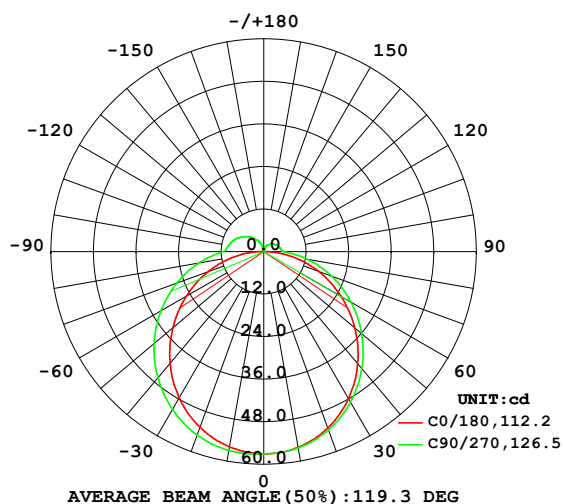


LUMINAIRE PHOTOMETRIC TEST REPORT

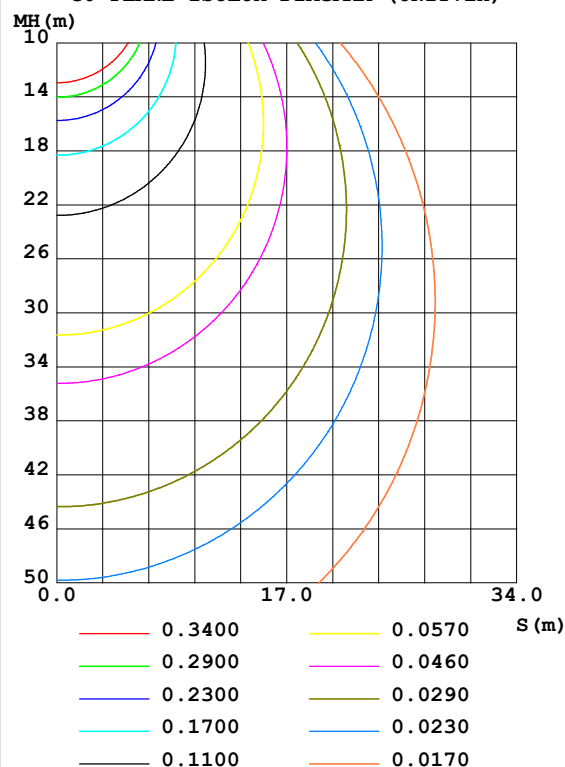
Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS	LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 15.84 lm/W			
MODEINS-S1616-RGB-SPI-11-CV		I _{max} (cd)	57.20	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	204.95	η UP,DN(C0-180)	3.3,42.9
NOMINAL FLUX(lm)	204.954	CIE CLASS	DIRECT	η UP,DN(C180-360)	6.6,47.1
LAMPS INSIDE	1	η up(%)	10.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	90.0	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:17 January 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.889m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	56.05	56.17	56.23	56.05	55.91	56.58	56.95	56.67	0- 10	5.416	5.416	2.64,2.64
20	52.91	53.32	53.51	53.13	52.71	54.26	55.05	54.35	10- 20	15.60	21.02	10.3,10.3
30	47.86	48.60	49.02	48.39	47.68	50.17	51.46	50.22	20- 30	23.82	44.84	21.9,21.9
40	41.26	42.34	43.06	42.19	41.14	44.62	46.45	44.58	30- 40	29.05	73.89	36,36
50	33.56	35.01	36.06	34.95	33.50	37.97	40.38	37.80	40- 50	30.76	104.6	51.1,51.1
60	25.16	27.01	28.42	27.05	25.26	30.57	33.52	30.34	50- 60	29.00	133.6	65.2,65.2
70	16.54	18.81	20.44	18.92	16.78	22.83	26.12	22.53	60- 70	24.25	157.9	77,77
80	7.969	10.68	12.50	10.86	8.364	14.98	18.54	14.63	70- 80	17.34	175.2	85.5,85.5
90	0.2672	3.757	5.633	3.872	0.4980	7.776	11.49	7.478	80- 90	9.310	184.5	90,90
100	0.0696	3.248	4.871	3.342	0.0880	6.828	10.15	6.581	90-100	5.223	189.8	92.6,92.6
110	0.1025	2.985	4.439	2.830	0.1246	5.667	9.171	5.970	100-110	4.584	194.3	94.8,94.8
120	0.1319	2.659	3.933	2.332	0.1650	4.419	7.992	5.280	110-120	3.789	198.1	96.7,96.7
130	0.1759	2.296	3.339	1.811	0.2016	3.503	6.717	4.543	120-130	2.861	201.0	98.1,98.1
140	0.2199	1.937	2.712	1.349	0.2455	2.577	5.412	3.748	130-140	1.981	203.0	99,99
150	0.2345	1.491	2.105	0.9493	0.2712	1.714	3.858	2.799	140-150	1.200	204.2	99.6,99.6
160	0.2602	0.5709	1.430	0.5355	0.2968	1.160	2.521	1.612	150-160	0.5822	204.8	99.9,99.9
170	0.2932	0.3296	0.3115	0.3042	0.3005	0.3003	0.3115	0.3152	160-170	0.1624	204.9	100,100
180	0.3005	0.3296	0.3115	0.3042	0.3005	0.3003	0.3115	0.3152	170-180	0.0294	205.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 89.274 lm

