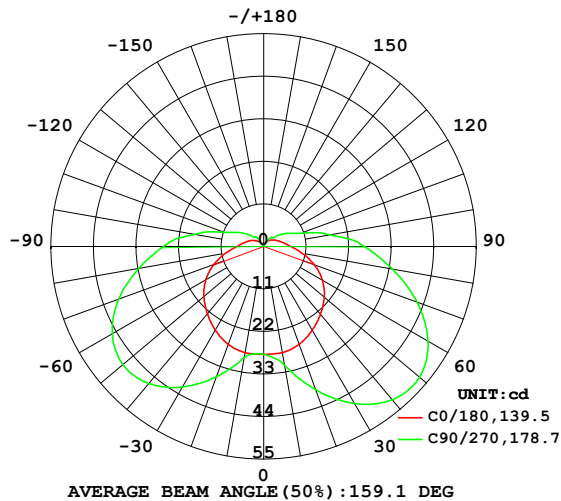


LUMINAIRE PHOTOMETRIC TEST REPORT

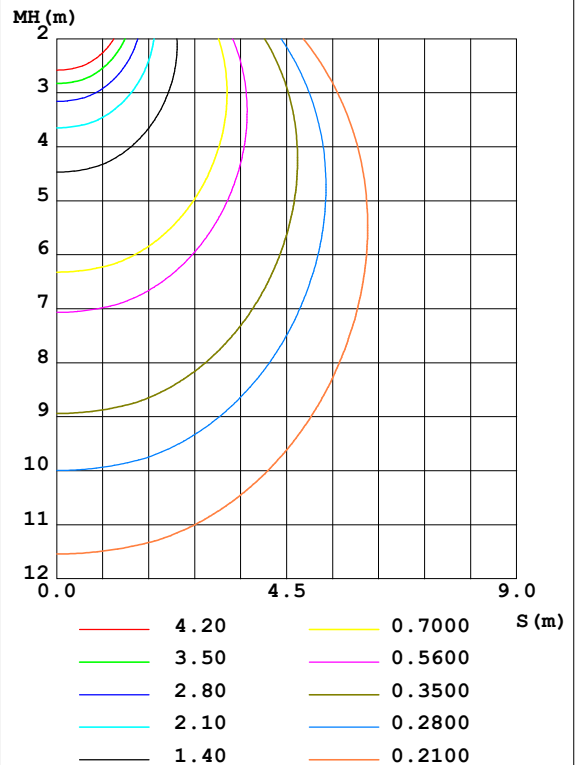
Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.29 lm/W			
MODEL	600-043	I _{max} (cd)	52.78	S/MH (C0/180)	1.33
NOMINAL POWER (W)	3W	LOR (%)	100.0	S/MH (C90/270)	2.25
RATED VOLTAGE (V)	220-240	TOTAL FLUX (lm)	240.36	η UP, DN (C0-180)	8.9, 42.4
NOMINAL FLUX (lm)	240.358	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	9.0, 39.8
LAMPS INSIDE	1	η up (%)	17.9	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	11.11	η down (%)	82.1	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.692m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

