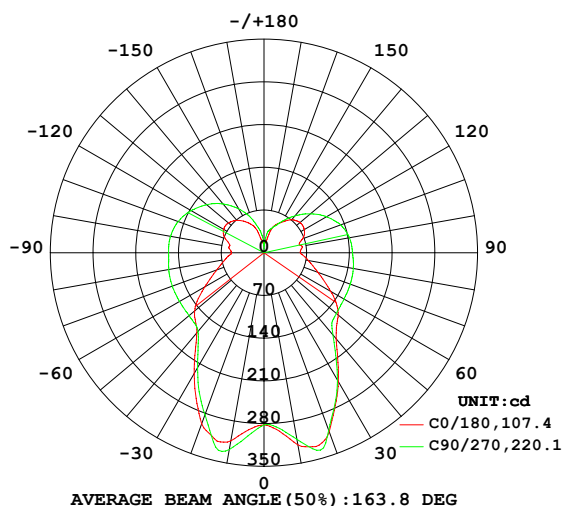
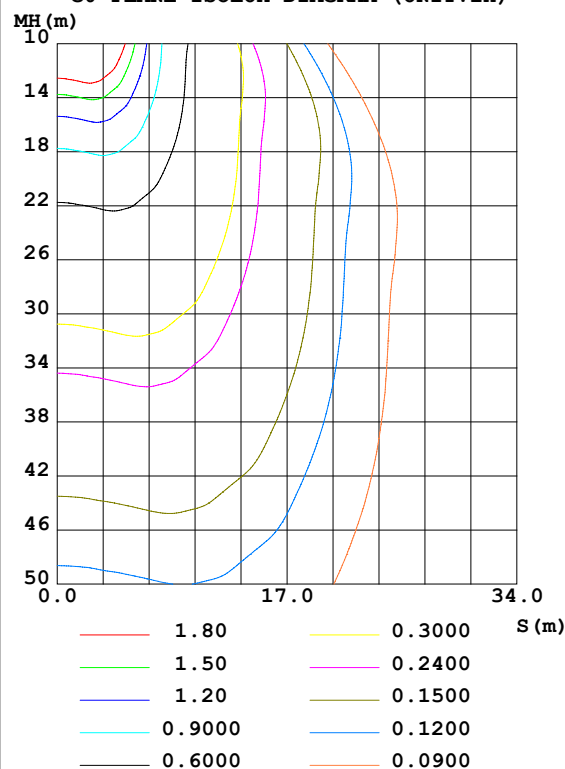


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm		
NAME:4904BN-3	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.03 lm/W			
MODEL	4904-3	Imax (cd)	341.6	S/MH (C0/180)	1.25
NOMINAL POWER (W)	25	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1764.7	η UP,DN (C0-180)	20.6,30.8
NOMINAL FLUX (lm)	1764.72	CIE CLASS	SEMI-D.	η 4UP,DN (C180-360)	17.8,30.8
LAMPS INSIDE	1	η up (%)	38.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	61.6	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.2DEG
Operators:Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.447m [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	312.8	322.0	327.4	323.1	319.5	315.1	310.3	307.7	0- 10	28.81	28.81	1.63,1.63
20	298.3	285.4	282.8	295.6	312.3	317.0	309.7	305.4	10- 20	90.28	119.1	6.75,6.75
30	228.9	220.4	217.7	229.6	243.7	246.4	240.7	237.2	20- 30	122.5	241.6	13.7,13.7
40	171.3	167.5	168.2	177.7	184.2	182.4	176.0	175.4	30- 40	126.1	367.6	20.8,20.8
50	148.4	159.2	160.4	164.3	158.8	160.4	155.0	155.6	40- 50	127.0	494.7	28,28
60	112.3	158.9	159.8	162.7	125.9	156.9	151.6	153.0	50- 60	139.2	633.9	35.9,35.9
70	82.40	159.4	159.9	162.9	94.23	155.9	150.5	152.3	60- 70	147.9	781.8	44.3,44.3
80	64.74	158.2	158.4	161.0	73.95	153.9	148.7	150.9	70- 80	152.9	934.7	53,53
90	53.72	156.1	156.4	158.4	59.57	150.1	145.1	147.3	80- 90	152.5	1087	61.6,61.6
100	58.23	155.5	155.5	157.5	63.35	147.3	142.4	143.9	90-100	150.0	1237	70.1,70.1
110	67.30	149.2	149.7	150.9	67.33	137.1	133.7	133.2	100-110	140.9	1378	78.1,78.1
120	76.45	137.4	138.1	139.1	76.32	120.4	118.3	116.3	110-120	123.8	1502	85.1,85.1
130	76.16	121.7	122.7	122.4	77.25	101.5	99.51	97.54	120-130	100.1	1602	90.8,90.8
140	69.41	102.7	104.6	103.1	70.66	80.71	78.97	79.37	130-140	73.69	1676	95,95
150	58.39	80.77	83.15	80.48	57.58	60.07	59.78	61.74	140-150	48.40	1724	97.7,97.7
160	44.76	56.39	59.90	55.41	45.78	45.50	45.00	44.91	150-160	27.22	1751	99.2,99.2
170	20.54	34.29	36.74	27.88	18.49	19.54	34.75	34.87	160-170	11.37	1763	99.9,99.9
180	19.99	20.33	0	21.91	19.92	19.93	15.74	16.86	170-180	2.127	1765	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 56.1 %									UNIT:lm		

