	2.53	2.48	2.50	2.77	2.87	2.77	2.73	2.91	2.93			
180	2.72	2.69	2.88	2.72	2.63	2.64	2.89	2.73	2.71	2.69	2.87	2.73	2.62	2.64	2.88	2.74			

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