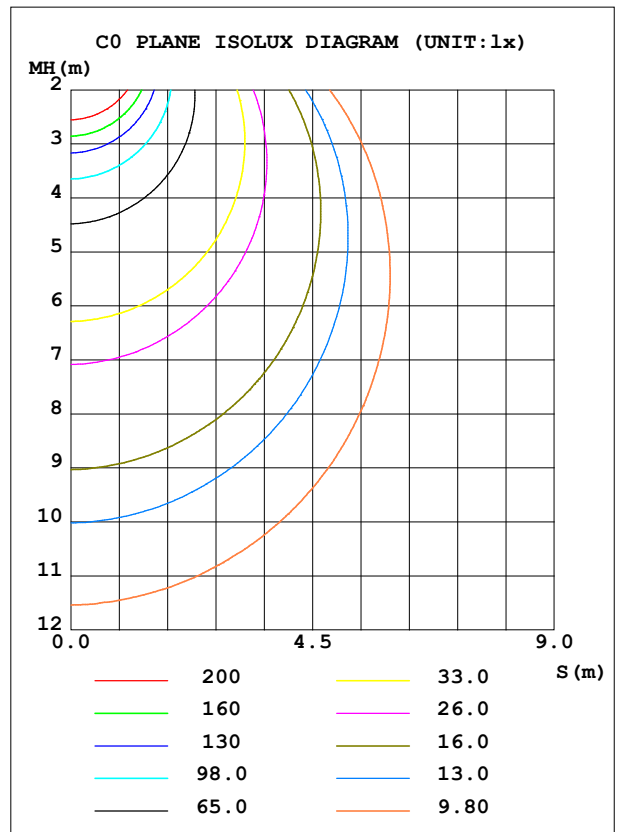
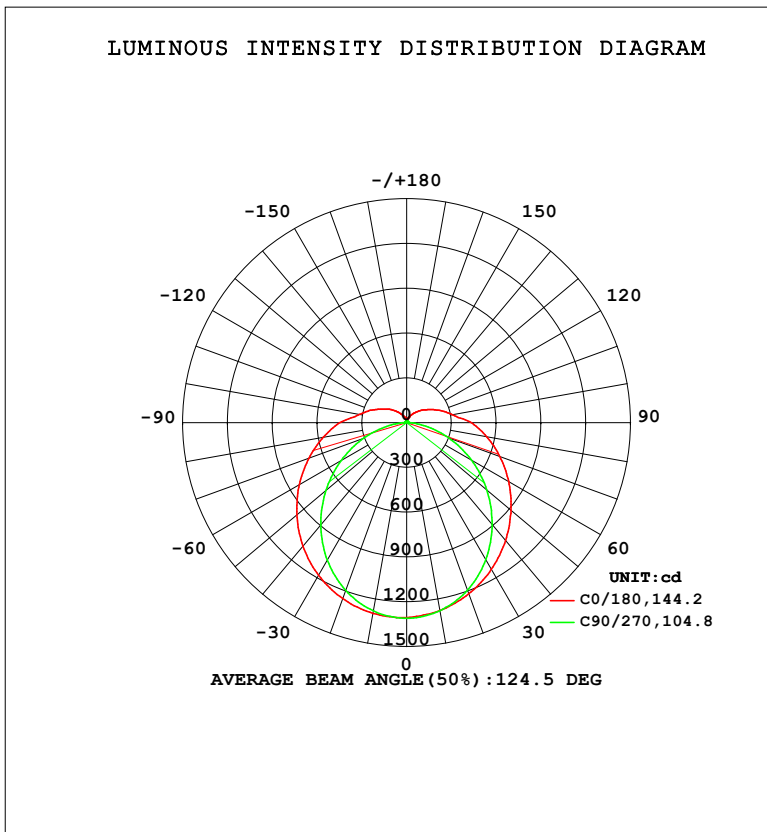