%lum = 43.6%

%lamp = 43.6%

Conical surface Flux(120deg): 133.64 lm

%lum = 65.2%

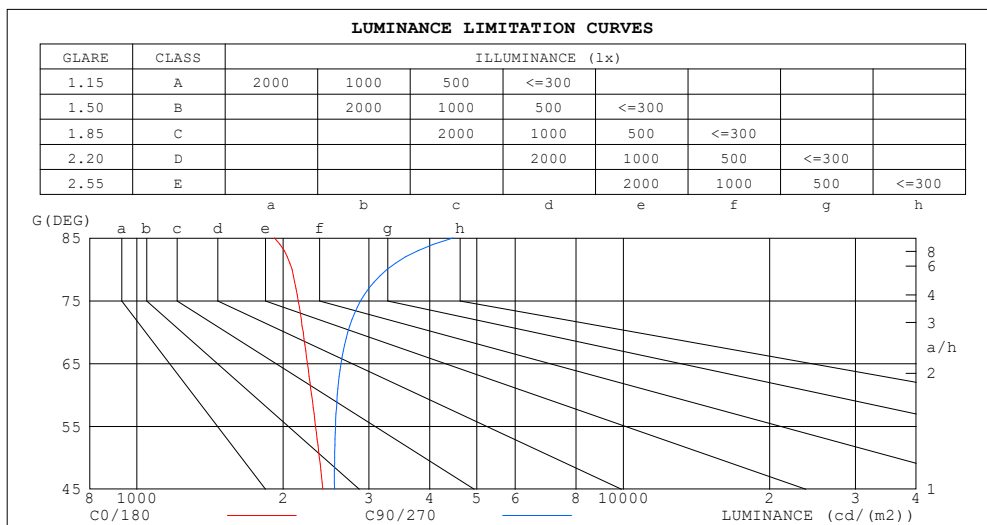
%lamp = 65.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JEFF
 Test Date:17 January 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.889m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