Conical surface Flux(90deg): 429.82 lm

%lum = 24.4%

%lamp = 24.4%

Conical surface Flux(120deg): 633.91 lm

%lum = 35.9%

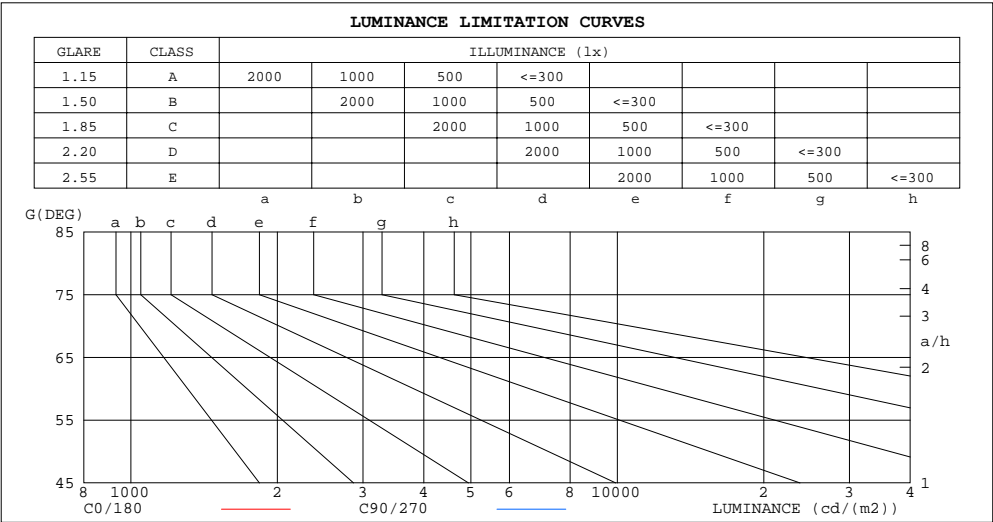
%lamp = 35.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm		
NAME: 4904BN-3	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6799178	17974986
80	3748122	9112149
75	2817029	6156907
70	2422058	4669941
65	2270751	3779740
60	2257157	3191949
55	2305994	2784261
50	2321284	2492164
45	2256220	2288898