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LP03R-4-40L-A5C5	Imax (cd)	1312	S/MH (C0/180)	1.30
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	5135.6	η UP, DN (C0-180)	6.7,43.1
NOMINAL FLUX (lm)	5135.62	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	6.8,43.4
LAMPS INSIDE	1	η up (%)	13.5	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	86.5	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.630m [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	1278	1275	1280	1294	1297	1289	1281	1281	0- 10	123.7	123.7	2.41,2.41
20	1219	1204	1193	1230	1254	1227	1195	1209	10- 20	354.4	478.1	9.31,9.31
30	1136	1096	1061	1129	1180	1126	1063	1099	20- 30	538.4	1017	19.8,19.8
40	1031	962.7	890.9	996.5	1080	995.6	895.0	964.1	30- 40	655.4	1672	32.6,32.6
50	913.5	817.0	701.6	845.7	960.2	845.6	705.2	816.2	40- 50	697.3	2369	46.1,46.1
60	789.3	667.0	501.0	689.9	829.7	691.3	506.0	663.7	50- 60	668.9	3038	59.2,59.2
70	664.5	527.4	299.2	542.2	696.1	545.1	306.1	522.6	60- 70	585.7	3624	70.6,70.6
80	544.8	402.1	116.3	411.4	567.3	414.6	121.6	397.6	70- 80	469.6	4093	79.7,79.7
90	433.3	298.0	15.54	302.5	448.3	307.3	17.47	293.3	80- 90	349.1	4443	86.5,86.5
100	311.1	198.2	12.17	200.1	321.1	205.5	14.67	195.2	90-100	241.1	4684	91.2,91.2
110	241.0	137.5	8.148	139.7	249.3	144.5	10.78	134.1	100-110	167.5	4851	94.5,94.5
120	177.4	100.5	6.234	104.6	184.0	108.5	8.500	97.55	110-120	113.6	4965	96.7,96.7
130	130.0	64.90	7.473	76.14	136.7	79.29	9.688	63.90	120-130	75.89	5041	98.1,98.1
140	88.62	40.75	8.790	55.01	94.73	57.31	10.87	42.33	130-140	47.18	5088	99.1,99.1
150	57.14	26.44	10.02	39.31	62.43	41.36	11.89	28.91	140-150	26.79	5115	99.6,99.6
160	34.68	18.96	11.01	28.54	38.78	29.33	12.47	20.48	150-160	13.59	5128	99.9,99.9
170	20.19	15.94	11.75	20.64	22.98	21.07	12.39	16.60	160-170	5.970	5134	100,100
180	11.52	12.37	12.31	12.13	11.53	12.26	12.33	12.17	170-180	1.548	5136	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2020 lm

%lum = 39.3%

%lamp = 39.3%

Conical surface Flux(130deg): 3344.1 lm

%lum = 65.1%

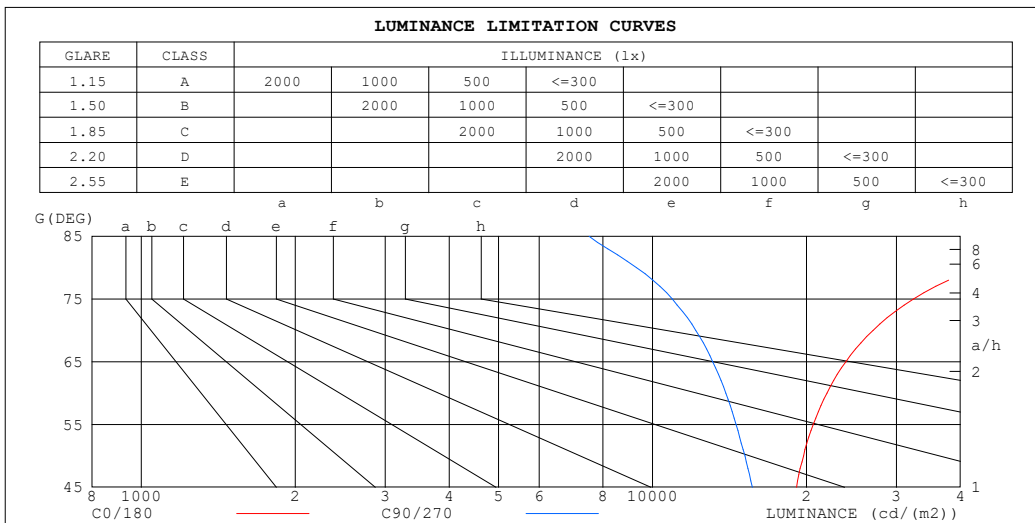
%lamp = 65.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	77770	7519
80	43577	9305
75	32384	10927
70	26984	12152
65	23891	13118
60	21926	13916
55	20616	14567
50	19739	15159
45	19124	15668