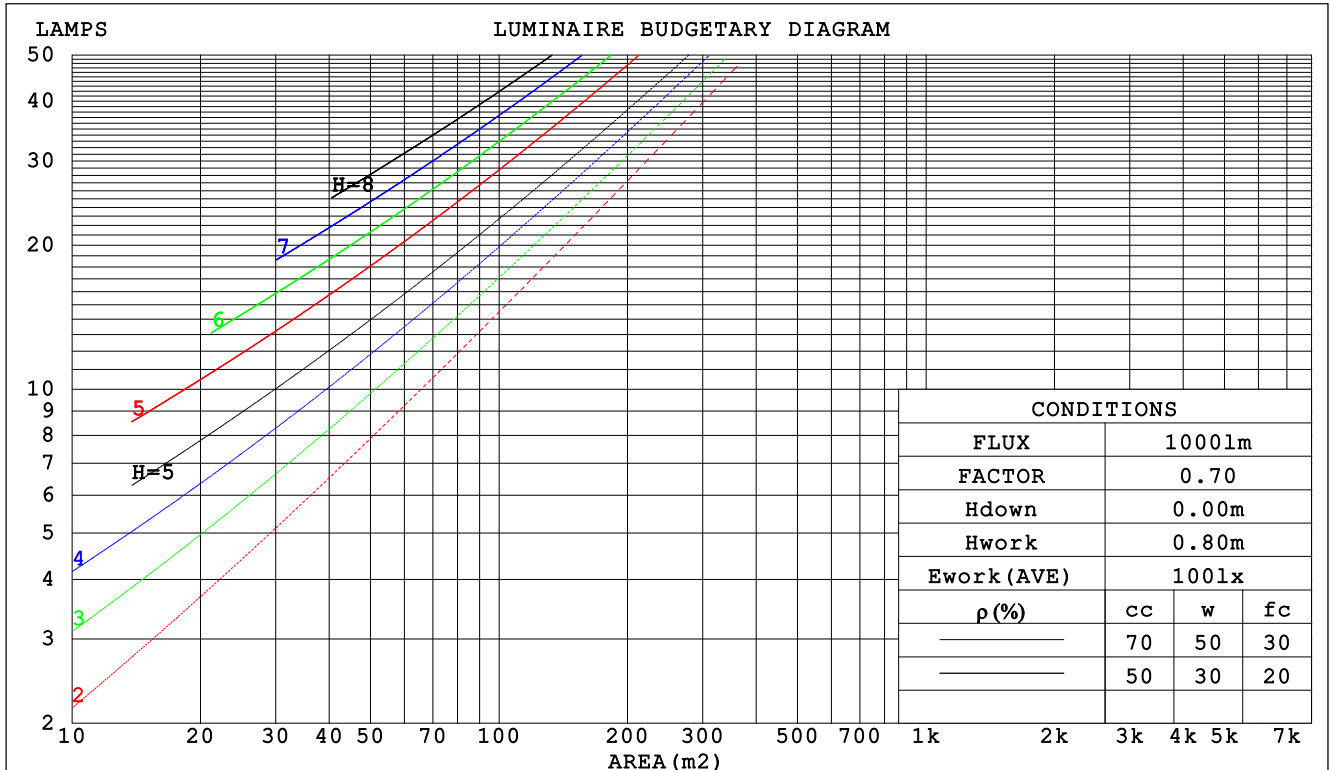
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 17 January 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 7.889m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.99	.99	.99	.93	.93	.93	.90
1.0	.00	.95	.90	.96	.92	.88	.90	.87	.83	.84	.82	.79	.79	.77	.75	.72
2.0	.86	.78	.72	.83	.76	.71	.78	.72	.67	.73	.68	.64	.69	.65	.62	.59
3.0	.75	.66	.59	.73	.65	.58	.68	.61	.56	.64	.58	.54	.60	.55	.51	.49
4.0	.66	.57	.50	.64	.56	.49	.60	.53	.47	.57	.50	.45	.53	.48	.44	.41
5.0	.59	.49	.43	.57	.48	.42	.54	.46	.41	.51	.44	.39	.48	.42	.38	.35
6.0	.53	.44	.37	.51	.43	.36	.48	.41	.35	.46	.39	.34	.43	.38	.33	.31
7.0	.48	.39	.32	.46	.38	.32	.44	.36	.31	.42	.35	.30	.39	.34	.29	.27
8.0	.43	.35	.29	.42	.34	.28	.40	.33	.28	.38	.32	.27	.36	.30	.26	.24
9.0	.40	.31	.26	.39	.31	.25	.37	.30	.25	.35	.29	.24	.33	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.27	.22	.32	.26	.22	.31	.25	.21	.20



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:17 January 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.889m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	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	.347	.198	.063	.337	.192	.061	.318	.183	.058	.301	.173	.056	.284	.165	.053		
2.0	.313	.171	.053	.304	.167	.052	.287	.159	.049	.271	.152	.048	.256	.145	.046		
3.0	.283	.151	.045	.275	.147	.044	.260	.141	.043	.245	.134	.041	.232	.129	.040		
4.0	.258	.134	.039	.251	.131	.039	.237	.126	.038	.224	.120	.036	.212	.115	.035		
5.0	.236	.120	.035	.230	.118	.034	.217	.113	.033	.206	.108	.032	.195	.104	.031		
6.0	.218	.109	.031	.212	.107	.031	.201	.103	.030	.190	.099	.029	.180	.095	.028		
7.0	.202	.100	.028	.196	.098	.028	.186	.094	.027	.176	.090	.026	.167	.087	.026		
8.0	.188	.092	.026	.183	.090	.025	.173	.087	.025	.165	.083	.024	.156	.080	.023		
9.0	.175	.085	.024	.171	.083	.023	.162	.080	.023	.154	.077	.022	.147	.074	.022		
10.0	.165	.079	.022	.160	.077	.022	.153	.075	.021	.145	.072	.020	.138	.069	.020		