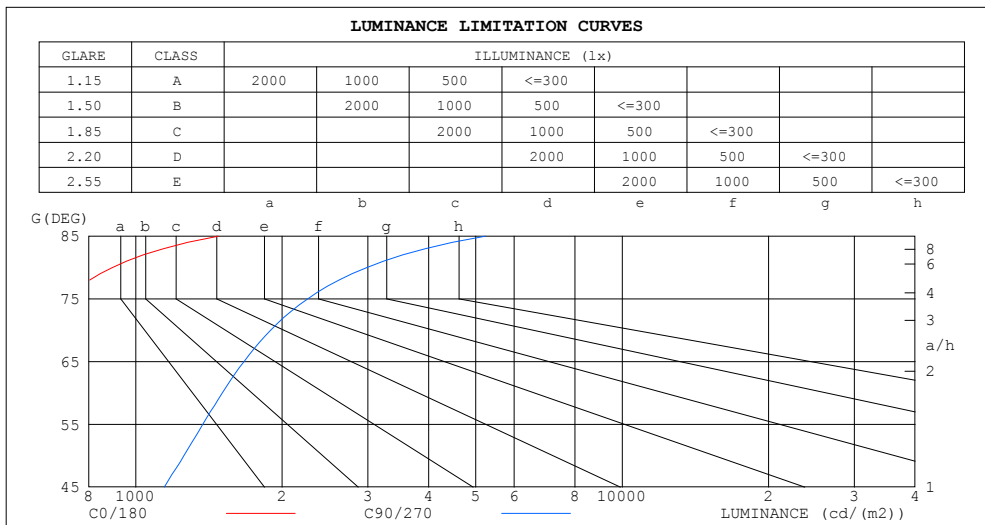
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	27.90	29.63	31.17	29.52	27.89	28.27	29.21	28.26	0- 10	2.711	2.711	1.13,1.13
20	26.91	34.46	39.43	33.93	26.93	31.90	35.83	31.60	10- 20	8.749	11.46	4.77,4.77
30	25.09	38.77	46.89	38.08	25.04	35.49	41.93	34.93	20- 30	15.86	27.32	11.4,11.4
40	22.90	41.14	51.73	40.32	22.73	37.62	46.25	36.78	30- 40	23.15	50.48	21,21
50	20.47	41.03	52.62	40.17	20.20	37.64	47.51	36.62	40- 50	29.18	79.66	33.1,33.1
60	17.58	38.22	49.07	37.39	17.31	35.55	45.23	34.50	50- 60	32.54	112.2	46.7,46.7
70	13.98	33.27	42.20	32.55	13.76	31.61	39.90	30.61	60- 70	32.40	144.6	60.2,60.2
80	10.07	27.27	33.77	26.66	9.941	26.44	32.79	25.62	70- 80	29.03	173.6	72.2,72.2
90	7.020	21.61	26.08	21.09	6.935	21.25	25.91	20.67	80- 90	23.78	197.4	82.1,82.1
100	5.353	15.06	17.53	14.20	5.341	14.58	18.19	14.92	90-100	18.03	215.4	89.6,89.6
110	4.219	9.156	9.989	8.225	4.206	8.472	10.71	9.269	100-110	11.18	226.6	94.3,94.3
120	3.386	5.842	6.795	4.924	3.184	5.229	7.249	5.913	110-120	6.532	233.1	97,97
130	2.659	3.825	4.157	3.208	2.210	3.279	4.530	3.889	120-130	3.774	236.9	98.6,98.6
140	2.039	2.034	3.171	1.516	1.595	1.292	3.331	1.704	130-140	2.066	239.0	99.4,99.4
150	1.430	0.7769	1.206	0.6533	1.069	0.5455	0.6652	0.7123	140-150	0.9126	239.9	99.8,99.8
160	0.7800	0.4685	0.3563	0.5761	0.6440	0.4684	0.3682	0.4276	150-160	0.3050	240.2	99.9,99.9
170	0.3487	0.3617	0.3682	0.3623	0.3368	0.3498	0.3444	0.3444	160-170	0.1230	240.3	100,100
180	0.3427	0.3498	0.3444	0.3444	0.3368	0.3439	0.3444	0.3385	170-180	0.0335	240.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2021-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.692m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1478	5232
80	895	2985
75	716	2257
70	631	1894
65	579	1668
60	542	1506
55	514	1374
50	491	1256
45	474	1144

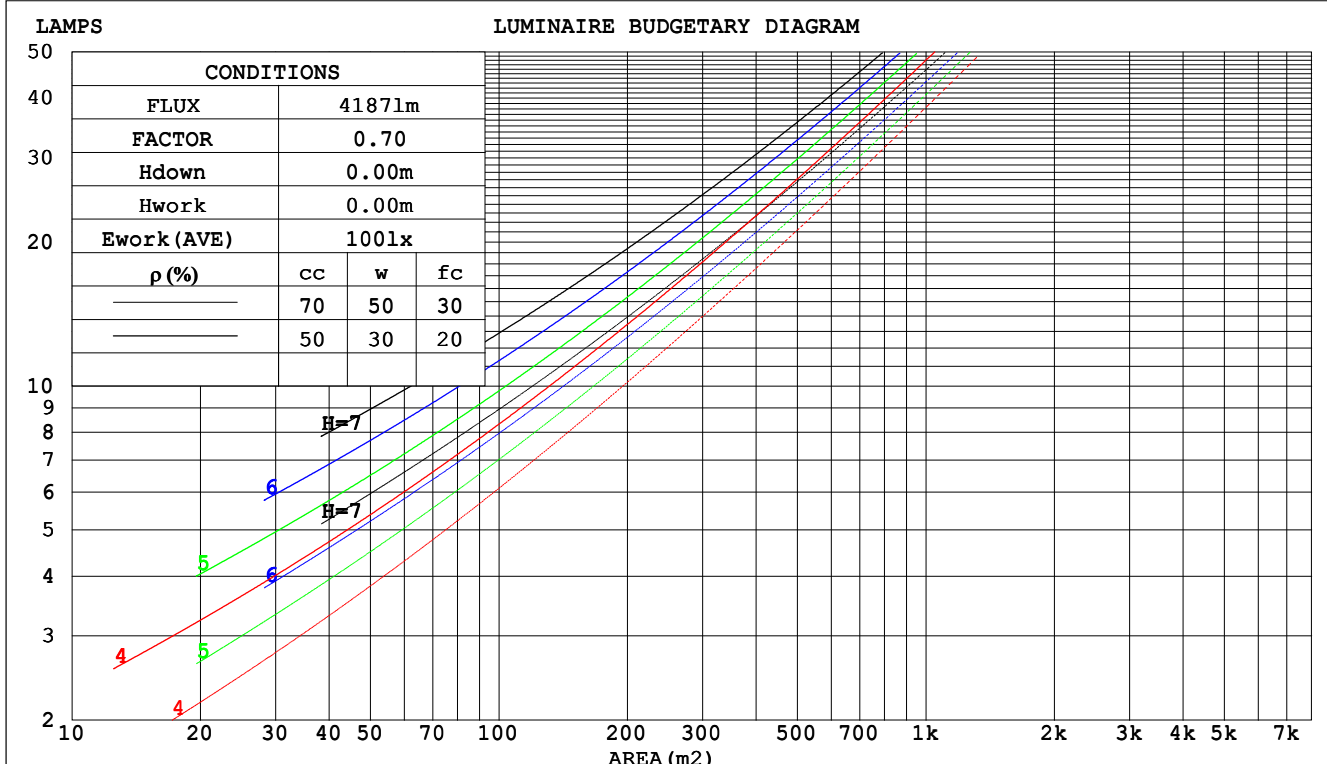
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2021-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.692m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	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	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.86	.86	.86	.82
1.0	.93	.87	.82	.89	.84	.79	.81	.77	.73	.74	.71	.67	.68	.65	.62	.59
2.0	.78	.70	.62	.75	.67	.60	.68	.62	.56	.62	.57	.52	.56	.52	.48	.45
3.0	.67	.57	.49	.64	.55	.48	.58	.51	.45	.53	.47	.41	.48	.43	.39	.35
4.0	.58	.48	.40	.56	.46	.39	.51	.43	.36	.46	.39	.34	.42	.36	.32	.29
5.0	.51	.41	.33	.49	.39	.32	.45	.37	.30	.41	.34	.28	.37	.31	.26	.24
6.0	.45	.35	.28	.43	.34	.27	.40	.32	.26	.36	.29	.24	.33	.27	.22	.20
7.0	.41	.31	.24	.39	.30	.24	.36	.28	.22	.33	.26	.21	.30	.24	.19	.17
8.0	.37	.27	.21	.35	.27	.21	.32	.25	.19	.30	.23	.18	.27	.21	.17	.15
9.0	.33	.25	.19	.32	.24	.18	.29	.22	.17	.27	.21	.16	.25	.19	.15	.13
10.0	.30	.22	.17	.29	.21	.16	.27	.20	.15	.25	.19	.14	.23	.17	.13	.11