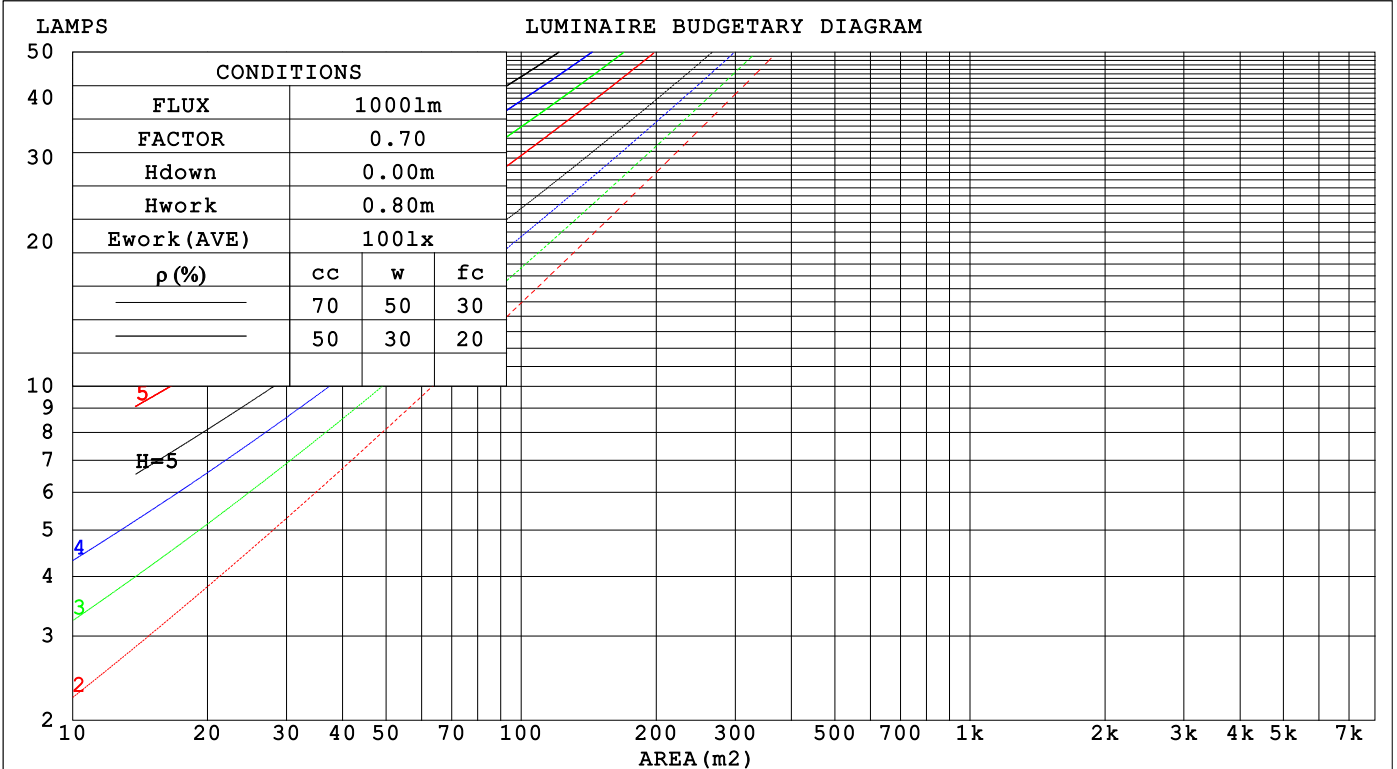
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz		
UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.96	.96	.96	.90	.90	.90	.87
1.0	.97	.92	.87	.94	.89	.85	.87	.83	.80	.81	.77	.75	.75	.72	.70	.67
2.0	.84	.76	.69	.80	.73	.67	.75	.69	.64	.69	.64	.60	.64	.60	.57	.54
3.0	.73	.64	.57	.70	.62	.55	.65	.58	.53	.60	.55	.50	.56	.51	.47	.45
4.0	.64	.55	.47	.62	.53	.46	.57	.50	.44	.53	.47	.42	.50	.45	.40	.38
5.0	.57	.47	.41	.55	.46	.40	.51	.44	.38	.48	.41	.36	.45	.39	.35	.32
6.0	.51	.42	.35	.49	.41	.34	.46	.39	.33	.43	.37	.32	.40	.35	.30	.28
7.0	.46	.37	.31	.45	.36	.30	.42	.34	.29	.39	.33	.28	.37	.31	.27	.25
8.0	.42	.33	.27	.41	.33	.27	.38	.31	.26	.36	.30	.25	.34	.28	.24	.22
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.27	.22	.31	.26	.22	.20
10.0	.35	.27	.22	.34	.27	.22	.32	.26	.21	.31	.25	.20	.29	.23	.20	.18



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	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	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.374	.213	.067	.363	.207	.066	.342	.196	.063	.322	.186	.060	.304	.176	.057	
2.0	.327	.179	.055	.317	.174	.054	.298	.165	.051	.280	.157	.049	.264	.149	.047	
3.0	.292	.155	.047	.283	.151	.046	.265	.144	.044	.250	.137	.042	.235	.130	.040	
4.0	.264	.137	.040	.255	.134	.039	.240	.127	.038	.225	.121	.036	.212	.115	.035	
5.0	.240	.122	.035	.233	.119	.035	.219	.114	.034	.206	.108	.032	.193	.103	.031	
6.0	.220	.111	.032	.214	.108	.031	.201	.103	.030	.189	.098	.029	.178	.094	.028	
7.0	.204	.101	.029	.197	.098	.028	.186	.094	.027	.175	.090	.026	.165	.086	.025	
8.0	.189	.092	.026	.183	.090	.026	.173	.086	.025	.163	.082	.024	.153	.079	.023	
9.0	.176	.085	.024	.171	.083	.023	.161	.080	.023	.152	.076	.022	.144	.073	.021	
10.0	.165	.079	.022	.160	.078	.022	.151	.074	.021	.143	.071	.020	.135	.068	.019	