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	.266	.266	.266	.228	.228	.228	.155	.155	.155	.089	.089	.089	.029	.029	.029	
1.0	.259	.232	.208	.222	.199	.179	.152	.137	.124	.087	.079	.072	.028	.026	.023	
2.0	.252	.209	.172	.216	.180	.149	.148	.124	.104	.085	.072	.061	.027	.023	.020	
3.0	.244	.192	.150	.210	.165	.130	.144	.115	.091	.083	.067	.054	.027	.022	.018	
4.0	.237	.179	.135	.203	.155	.117	.140	.108	.082	.081	.063	.049	.026	.021	.016	
5.0	.229	.169	.124	.197	.146	.108	.136	.102	.076	.079	.060	.045	.025	.020	.015	
6.0	.222	.161	.117	.191	.139	.102	.132	.097	.072	.076	.057	.043	.025	.019	.014	
7.0	.215	.154	.111	.185	.133	.097	.128	.094	.069	.074	.055	.041	.024	.018	.014	
8.0	.208	.148	.107	.179	.129	.093	.124	.090	.066	.072	.053	.039	.023	.017	.013	
9.0	.202	.143	.104	.174	.125	.091	.121	.088	.064	.070	.052	.038	.023	.017	.013	
10.0	.196	.139	.101	.169	.121	.088	.117	.085	.063	.069	.050	.037	.022	.017	.012	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:17 January 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.889m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm										
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED							WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:1		
MFR.: DARKON					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	15.0	16.4	15.4	16.8	17.2	15.5	16.9	15.9	17.3	17.7
3H	16.6	17.9	17.0	18.3	18.8	17.4	18.7	17.8	19.1	19.5
4H	17.3	18.6	17.8	19.0	19.5	18.3	19.5	18.7	20.0	20.4
6H	17.9	19.1	18.3	19.5	20.0	19.2	20.4	19.6	20.8	21.3
8H	18.1	19.2	18.6	19.7	20.2	19.6	20.7	20.1	21.2	21.7
12H	18.2	19.3	18.7	19.8	20.3	20.0	21.1	20.5	21.6	22.1
4H 2H	15.7	17.0	16.2	17.4	17.8	16.1	17.3	16.5	17.8	18.2
3H	17.5	18.6	18.0	19.1	19.6	18.2	19.3	18.7	19.7	20.3
4H	18.4	19.4	18.9	19.9	20.4	19.2	20.3	19.8	20.8	21.3
6H	19.1	20.0	19.6	20.5	21.1	20.3	21.2	20.8	21.7	22.3
8H	19.3	20.2	19.9	20.7	21.3	20.8	21.7	21.4	22.2	22.8
12H	19.5	20.3	20.1	20.9	21.5	21.3	22.1	21.9	22.7	23.3
8H 4H	18.8	19.6	19.4	20.2	20.8	19.6	20.4	20.1	20.9	21.5
6H	19.7	20.4	20.3	21.0	21.6	20.8	21.5	21.4	22.1	22.7
8H	20.1	20.7	20.7	21.3	22.0	21.5	22.1	22.1	22.7	23.4
12H	20.4	21.0	21.1	21.6	22.3	22.2	22.8	22.8	23.4	24.0
12H 4H	18.9	19.6	19.4	20.2	20.8	19.6	20.4	20.2	20.9	21.5
6H	19.9	20.5	20.5	21.1	21.8	20.9	21.6	21.5	22.1	22.8
8H	20.4	20.9	21.0	21.5	22.2	21.7	22.2	22.3	22.8	23.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 205.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.5)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:17 January 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.889m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS	LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

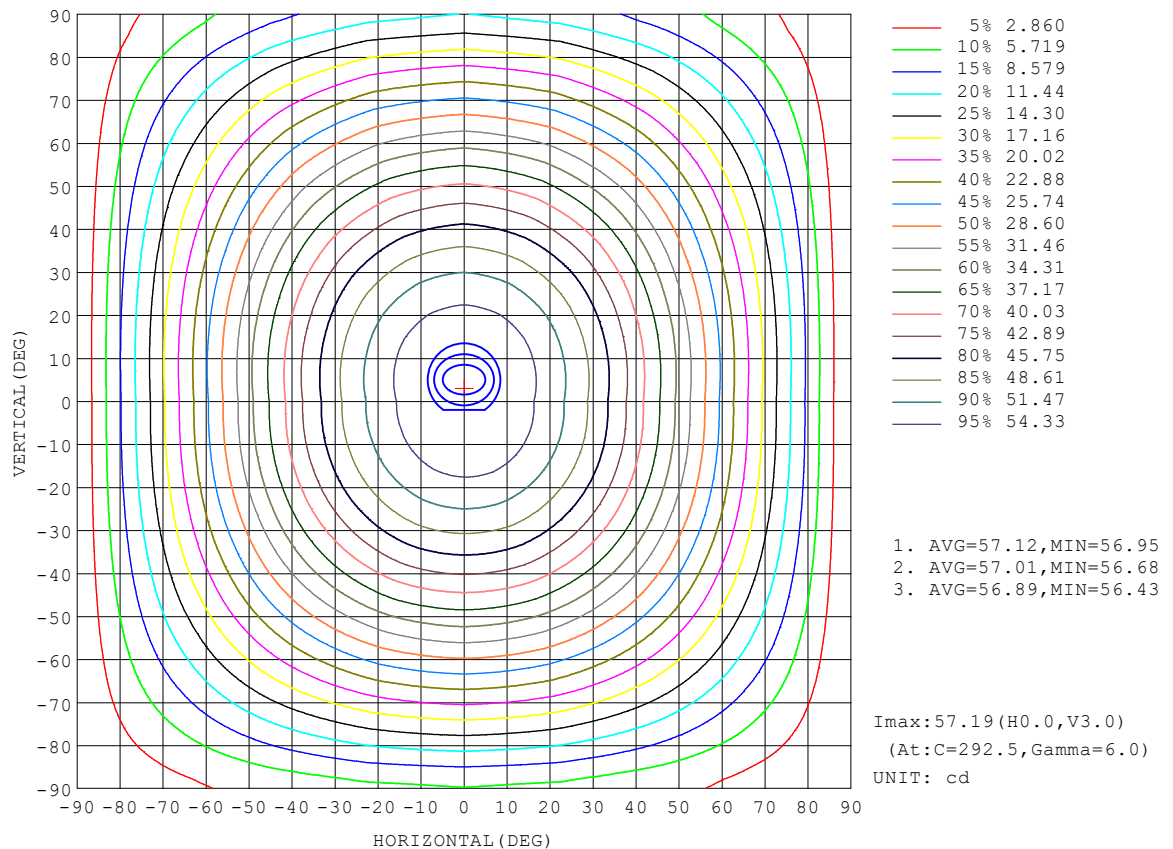
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	33	51	40	33	50	39	33	26
0.80	62	50	42	61	49	42	58	48	41	33
1.00	70	58	50	68	57	50	65	58	49	41
1.25	77	65	57	75	64	57	71	62	56	47
1.50	82	71	63	80	70	62	76	67	61	51
2.00	89	79	72	87	78	71	82	74	68	58
2.50	93	84	77	91	82	76	85	79	73	62
3.00	97	89	82	94	87	81	88	82	77	66
4.00	101	94	89	98	92	87	92	87	83	71
5.00	104	98	93	101	95	91	94	90	87	74
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 17 January 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 7.889m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