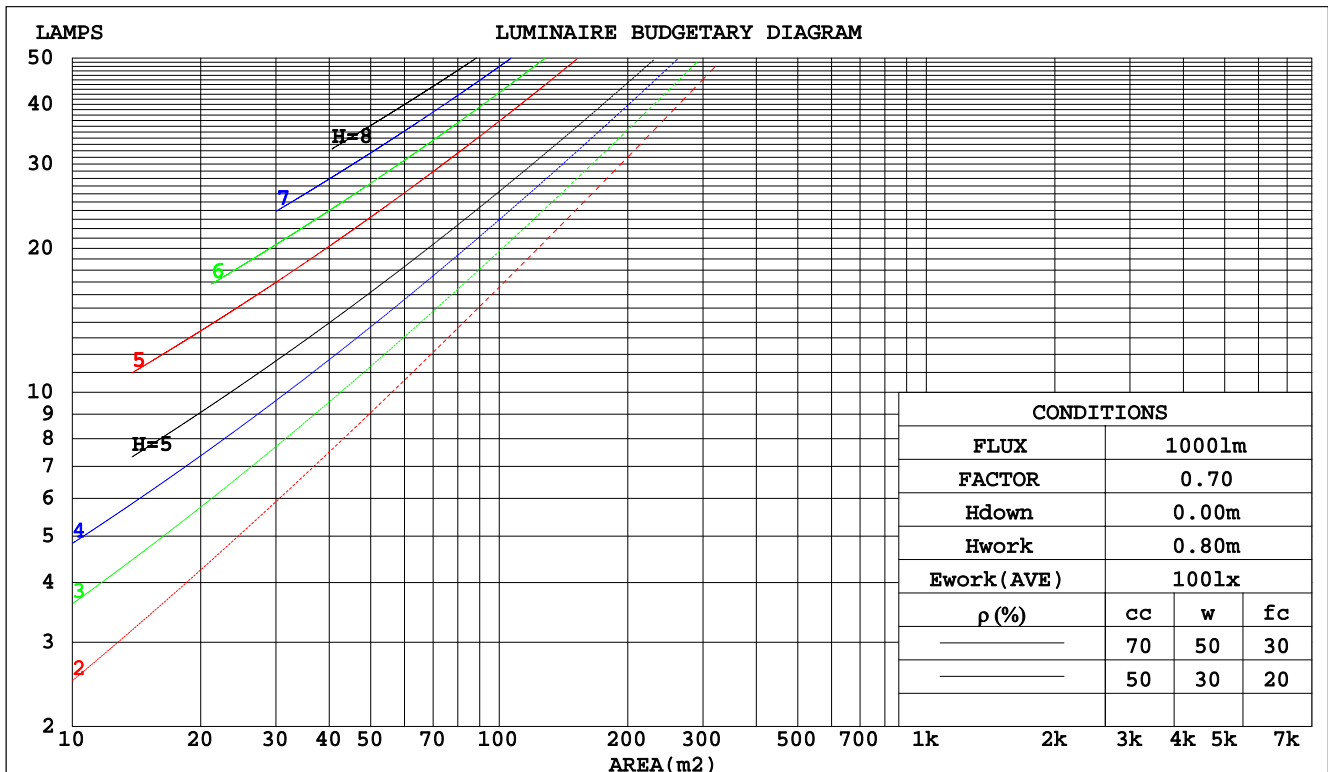
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.2DEG
Operators:Monkey

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.447m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm		
NAME: 4904BN-3	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

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	1.10	1.10	1.10	1.03	1.03	1.03	.90	.90	.90	.78	.78	.78	.67	.67	.67	.62
1.0	.91	.85	.80	.84	.80	.75	.73	.69	.66	.63	.60	.57	.53	.51	.49	.44
2.0	.77	.70	.63	.72	.65	.59	.62	.57	.52	.53	.49	.45	.45	.42	.39	.35
3.0	.67	.58	.51	.63	.55	.49	.54	.48	.43	.46	.41	.37	.39	.35	.32	.28
4.0	.59	.50	.43	.55	.47	.41	.48	.41	.36	.41	.36	.31	.35	.31	.27	.24
5.0	.53	.43	.37	.49	.41	.35	.43	.36	.31	.37	.31	.27	.31	.27	.23	.20
6.0	.47	.38	.32	.44	.36	.30	.39	.32	.27	.33	.28	.24	.28	.24	.21	.18
7.0	.43	.34	.28	.40	.32	.26	.35	.28	.24	.30	.25	.21	.26	.22	.18	.16
8.0	.39	.30	.25	.36	.29	.23	.32	.26	.21	.28	.23	.19	.24	.20	.16	.14
9.0	.35	.27	.22	.33	.26	.21	.29	.23	.19	.26	.20	.17	.22	.18	.15	.13
10.0	.33	.25	.20	.31	.24	.19	.27	.21	.17	.24	.19	.15	.21	.16	.13	.11



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm								
NAME:4904BN-3			TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A			DIM.: N/A			SERIAL No.:N/A		
MFR.:			SUR.:N/A			Shielding Angle:N/A		