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	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.293	.293	.293	.251	.251	.251	.171	.171	.171	.098	.098	.098	.031	.031	.031	
1.0	.288	.259	.233	.247	.222	.200	.169	.153	.139	.097	.089	.081	.031	.029	.026	
2.0	.281	.236	.198	.241	.203	.171	.165	.141	.119	.095	.082	.070	.031	.026	.023	
3.0	.274	.219	.176	.235	.189	.153	.161	.131	.107	.093	.077	.063	.030	.025	.021	
4.0	.266	.207	.162	.228	.179	.140	.157	.124	.099	.091	.073	.058	.029	.024	.019	
5.0	.258	.197	.151	.222	.170	.132	.153	.119	.093	.088	.070	.055	.028	.023	.018	
6.0	.251	.189	.144	.215	.163	.126	.149	.114	.089	.086	.067	.053	.028	.022	.017	
7.0	.244	.182	.139	.210	.158	.121	.145	.111	.086	.084	.065	.051	.027	.021	.017	
8.0	.237	.176	.135	.204	.153	.118	.141	.107	.083	.082	.063	.050	.027	.021	.016	
9.0	.231	.172	.132	.199	.149	.115	.138	.105	.082	.080	.062	.049	.026	.020	.016	
10.0	.225	.167	.129	.194	.145	.113	.134	.102	.080	.078	.060	.048	.025	.020	.016	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	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	22.8	24.2	23.2	24.6	25.1	21.0	22.4	21.4	22.8	23.3
3H	25.3	26.6	25.8	27.0	27.6	22.4	23.7	22.9	24.2	24.7
4H	26.6	27.9	27.1	28.4	28.9	23.0	24.2	23.5	24.7	25.3
6H	28.1	29.3	28.7	29.8	30.4	23.4	24.6	23.9	25.1	25.6
8H	29.0	30.1	29.5	30.6	31.2	23.5	24.7	24.1	25.2	25.8
12H	29.9	31.0	30.5	31.6	32.1	23.6	24.7	24.1	25.2	25.8
4H 2H	23.3	24.6	23.8	25.1	25.6	22.0	23.2	22.5	23.7	24.3
3H	26.1	27.2	26.6	27.7	28.3	23.7	24.8	24.3	25.3	25.9
4H	27.6	28.6	28.2	29.2	29.8	24.5	25.5	25.0	26.0	26.7
6H	29.4	30.3	30.0	30.9	31.5	25.1	26.0	25.7	26.6	27.2
8H	30.3	31.2	30.9	31.8	32.4	25.3	26.2	25.9	26.8	27.4
12H	31.4	32.2	32.1	32.8	33.5	25.5	26.2	26.1	26.9	27.6
8H 4H	28.0	28.8	28.6	29.4	30.1	25.4	26.3	26.1	26.9	27.6
6H	30.0	30.7	30.7	31.4	32.1	26.4	27.1	27.1	27.8	28.5
8H	31.2	31.8	31.9	32.5	33.2	26.9	27.5	27.5	28.1	28.9
12H	32.6	33.1	33.2	33.8	34.5	27.2	27.8	27.9	28.4	29.2
12H 4H	28.0	28.8	28.6	29.4	30.1	25.7	26.5	26.4	27.1	27.8
6H	30.1	30.8	30.8	31.4	32.2	27.0	27.6	27.6	28.2	29.0
8H	31.4	32.0	32.1	32.6	33.4	27.6	28.1	28.2	28.8	29.6

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.2
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.2 / - 0.3	+ 0.2 / - 0.4

CIE Pub.117, 5136 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.7)
 Area: 0.072 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	Shielding Angle:

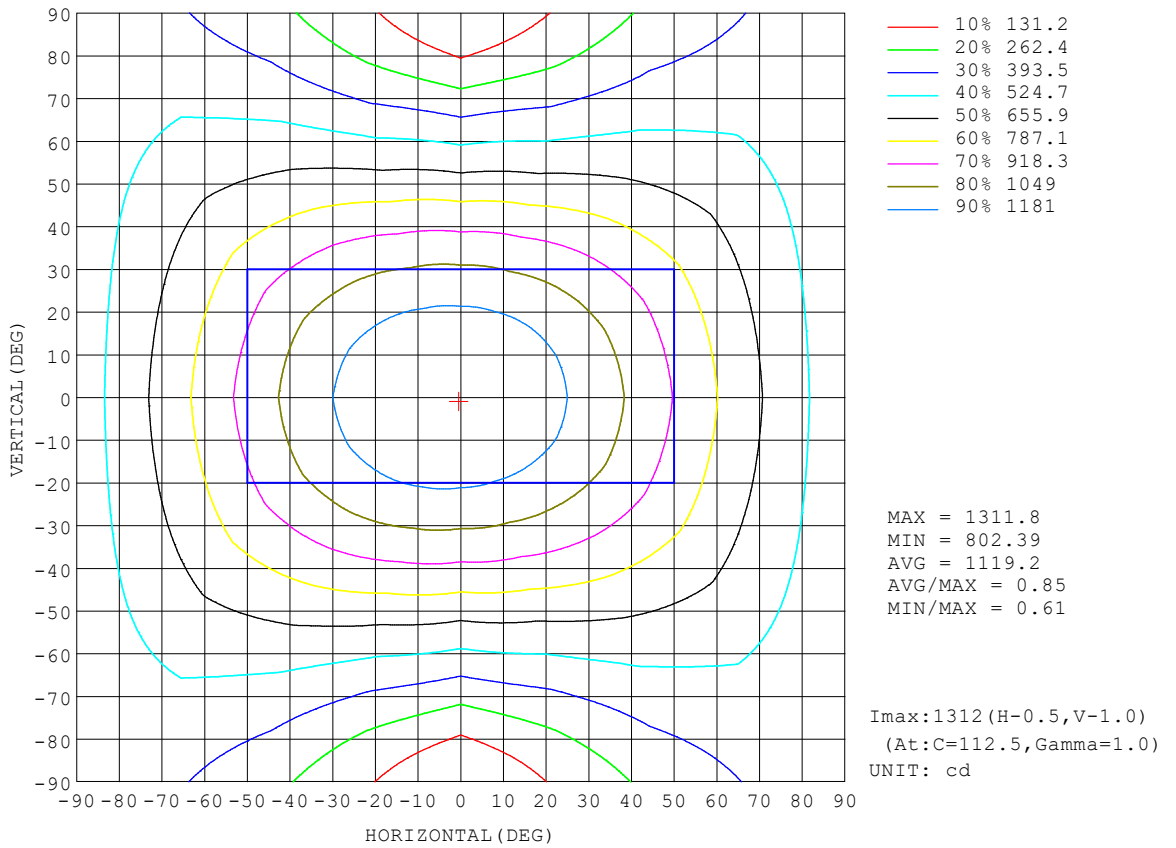
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	31	49	38	31	47	37	30	24
0.80	59	47	39	58	46	39	56	45	38	30
1.00	67	55	47	66	54	46	62	55	45	37
1.25	74	62	54	72	61	53	68	59	52	43
1.50	79	67	59	77	66	58	72	63	56	47
2.00	86	76	68	84	74	67	78	70	64	53
2.50	91	81	73	88	79	72	82	75	69	57
3.00	94	85	78	91	83	77	85	79	73	61
4.00	99	91	85	95	89	83	89	83	79	66
5.00	102	95	90	98	92	87	91	87	82	69
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:25.3°C
 Operators:DAMIN
 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	Shielding Angle:

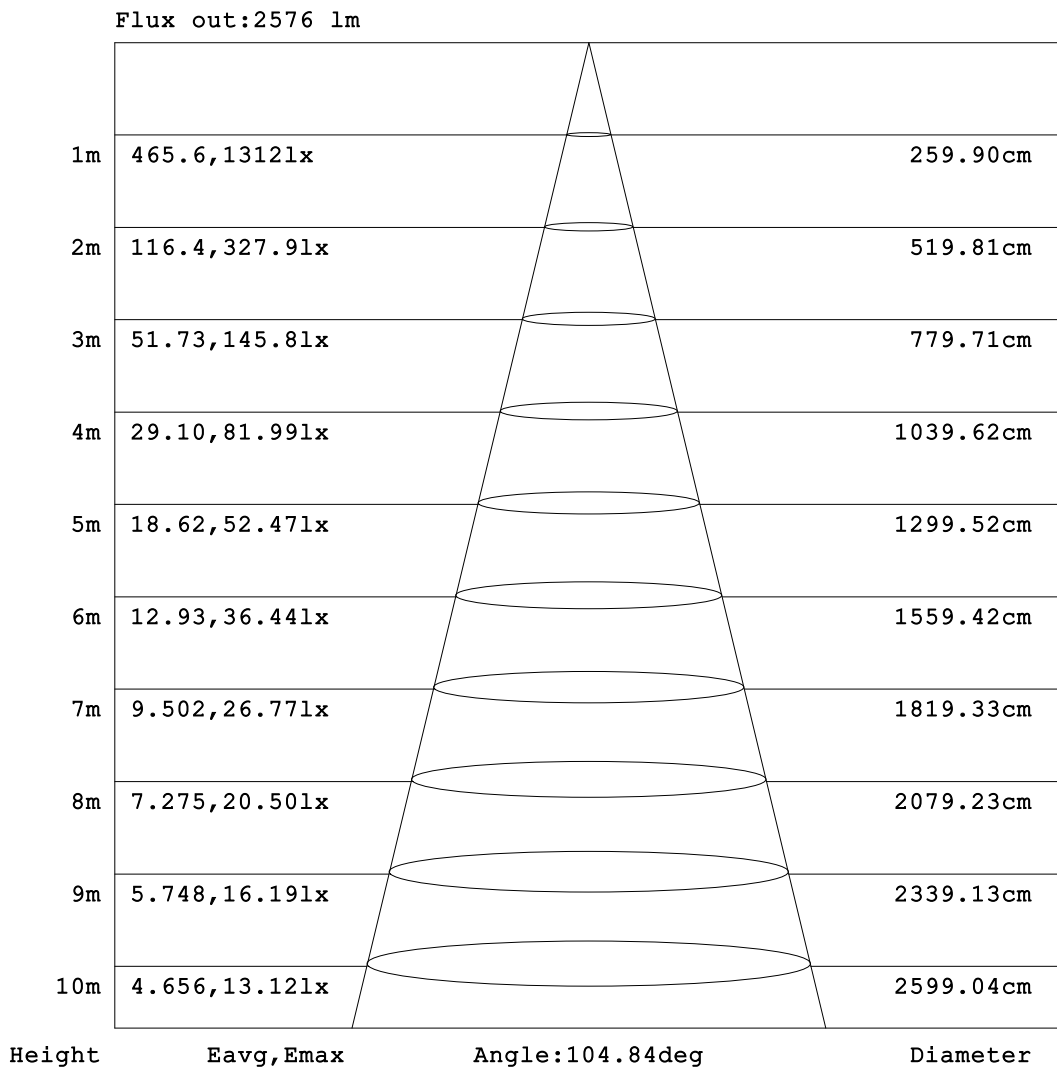


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	Shielding Angle:



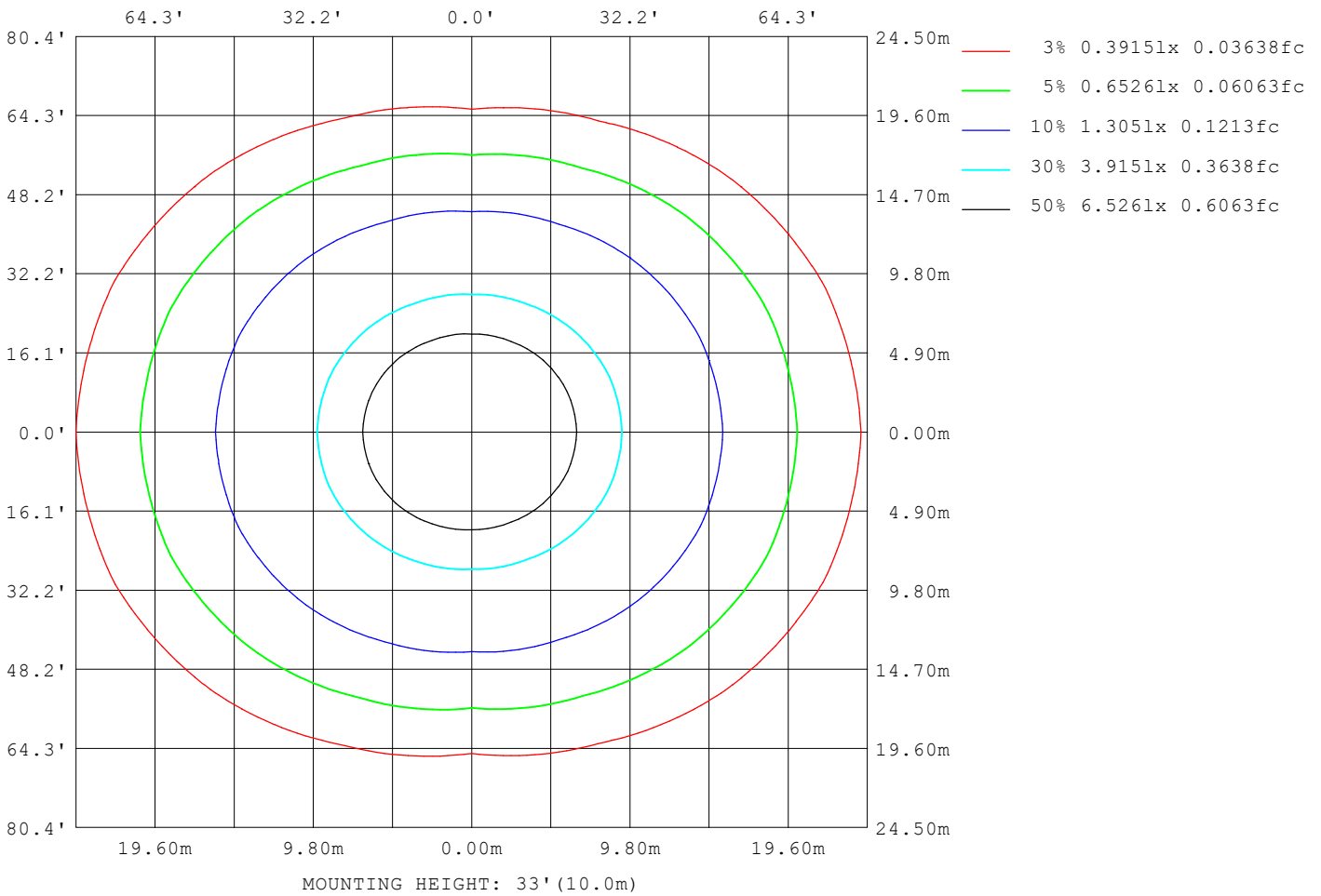
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.630m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	Shielding Angle:

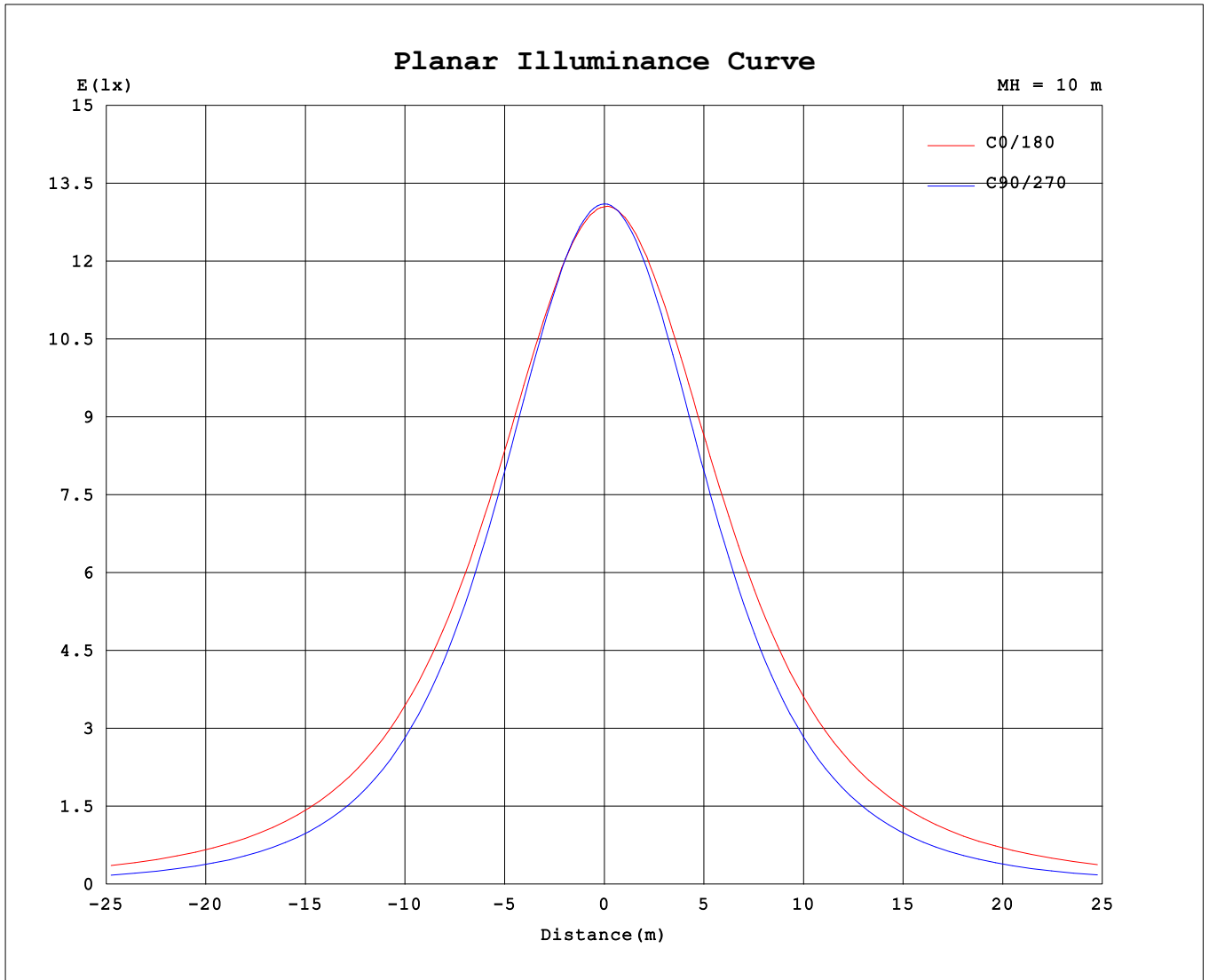
AvgL	cd/m2
L_0~180 (65) av	24482
L_0~180 (75) av	33119
L_0~180 (85) av	79217
L_90~270 (65) av	13221
L_90~270 (75) av	11093
L_90~270 (85) av	7852
L_45 (65) av	19869
L_45 (75) av	25105
L_45 (85) av	55832