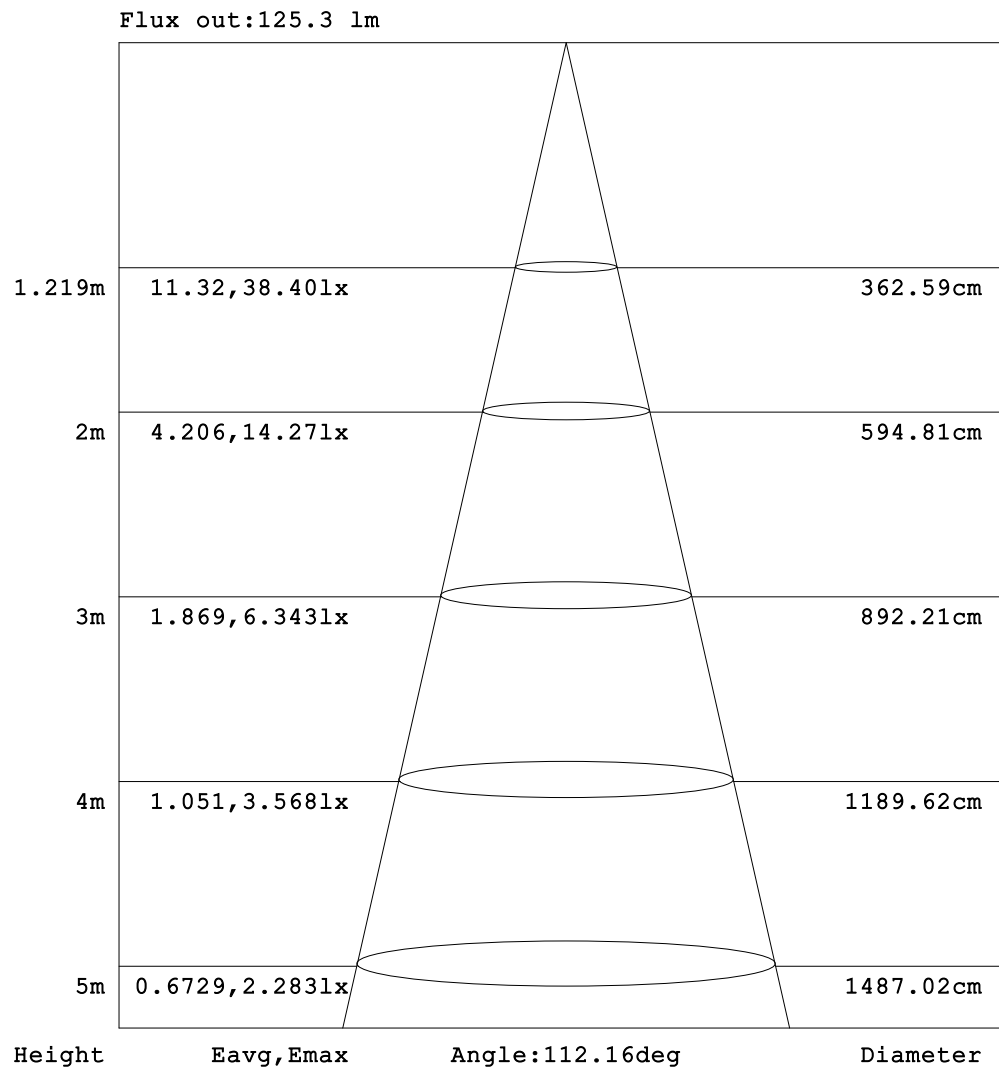


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:17 January 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.889m [K=1.0000]
Remarks:

AAI Figure

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



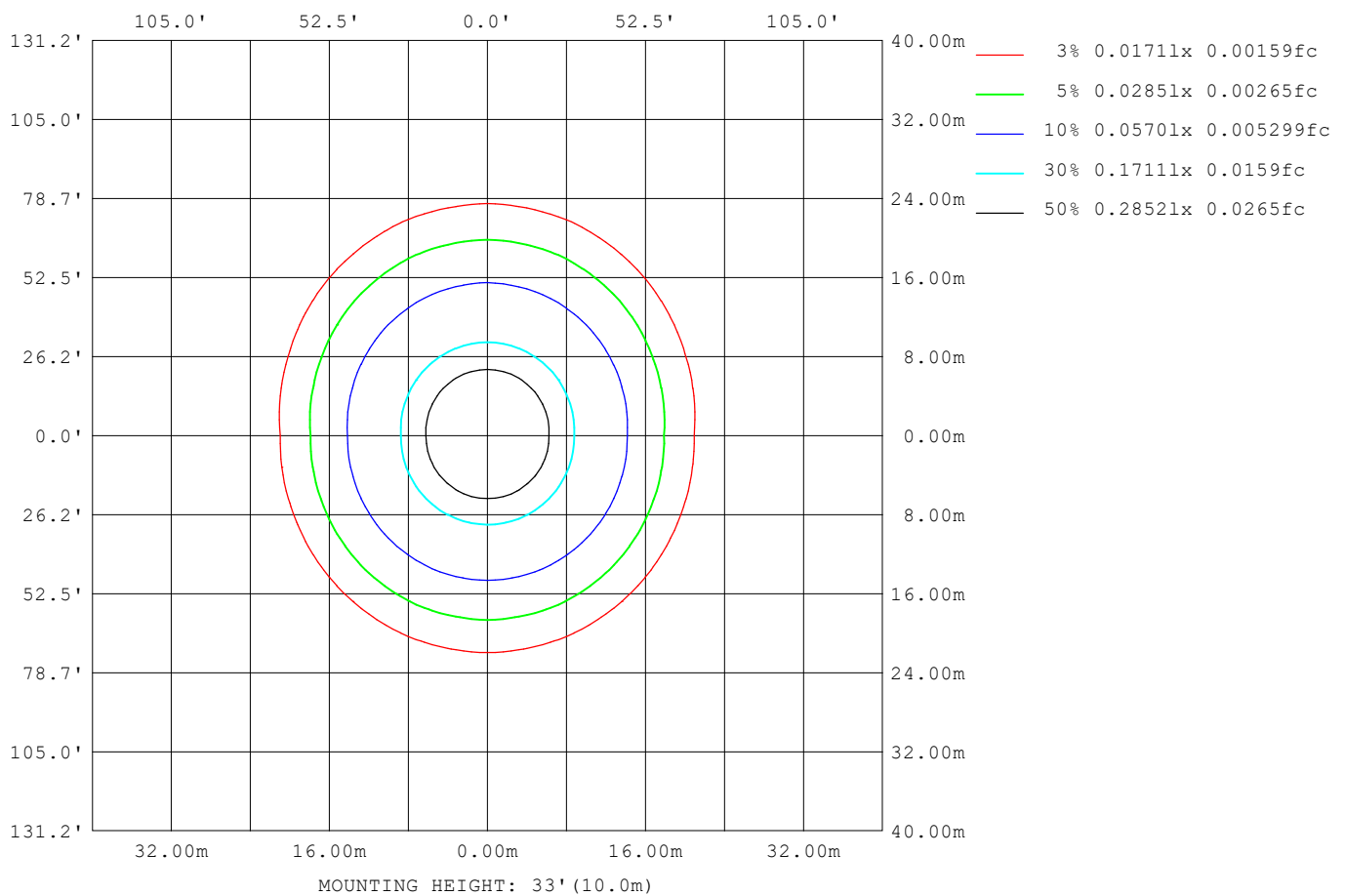
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:17 January 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.889m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:17 January 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.889m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