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	.389	.221	.070	.370	.211	.067	.335	.192	.061	.302	.174	.056	.272	.158	.051		
2.0	.328	.180	.055	.311	.171	.053	.279	.155	.048	.249	.140	.044	.222	.125	.040		
3.0	.288	.153	.046	.272	.146	.044	.243	.132	.040	.216	.118	.036	.191	.106	.033		
4.0	.257	.134	.039	.243	.127	.038	.216	.115	.034	.191	.103	.031	.168	.091	.028		
5.0	.233	.119	.034	.220	.113	.033	.196	.102	.030	.173	.091	.027	.151	.081	.024		
6.0	.213	.107	.031	.201	.102	.029	.179	.092	.027	.157	.082	.024	.138	.072	.022		
7.0	.196	.097	.028	.185	.092	.026	.164	.083	.024	.145	.074	.022	.126	.066	.019		
8.0	.182	.089	.025	.172	.085	.024	.152	.076	.022	.134	.068	.020	.117	.060	.018		
9.0	.169	.082	.023	.160	.078	.022	.142	.070	.020	.125	.063	.018	.109	.055	.016		
10.0	.159	.076	.021	.150	.072	.020	.133	.065	.018	.117	.058	.017	.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	.483	.483	.483	.413	.413	.413	.282	.282	.282	.162	.162	.162	.052	.052	.052	
1.0	.481	.450	.423	.411	.387	.364	.281	.266	.252	.162	.154	.146	.052	.050	.047	
2.0	.474	.429	.391	.406	.369	.338	.278	.255	.235	.160	.149	.138	.051	.048	.045	
3.0	.466	.413	.370	.400	.356	.321	.275	.247	.225	.159	.145	.133	.051	.047	.043	
4.0	.459	.401	.357	.394	.346	.310	.271	.241	.218	.157	.141	.129	.050	.046	.042	
5.0	.451	.392	.348	.387	.339	.302	.267	.237	.214	.155	.139	.127	.050	.045	.042	
6.0	.444	.384	.341	.382	.333	.297	.263	.233	.210	.153	.137	.125	.049	.045	.041	
7.0	.437	.378	.336	.376	.327	.293	.260	.230	.208	.151	.135	.124	.049	.044	.041	
8.0	.431	.372	.332	.371	.323	.290	.256	.227	.206	.149	.134	.122	.048	.044	.041	
9.0	.425	.368	.329	.366	.319	.287	.253	.224	.204	.148	.132	.122	.048	.043	.040	
10.0	.419	.364	.327	.361	.316	.285	.251	.222	.203	.146	.131	.121	.047	.043	.040	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.2DEG
Operators:Monkey

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.447m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm											
NAME:4904BN-3					TYPE:N/A			WEIGHT:N/A			
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A			
MFR.:					SUR.:N/A			Shielding Angle:N/A			
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		37.2	38.4	38.0	39.1	40.0	37.8	38.9	38.5	39.7	40.6
	3H	39.6	40.6	40.4	41.4	42.4	41.0	42.0	41.7	42.8	43.8
	4H	40.8	41.8	41.6	42.6	43.6	42.8	43.7	43.5	44.6	45.5
	6H	42.0	42.9	42.8	43.7	44.8	44.8	45.7	45.6	46.5	47.5
	8H	42.6	43.5	43.4	44.4	45.4	45.9	46.8	46.7	47.6	48.6
	12H	43.3	44.2	44.2	45.0	46.1	47.2	48.0	48.0	48.9	49.9
4H	2H	38.4	39.4	39.2	40.2	41.2	38.8	39.8	39.6	40.6	41.6
	3H	41.2	42.1	42.1	42.9	44.0	42.1	42.9	42.9	43.8	44.8
	4H	42.8	43.6	43.6	44.4	45.5	44.0	44.8	44.9	45.7	46.7
	6H	44.4	45.1	45.2	45.9	47.0	46.2	46.9	47.1	47.8	48.9
	8H	45.1	45.8	46.0	46.7	47.8	47.4	48.0	48.3	48.9	50.1
	12H	45.9	46.5	46.8	47.4	48.5	48.8	49.4	49.7	50.3	51.4
8H	4H	43.8	44.5	44.7	45.4	46.5	44.7	45.4	45.6	46.3	47.4
	6H	45.9	46.5	46.8	47.4	48.5	47.2	47.7	48.1	48.6	49.8
	8H	47.0	47.5	48.0	48.5	49.6	48.6	49.1	49.5	50.0	51.1
	12H	48.2	48.6	49.1	49.6	50.7	50.2	50.6	51.1	51.5	52.7
12H	4H	44.1	44.7	45.0	45.6	46.8	44.9	45.5	45.8	46.4	47.6
	6H	46.4	46.9	47.3	47.8	49.0	47.5	48.0	48.4	48.9	50.1
	8H	47.7	48.1	48.6	49.1	50.3	49.0	49.4	49.9	50.4	51.5
Variations with the observer position at spacings:											
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 Corrected 1765 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.0)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.2DEG
Operators:Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.447m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm		
NAME:4904BN-3	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