Standard: GB/T 29293-2012

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 Test Date:2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.630m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
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 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2025-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.630m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.28V I:0.3128A P:37.281W PF:0.9910 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5135.62x1 lm		
NAME: LP03R-4-40L-A5C5	TYPE: 40W	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.: 1
MFR.:	SUR.: 1.2*0.06	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	1305	1305	1306	1307	1310	1312	1310	1306	1305	1305	1306	1307	1310	1312	1310	1306			
5	1295	1296	1298	1298	1302	1307	1309	1307	1305	1304	1303	1302	1303	1302	1301	1299			
10	1278	1277	1275	1275	1280	1288	1294	1297	1297	1294	1289	1283	1281	1280	1281	1280			
15	1252	1251	1245	1240	1243	1255	1267	1278	1280	1276	1264	1251	1245	1245	1250	1252			
20	1219	1216	1204	1194	1193	1208	1230	1248	1254	1246	1227	1206	1195	1197	1209	1217			
25	1180	1173	1153	1134	1132	1153	1184	1211	1220	1209	1181	1150	1135	1139	1158	1174			
30	1136	1125	1096	1067	1061	1087	1129	1166	1180	1163	1126	1083	1063	1070	1099	1125			
35	1086	1072	1031	991	980	1012	1066	1114	1134	1113	1063	1009	983	995	1035	1071			
40	1031	1013	963	911	891	930	997	1057	1080	1056	996	927	895	914	964	1011			
45	974	952	891	825	798	843	923	995	1022	994	923	842	802	827	891	950			
50	914	888	817	737	702	754	846	928	960	928	846	752	705	738	816	884			
55	851	823	742	648	602	662	768	860	896	860	769	661	607	648	739	818			
60	789	758	667	560	501	571	690	792	830	791	691	571	506	558	664	753			
65	727	694	595	474	399	483	615	723	763	722	616	484	405	471	592	688			
70	664	631	527	391	299	398	542	656	696	655	545	399	306	387	523	625			
75	603	569	462	315	204	319	475	590	631	589	477	322	210	309	457	563			
80	545	510	402	247	116	249	411	527	567	526	415	253	122	241	398	504			
85	488	454	347	190	47.2	190	354	468	506	467	358	197	51.4	184	342	448			
90	433	402	298	145	15.5	145	302	412	448	412	307	151	17.5	140	293	397			
95	363	329	225	112	14.0	111	226	334	375	336	234	117	15.9	107	223	325			
100	311	284	198	86.9	12.2	86.8	200	289	321	290	206	92.7	14.7	82.8	195	280			
105	275	251	165	62.7	10.1	63.2	166	256	284	257	174	70.0	12.8	61.4	163	248			
110	241	214	137	48.5	8.15	50.5	140	218	249	220	145	55.6	10.8	47.3	134	211			
115	207	183	115	39.9	6.77	42.9	118	187	214	190	123	46.9	9.15	39.3	108	182			
120	177	156	101	32.2	6.23	37.4	105	161	184	163	109	40.7	8.50	32.6	97.6	155			
125	152	135	83.3	28.2	6.84	33.6	89.4	140	158	142	92.9	36.3	9.10	28.6	81.6	132			
130	130	114	64.9	24.2	7.47	30.6	76.1	119	137	121	79.3	33.1	9.69	25.2	63.9	106			
135	108	94.9	50.7	21.2	8.13	28.3	64.7	99.3	115	101	67.4	30.6	10.3	22.5	52.0	93.1			
140	88.6	78.2	40.8	18.9	8.79	26.2	55.0	82.5	94.7	83.9	57.3	28.3	10.9	20.3	42.3	77.2			
145	71.8	58.5	32.6	17.1	9.45	24.6	46.5	67.6	77.5	69.2	49.0	26.1	11.4	18.6	35.0	58.7			
150	57.1	42.7	26.4	15.9	10.0	22.6	39.3	54.7	62.4	56.3	41.4	24.3	11.9	17.4	28.9	43.6			
155	44.8	31.8	21.7	15.4	10.5	21.2	33.3	44.0	49.4	45.2	34.7	22.5	12.3	16.6	23.9	33.5			
160	34.7	24.2	19.0	15.1	11.0	19.9	28.5	35.0	38.8	36.0	29.3	21.0	12.5	16.2	20.5	26.0			
165	26.4	18.5	17.0	15.2	11.4	18.8	23.9	28.0	29.7	28.7	24.6	19.8	12.5	16.1	18.0	20.1			
170	20.2	15.1	15.9	15.3	11.7	18.4	20.6	22.4	23.0	22.9	21.1	19.0	12.4	15.4	16.6	16.4			
175	13.9	14.3	15.1	12.0	12.0	16.3	18.6	18.9	16.7	19.0	18.9	16.8	12.3	12.0	15.3	15.4			
180	11.5	11.9	12.4	12.3	12.3	12.3	12.1	11.9	11.5	11.9	12.3	12.4	12.3	12.2	12.2	12.0			

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