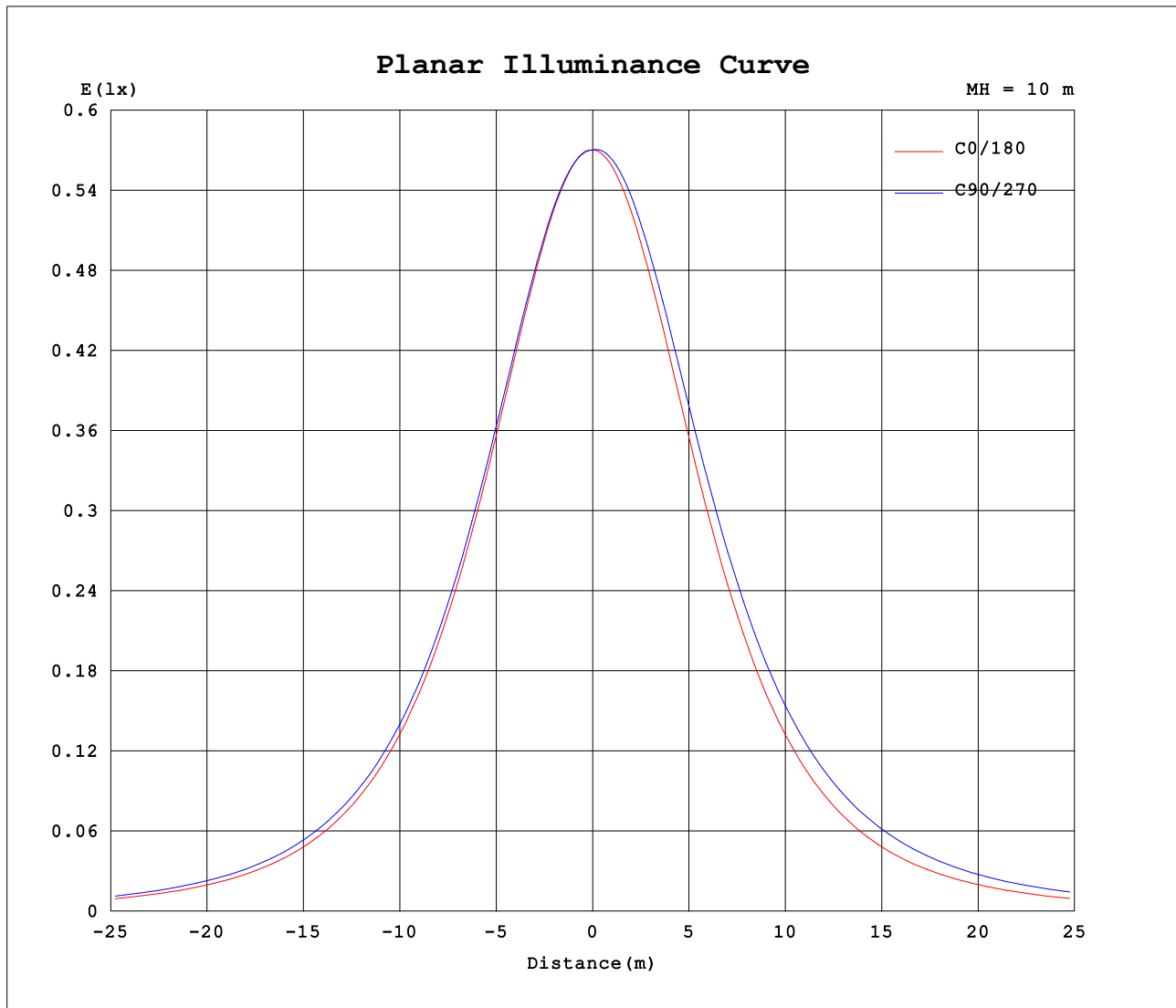
AvgL	cd/m2
L_0~180 (65) av	2252
L_0~180 (75) av	2176
L_0~180 (85) av	2045
L_90~270 (65) av	2920
L_90~270 (75) av	3404
L_90~270 (85) av	6078
L_45 (65) av	2665
L_45 (75) av	2943
L_45 (85) av	4623