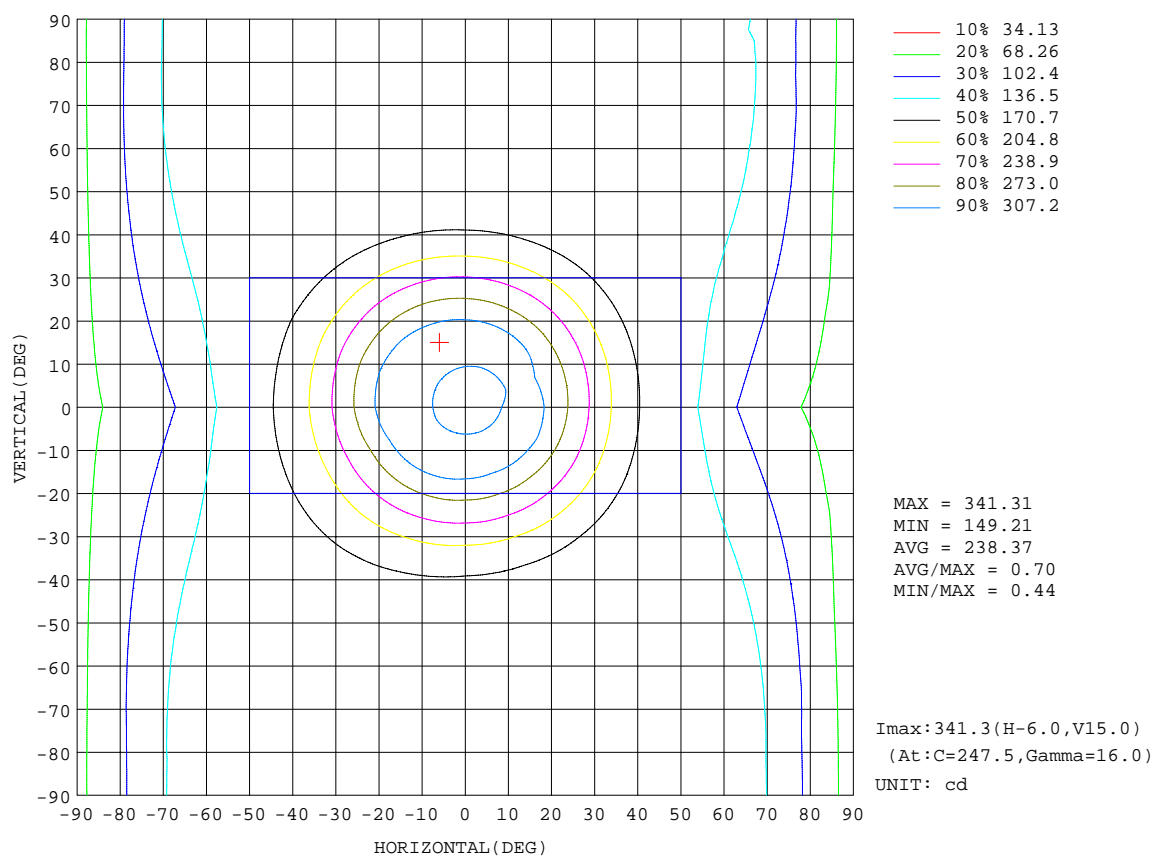
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	23	38	28	22	15
0.80	51	38	30	49	37	29	45	35	28	19
1.00	58	45	36	55	43	35	50	42	33	23
1.25	65	52	43	61	50	41	55	45	38	27
1.50	70	57	48	66	54	46	59	50	43	29
2.00	77	65	56	73	62	54	64	56	49	34
2.50	82	71	62	77	67	59	68	60	54	37
3.00	86	75	67	80	71	64	71	64	58	39
4.00	90	82	75	85	77	71	74	68	63	43
5.00	94	86	79	88	81	75	77	72	67	45
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: 10.0deg/s
 Temperature:25.2DEG
 Operators:Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm		
NAME: 4904BN-3	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