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2021-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.692m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	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	.433	.246	.078	.420	.240	.076	.396	.227	.073	.374	.216	.069	.354	.205	.066		
2.0	.367	.201	.062	.355	.196	.060	.334	.186	.058	.314	.176	.055	.295	.167	.053		
3.0	.322	.171	.051	.311	.167	.050	.292	.158	.048	.273	.150	.046	.256	.142	.044		
4.0	.287	.149	.044	.277	.145	.043	.259	.138	.041	.243	.130	.039	.227	.123	.038		
5.0	.259	.132	.038	.250	.128	.037	.234	.122	.036	.219	.115	.034	.204	.109	.033		
6.0	.235	.118	.034	.228	.115	.033	.213	.109	.032	.199	.103	.030	.186	.098	.029		
7.0	.216	.107	.030	.209	.104	.030	.195	.099	.028	.183	.094	.027	.171	.089	.026		
8.0	.199	.097	.027	.193	.095	.027	.180	.090	.026	.169	.086	.025	.158	.081	.024		
9.0	.185	.090	.025	.179	.087	.024	.168	.083	.023	.157	.079	.023	.147	.075	.022		
10.0	.173	.083	.023	.167	.081	.023	.157	.077	.022	.147	.073	.021	.137	.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	.327	.327	.327	.279	.279	.279	.191	.191	.191	.109	.109	.109	.035	.035	.035	
1.0	.326	.292	.262	.279	.251	.225	.191	.173	.156	.110	.100	.091	.035	.032	.029	
2.0	.320	.270	.227	.275	.232	.196	.188	.161	.137	.108	.093	.080	.035	.030	.026	
3.0	.313	.254	.206	.269	.219	.179	.184	.152	.125	.107	.089	.074	.034	.029	.024	
4.0	.306	.241	.192	.262	.209	.167	.180	.145	.118	.104	.085	.070	.034	.028	.023	
5.0	.298	.232	.183	.256	.201	.159	.176	.140	.112	.102	.082	.067	.033	.027	.022	
6.0	.290	.224	.176	.249	.194	.154	.172	.136	.109	.100	.080	.065	.032	.026	.021	
7.0	.283	.217	.172	.243	.188	.150	.168	.132	.106	.098	.078	.063	.032	.025	.021	
8.0	.276	.212	.168	.237	.184	.147	.164	.129	.104	.096	.076	.062	.031	.025	.021	
9.0	.269	.207	.165	.232	.180	.144	.161	.126	.102	.094	.075	.061	.030	.024	.020	
10.0	.263	.203	.163	.227	.176	.142	.157	.124	.101	.092	.073	.060	.030	.024	.020	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2021-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.692m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm										
NAME: 600-043					TYPE: 3W			WEIGHT:		
SPEC.: 5000K					DIM.:			SERIAL No.:		
MFR.: Tronix Lighting					SUR.: 0.065			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	10.1	11.6	10.6	12.1	12.7	14.0	15.5	14.5	16.0	16.6
3H	12.1	13.4	12.6	14.0	14.6	16.8	18.1	17.3	18.7	19.3
4H	13.1	14.4	13.6	14.9	15.6	18.2	19.5	18.8	20.1	20.7
6H	14.0	15.3	14.6	15.9	16.5	19.7	20.9	20.3	21.5	22.2
8H	14.5	15.7	15.1	16.3	17.0	20.5	21.7	21.1	22.3	23.0
12H	15.1	16.2	15.7	16.8	17.5	21.5	22.6	22.1	23.2	23.9
4H 2H	12.0	13.3	12.5	13.8	14.5	14.5	15.8	15.1	16.4	17.0
3H	14.1	15.3	14.7	15.9	16.6	17.6	18.7	18.2	19.3	20.0
4H	15.3	16.3	15.9	17.0	17.7	19.2	20.3	19.8	20.9	21.6
6H	16.4	17.3	17.0	18.0	18.7	21.0	21.9	21.6	22.6	23.3
8H	16.9	17.8	17.6	18.5	19.3	21.9	22.8	22.6	23.4	24.2
12H	17.5	18.4	18.2	19.0	19.8	23.0	23.8	23.6	24.5	25.2
8H 4H	16.6	17.5	17.2	18.1	18.9	19.6	20.5	20.2	21.1	21.9
6H	18.1	18.8	18.8	19.5	20.3	21.6	22.4	22.3	23.1	23.9
8H	18.9	19.5	19.6	20.2	21.1	22.8	23.5	23.5	24.2	25.0
12H	19.7	20.3	20.4	21.0	21.8	24.1	24.7	24.8	25.5	26.3
12H 4H	17.0	17.8	17.6	18.5	19.3	19.6	20.5	20.3	21.1	21.9
6H	18.7	19.4	19.4	20.1	20.9	21.8	22.5	22.5	23.2	24.0
8H	19.6	20.2	20.3	20.9	21.8	23.1	23.7	23.8	24.4	25.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.5					+ 0.3 / - 0.4				