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:17 January 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.889m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 17 January 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 7.889m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:239.9V I:0.1328A P:12.94W PF:0.4060 Lamp Flux:204.954x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_11WM_RGB SPI_ALL CHNLS:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	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	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0			
5	56.8	56.8	56.8	56.9	56.8	56.8	56.8	56.7	56.7	56.9	57.0	57.2	57.2	57.2	57.1	57.0			
10	56.1	56.1	56.2	56.3	56.2	56.2	56.1	55.9	55.9	56.3	56.6	56.9	56.9	56.9	56.7	56.4			
15	54.7	54.9	55.0	55.1	55.1	55.1	54.8	54.7	54.6	55.1	55.7	56.1	56.2	56.2	55.8	55.3			
20	52.9	53.1	53.3	53.5	53.5	53.4	53.1	52.9	52.7	53.5	54.3	54.9	55.1	54.9	54.4	53.7			
25	50.6	50.9	51.2	51.5	51.5	51.4	51.0	50.6	50.4	51.4	52.4	53.2	53.5	53.2	52.5	51.5			
30	47.9	48.2	48.6	49.0	49.0	48.9	48.4	48.0	47.7	48.9	50.2	51.1	51.5	51.1	50.2	49.0			
35	44.7	45.2	45.6	46.2	46.2	46.1	45.5	44.9	44.6	46.0	47.6	48.7	49.1	48.7	47.6	46.1			
40	41.3	41.8	42.3	43.0	43.1	42.9	42.2	41.6	41.1	42.8	44.6	45.9	46.4	45.9	44.6	42.8			
45	37.5	38.1	38.8	39.5	39.7	39.5	38.7	37.9	37.4	39.3	41.4	42.9	43.5	42.9	41.3	39.3			
50	33.6	34.1	35.0	35.8	36.1	35.8	34.9	34.1	33.5	35.6	38.0	39.7	40.4	39.6	37.8	35.6			
55	29.4	30.1	31.1	32.0	32.3	32.0	31.0	30.0	29.4	31.7	34.3	36.3	37.0	36.2	34.1	31.6			
60	25.2	25.9	27.0	28.1	28.4	28.1	27.1	25.9	25.3	27.7	30.6	32.7	33.5	32.6	30.3	27.5			
65	20.9	21.6	22.9	24.1	24.5	24.1	23.0	21.7	21.0	23.7	26.7	29.1	29.8	28.9	26.5	23.4			
70	16.5	17.4	18.8	20.0	20.4	20.1	18.9	17.6	16.8	19.6	22.8	25.3	26.1	25.1	22.5	19.3			
75	12.2	13.2	14.7	16.0	16.4	16.0	14.9	13.4	12.6	15.5	18.9	21.4	22.3	21.3	18.6	15.1			
80	7.97	9.08	10.7	12.0	12.5	12.1	10.9	9.35	8.36	11.5	15.0	17.6	18.5	17.5	14.6	11.0			
85	3.68	5.03	6.73	8.10	8.58	8.14	6.93	5.34	4.16	7.48	11.1	13.8	14.7	13.6	10.7	7.01			
90	0.27	1.94	3.76	5.15	5.63	5.16	3.87	2.17	0.50	4.13	7.78	10.5	11.5	10.4	7.48	3.73			
95	0.07	1.71	3.40	4.63	5.10	4.62	3.49	1.91	0.07	3.79	7.10	9.69	10.6	9.61	6.86	3.43			
100	0.07	1.64	3.25	4.42	4.87	4.40	3.34	1.85	0.09	3.62	6.83	9.31	10.1	9.23	6.58	3.27			
105	0.07	1.58	3.12	4.23	4.67	4.22	3.21	1.76	0.10	3.26	6.44	8.89	9.69	8.80	6.28	3.14			
110	0.10	1.51	2.98	4.02	4.44	3.97	2.83	1.64	0.12	3.17	5.67	8.43	9.17	8.33	5.97	3.03			
115	0.12	1.43	2.83	3.81	4.20	3.78	2.72	1.38	0.15	2.80	5.27	7.80	8.61	7.83	5.64	2.91			
120	0.13	1.38	2.66	3.57	3.93	3.50	2.33	1.16	0.16	2.43	4.42	6.97	7.99	7.30	5.28	2.77			
125	0.16	1.31	2.48	3.30	3.65	3.22	2.05	1.02	0.19	2.11	3.94	5.74	7.32	6.74	4.92	2.61			
130	0.18	1.23	2.30	3.03	3.34	2.47	1.81	0.88	0.20	1.85	3.50	5.04	6.72	6.17	4.54	2.38			
135	0.19	1.08	2.12	2.75	3.02	2.23	1.56	0.77	0.23	1.52	3.02	4.28	6.07	5.59	4.15	2.11			
140	0.22	0.91	1.94	2.47	2.71	1.87	1.35	0.70	0.25	1.34	2.58	3.78	5.41	5.01	3.75	1.69			
145	0.23	0.71	1.75	2.20	2.40	1.57	1.17	0.61	0.26	1.18	2.18	3.11	4.40	4.42	3.25	1.43			
150	0.23	0.29	1.49	1.92	2.10	1.30	0.95	0.28	0.27	0.35	1.71	2.53	3.86	3.73	2.80	0.29			
155	0.25	0.30	1.22	1.60	1.79	1.00	0.85	0.29	0.29	0.27	1.43	1.92	2.87	3.10	2.15	0.28			
160	0.26	0.30	0.57	1.27	1.43	0.81	0.54	0.30	0.30	0.27	1.16	1.47	2.52	2.30	1.61	0.28			
165	0.30	0.30	0.33	0.37	0.65	0.37	0.30	0.30	0.30	0.27	0.30	1.03	1.15	1.38	0.32	0.28			
170	0.29	0.30	0.33	0.33	0.31	0.31	0.30	0.30	0.30	0.29	0.30	0.31	0.31	0.32	0.32	0.29			
175	0.29	0.30	0.33	0.33	0.31	0.31	0.30	0.30	0.30	0.29	0.30	0.31	0.31	0.32	0.32	0.30			
180	0.30	0.30	0.33	0.33	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.32	0.32	0.30			

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