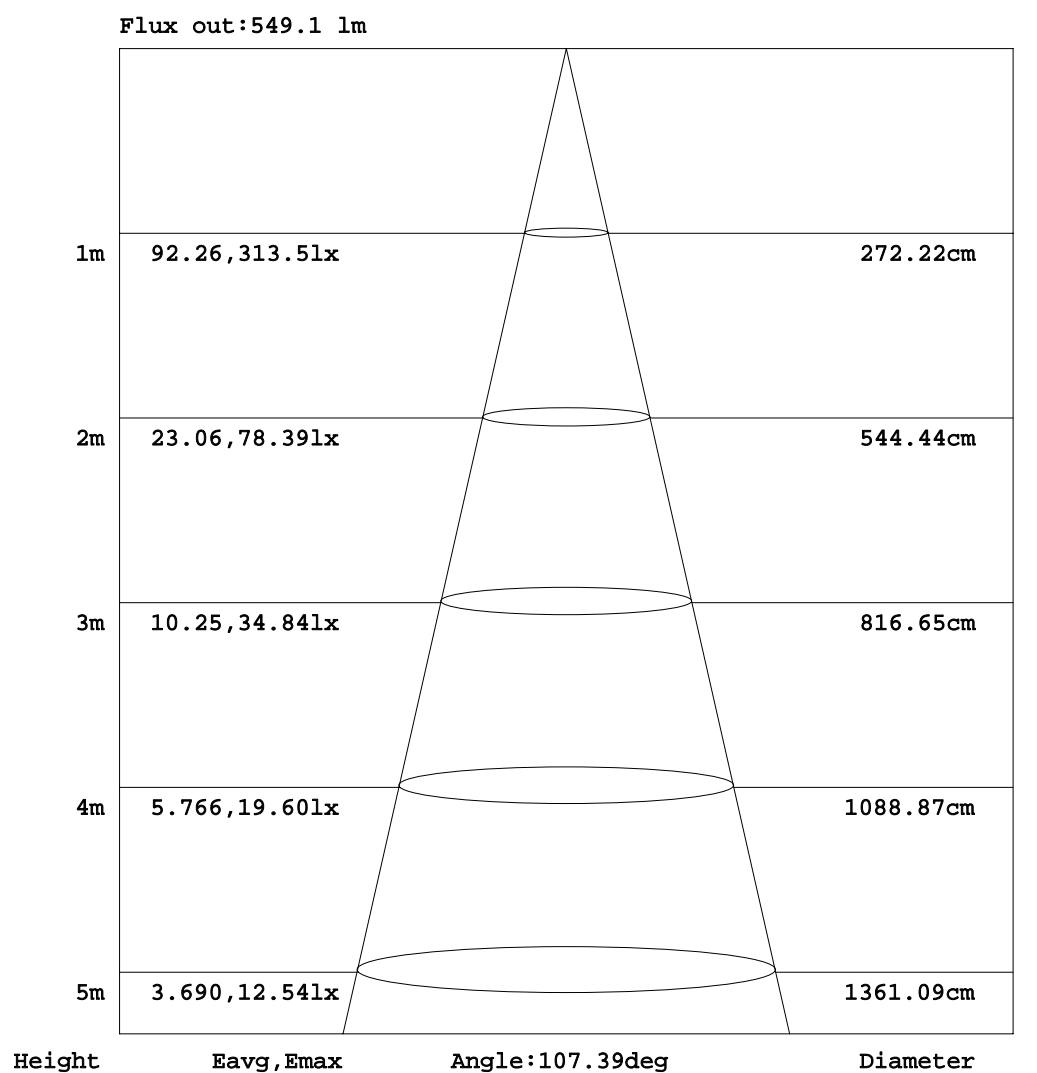


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm		
NAME: 4904BN-3	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