CIE Pub.117, 240.4 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -5.0)
Area: 0.065 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2021-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.692m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	Shielding Angle:

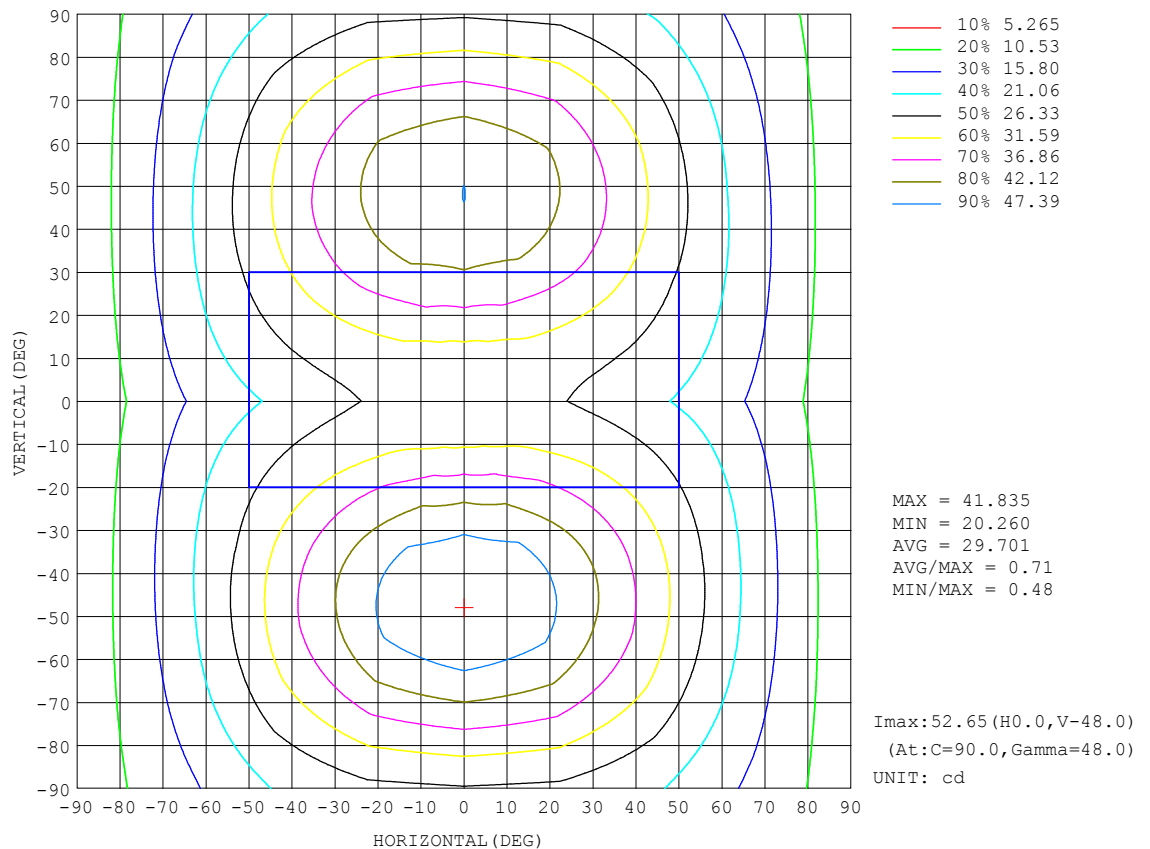
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	30	22	42	30	22	40	29	22	15
0.80	52	38	30	51	38	29	48	36	29	20
1.00	60	46	37	58	45	36	55	46	35	26
1.25	67	53	44	65	52	43	61	50	42	32
1.50	73	59	50	70	57	49	65	54	47	36
2.00	80	68	59	77	66	57	72	62	55	43
2.50	85	74	65	82	71	63	76	67	60	47
3.00	89	79	70	86	76	68	79	71	65	51
4.00	94	85	78	91	82	76	83	77	71	56
5.00	98	90	83	94	87	80	86	80	75	60
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: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2021-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 8.692m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	Shielding Angle:

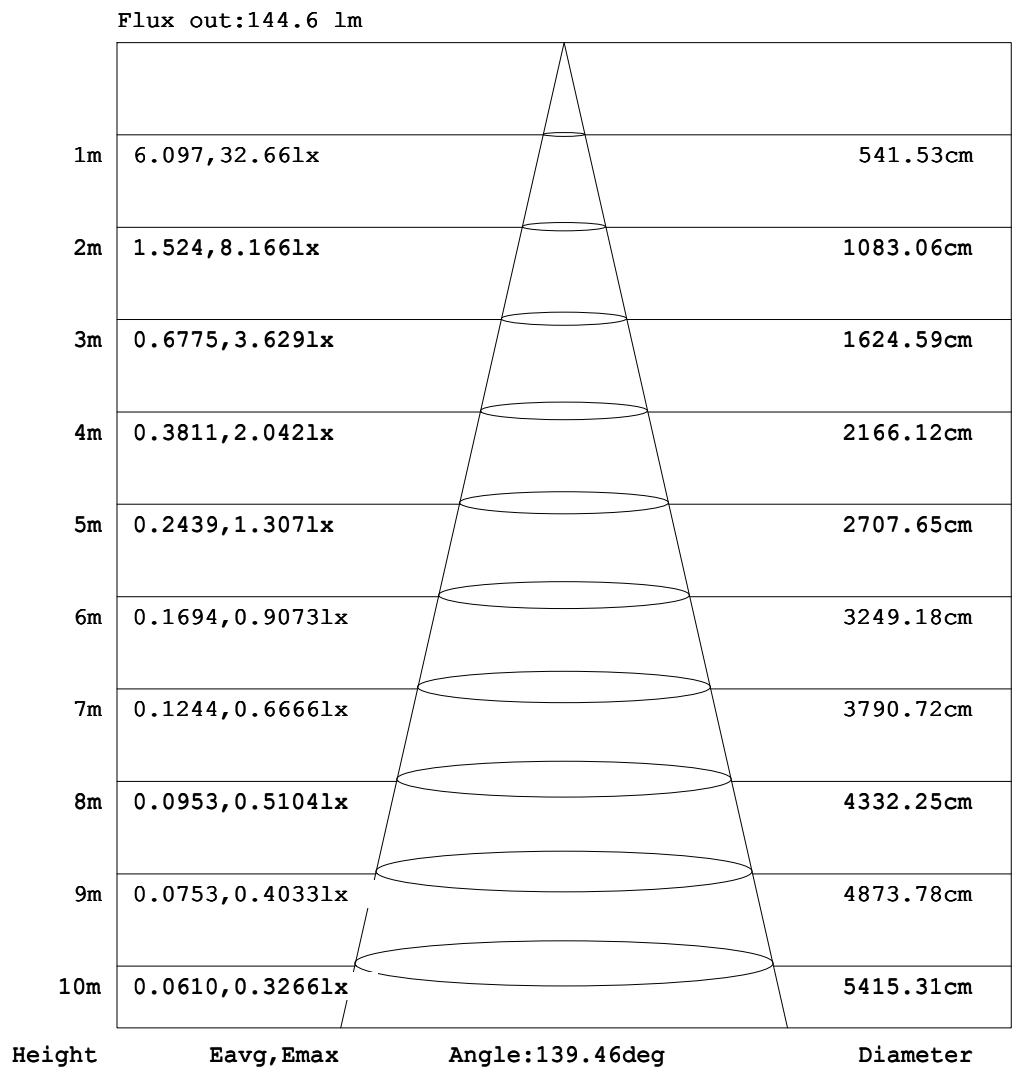


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.692m [K=1.0000]
 Remarks:

AAI Figure

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	Shielding Angle:



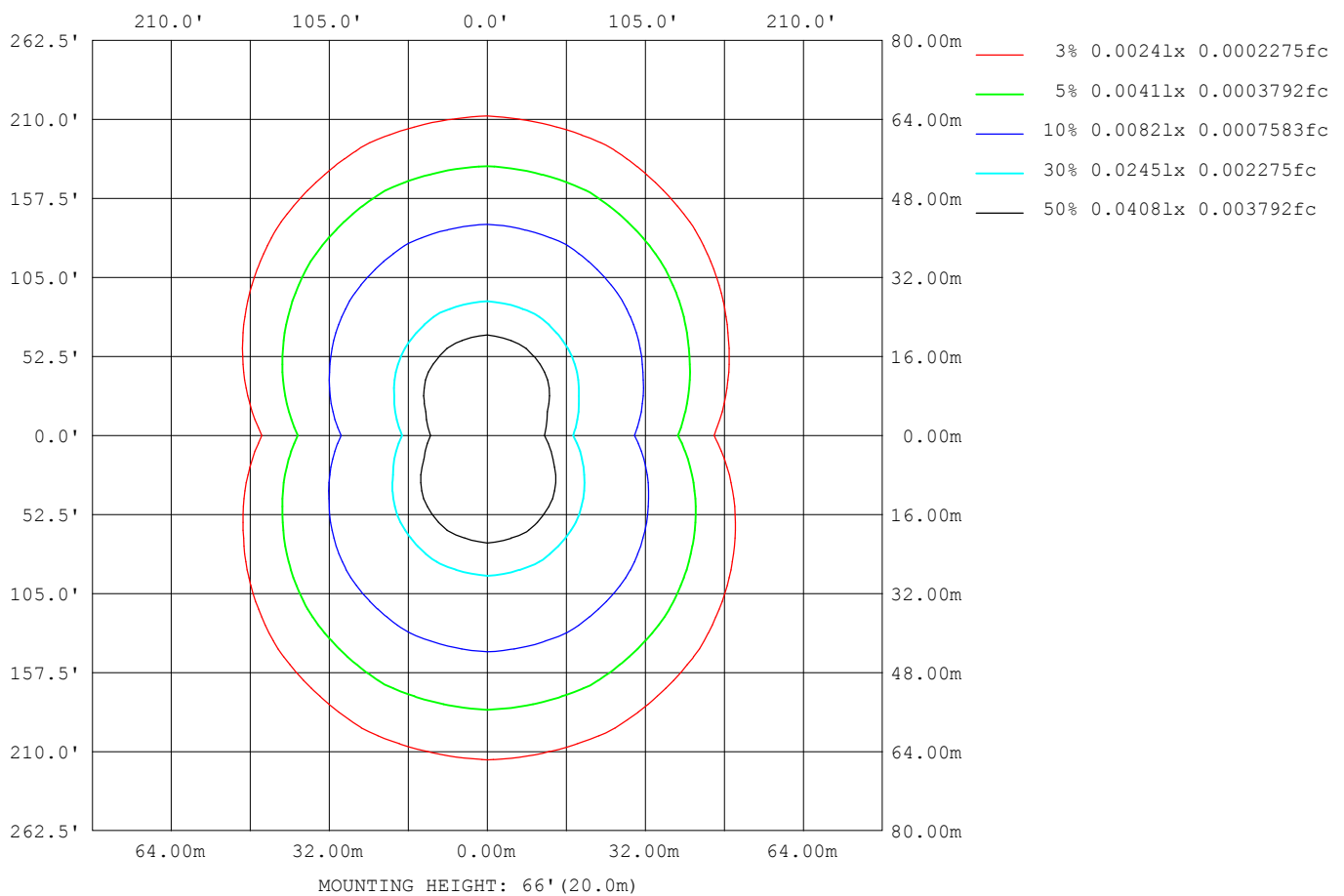
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2021-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.692m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test: U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux: 240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2021-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.692m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm		
NAME: 600-043	TYPE: 3W	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.: 0.065	Shielding Angle:

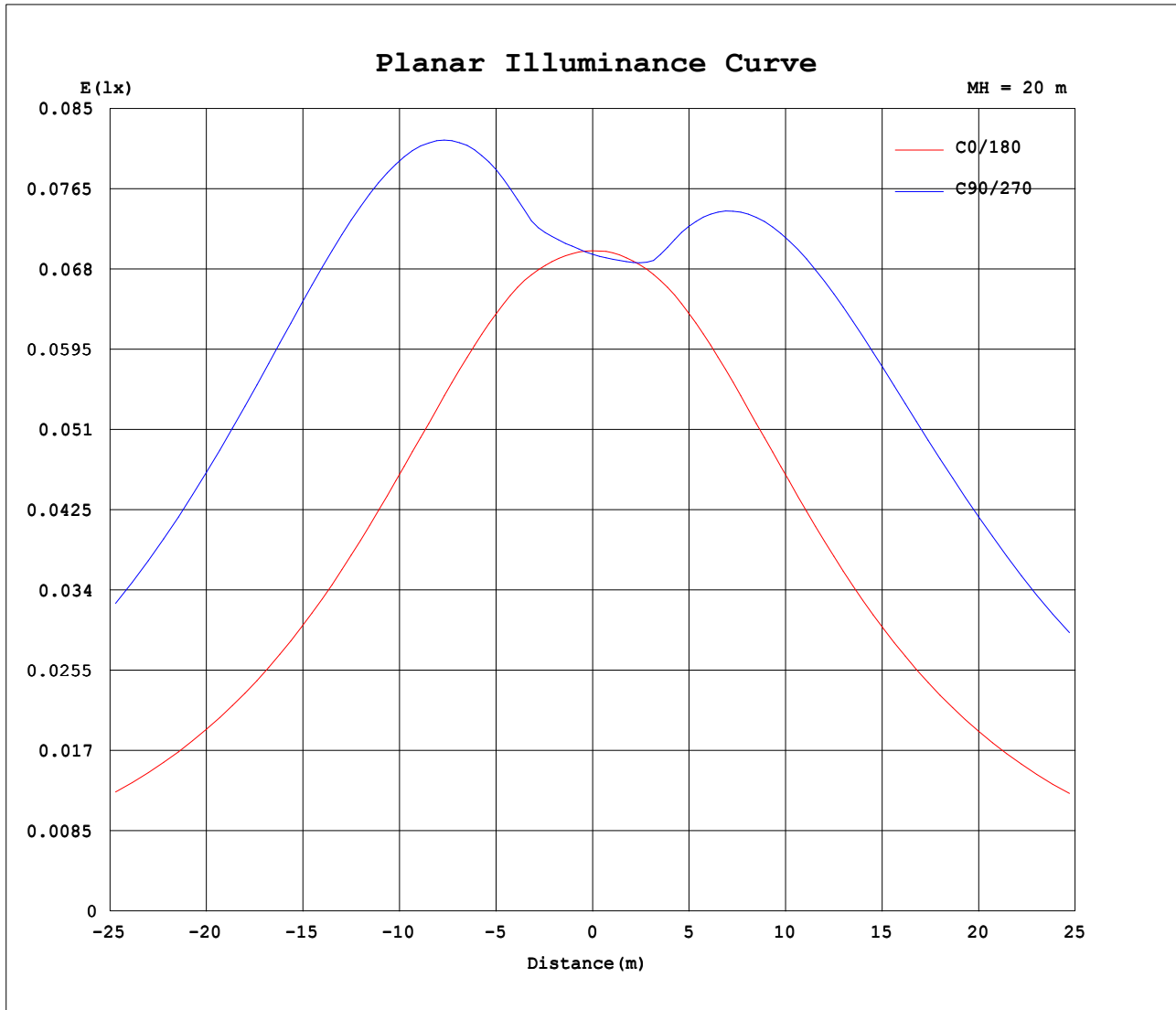
AvgL	cd/m2
L_0~180 (65) av	573
L_0~180 (75) av	709
L_0~180 (85) av	1464
L_90~270 (65) av	1617
L_90~270 (75) av	2215
L_90~270 (85) av	5201
L_45 (65) av	1252
L_45 (75) av	1744
L_45 (85) av	4183

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2021-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.692m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.692m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:11.110V I:0.1450A P:1.6100W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:240.358x1 lm																	
NAME: 600-043									TYPE: 3W						WEIGHT:		
SPEC.: 5000K									DIM.:						SERIAL No.:		
MFR.: Tronix Lighting									SUR.: 0.065						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	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9			
5	27.9	28.2	28.5	28.8	28.8	28.7	28.5	28.2	27.9	27.8	27.9	27.8	27.9	27.8	27.9	27.8			
10	27.9	28.6	29.6	30.7	31.2	30.5	29.5	28.6	27.9	27.8	28.3	28.7	29.2	28.7	28.3	27.8			
15	27.6	28.9	31.8	34.4	35.3	34.2	31.4	28.8	27.6	27.8	29.7	31.7	32.5	31.6	29.6	27.7			
20	26.9	29.2	34.5	38.2	39.4	37.9	33.9	28.8	26.9	27.7	31.9	34.8	35.8	34.6	31.6	27.5			
25	26.1	29.8	36.8	41.8	43.4	41.4	36.2	29.0	26.1	28.0	33.9	37.7	39.0	37.5	33.4	27.5			
30	25.1	30.4	38.8	44.9	46.9	44.5	38.1	29.4	25.0	28.4	35.5	40.3	41.9	40.0	34.9	27.8			
35	24.0	30.7	40.3	47.4	49.7	47.0	39.5	29.6	23.9	28.7	36.8	42.5	44.4	42.1	36.1	27.9			
40	22.9	30.7	41.1	49.2	51.7	48.7	40.3	29.5	22.7	28.7	37.6	44.1	46.2	43.6	36.8	28.0			
45	21.7	30.4	41.4	50.0	52.7	49.5	40.6	29.2	21.5	28.5	37.9	45.0	47.4	44.4	36.9	27.6			
50	20.5	29.7	41.0	49.8	52.6	49.3	40.2	28.5	20.2	28.0	37.6	45.2	47.5	44.5	36.6	27.1			
55	19.1	28.7	39.9	48.6	51.3	48.1	39.1	27.5	18.8	27.1	36.9	44.5	46.8	43.9	35.8	26.2			
60	17.6	27.3	38.2	46.5	49.1	46.1	37.4	26.2	17.3	25.9	35.5	43.1	45.2	42.4	34.5	25.0			
65	15.9	25.6	35.9	43.7	45.9	43.3	35.2	24.5	15.6	24.4	33.8	40.9	42.9	40.3	32.7	23.5			
70	14.0	23.6	33.3	40.3	42.2	39.9	32.5	22.5	13.8	22.7	31.6	38.2	39.9	37.6	30.6	21.7			
75	12.0	21.3	30.3	36.5	38.1	36.1	29.7	20.3	11.8	20.7	29.1	35.0	36.5	34.5	28.2	19.7			
80	10.1	19.0	27.3	32.5	33.8	32.2	26.7	18.1	9.94	18.5	26.4	31.7	32.8	31.2	25.6	17.6			
85	8.35	16.7	24.3	28.8	29.7	28.5	23.7	15.8	8.23	16.4	23.8	28.3	29.2	27.9	23.0	15.5			
90	7.02	14.6	21.6	25.4	26.1	25.2	21.1	13.8	6.94	14.5	21.2	25.2	25.9	24.9	20.7	13.6			
95	6.09	12.8	18.6	21.8	22.4	21.6	18.0	11.9	6.08	12.6	18.2	22.0	22.8	21.9	18.2	12.0			
100	5.35	10.4	15.1	17.1	17.5	16.8	14.2	9.54	5.34	10.2	14.6	17.4	18.2	17.6	14.9	9.92			
105	4.74	8.29	11.3	13.3	14.0	12.7	10.5	7.54	4.74	8.05	10.8	13.5	14.7	13.8	11.4	8.02			
110	4.22	6.61	9.16	9.65	9.99	9.22	8.22	5.92	4.21	6.38	8.47	9.80	10.7	10.2	9.27	6.41			
115	3.77	5.28	7.40	7.94	8.20	7.50	6.48	4.67	3.70	5.03	6.73	8.00	8.69	8.41	7.51	5.12			
120	3.39	4.20	5.84	6.43	6.80	6.01	4.92	3.64	3.18	3.89	5.23	6.48	7.25	6.86	5.91	4.10			
125	3.00	3.35	4.50	5.03	5.49	4.65	3.78	2.80	2.68	2.96	3.90	5.11	5.90	5.39	4.63	3.32			
130	2.66	2.68	3.83	3.57	4.16	3.13	3.21	2.19	2.21	2.22	3.28	3.74	4.53	3.89	3.89	2.72			
135	2.37	2.33	2.92	3.03	3.25	2.94	2.29	1.89	1.88	1.88	2.30	3.18	3.46	3.27	2.74	2.37			
140	2.04	1.94	2.03	2.65	3.17	2.48	1.52	1.53	1.60	1.55	1.29	2.80	3.33	2.67	1.70	1.97			
145	1.72	1.57	1.13	1.57	2.15	1.49	0.84	1.21	1.31	1.24	0.76	1.14	2.04	1.00	1.09	1.62			
150	1.43	1.22	0.78	0.66	1.21	0.62	0.65	0.96	1.07	1.01	0.55	0.69	0.67	0.65	0.71	1.26			
155	1.10	0.89	0.58	0.34	0.42	0.35	0.61	0.79	0.84	0.81	0.52	0.38	0.43	0.37	0.52	0.88			
160	0.78	0.64	0.47	0.34	0.36	0.35	0.58	0.65	0.64	0.67	0.47	0.37	0.37	0.36	0.43	0.67			
165	0.52	0.43	0.37	0.34	0.37	0.35	0.47	0.52	0.54	0.56	0.39	0.37	0.41	0.36	0.34	0.47			
170	0.35	0.34	0.36	0.34	0.37	0.35	0.36	0.34	0.34	0.37	0.35	0.37	0.34	0.36	0.34	0.36			
175	0.34	0.34	0.36	0.34	0.37	0.35	0.37	0.34	0.34	0.35	0.34	0.37	0.34	0.36	0.34	0.36			
180	0.34	0.34	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34			

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