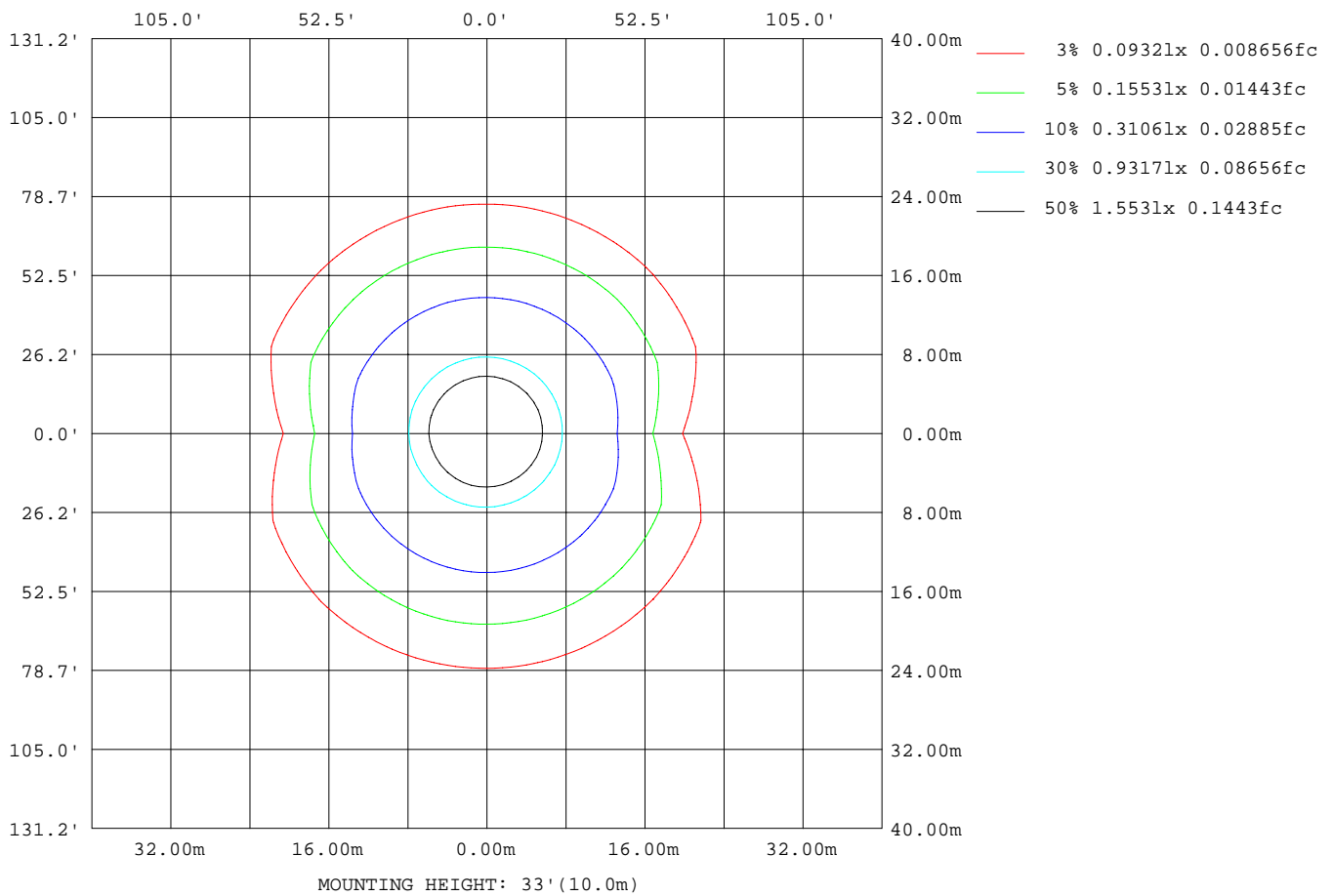
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.447m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm		
NAME: 4904BN-3	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.2DEG
Operators:Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.447m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm		
NAME: 4904BN-3	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

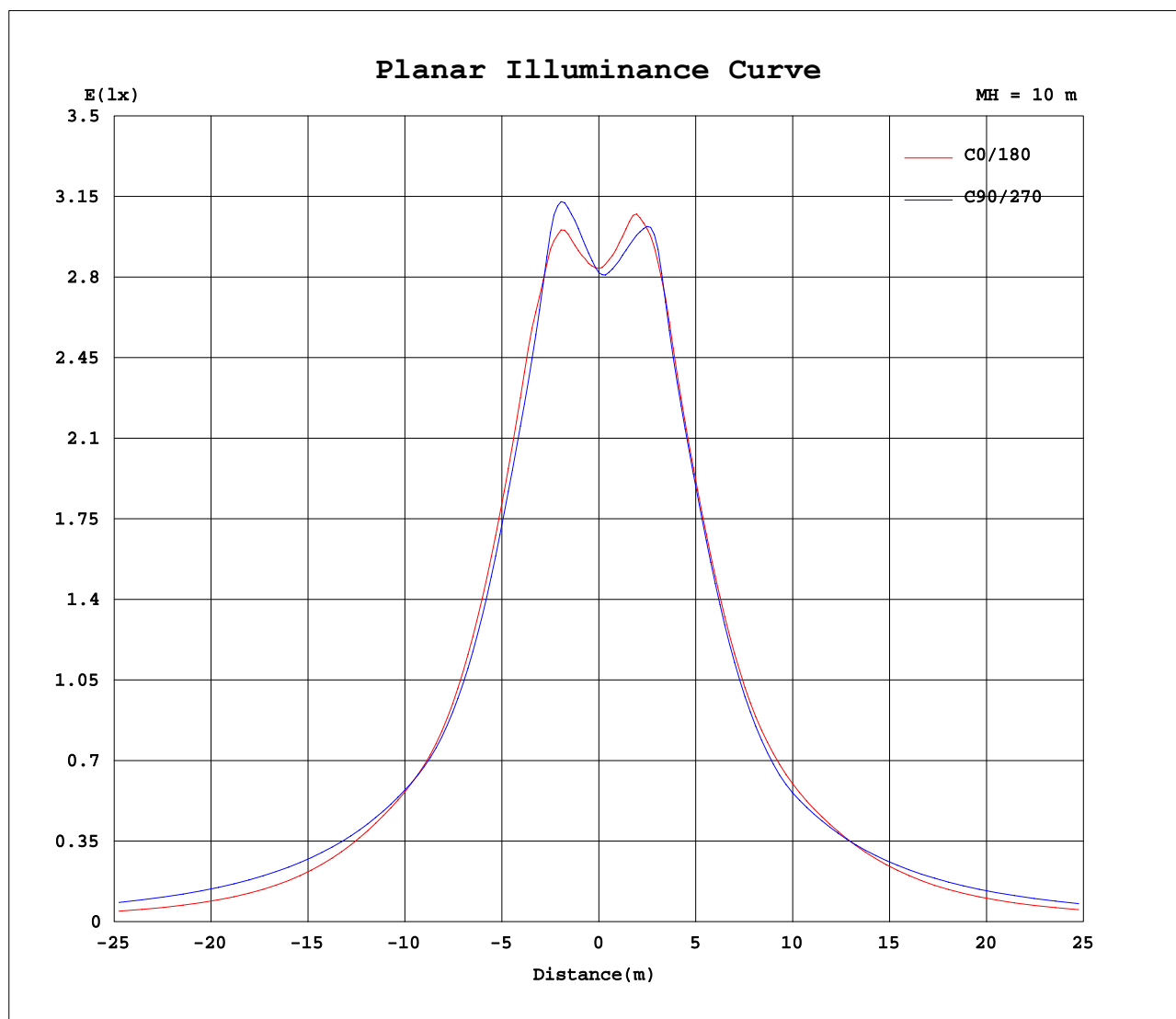
AvgL	cd/m2
L_0~180 (65) av	2413885
L_0~180 (75) av	3000343
L_0~180 (85) av	7186051
L_90~270 (65) av	3678696
L_90~270 (75) av	5975683
L_90~270 (85) av	17425135
L_45 (65) av	3730082
L_45 (75) av	6066045
L_45 (85) av	17698579

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.2DEG
Operators:Monkey

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.447m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature: 25.2DEG
Operators: Monkey

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 45%
Test Distance: 2.447m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2088A P:24.50W PF:0.9776 Lamp Flux:1764.72x1 lm																	
NAME: 4904BN-3									TYPE:N/A						WEIGHT:N/A		
SPEC.:N/A									DIM.: N/A						SERIAL No.:N/A		
MFR.:									SUR.:N/A						Shielding Angle:N/A		

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	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282			
5	291	294	298	300	301	301	299	296	294	292	291	290	289	288	287	288			
10	313	317	322	325	327	326	323	321	320	318	315	313	310	309	308	307			
15	315	318	323	320	321	324	324	325	329	331	336	339	335	327	321	316			
20	298	293	285	282	283	288	296	303	312	317	317	313	310	308	305	302			
25	263	259	254	251	251	255	262	269	276	280	280	278	275	273	271	269			
30	229	225	220	217	218	223	230	237	244	247	246	243	241	238	237	235			
35	196	194	190	187	188	193	199	205	211	213	211	208	205	204	203	202			
40	171	170	167	166	168	173	178	182	184	185	182	179	176	175	175	175			
45	159	161	161	161	162	164	167	169	169	168	165	161	159	159	160	161			
50	148	158	159	160	160	162	164	165	159	164	160	157	155	155	156	157			
55	132	157	159	159	160	161	163	162	145	161	158	155	153	153	154	153			
60	112	155	159	159	160	161	163	159	126	159	157	154	152	152	153	149			
65	95.5	154	159	159	160	161	163	156	109	157	156	153	151	151	152	147			
70	82.4	153	159	160	160	161	163	153	94.2	155	156	152	150	151	152	144			
75	72.5	152	159	159	160	161	162	151	82.8	154	155	152	150	150	152	143			
80	64.7	149	158	158	158	160	161	148	73.9	152	154	150	149	149	151	141			
85	58.9	147	157	157	157	158	159	145	66.3	149	152	149	147	147	149	139			
90	53.7	146	156	156	156	158	158	144	59.6	147	150	147	145	145	147	136			
95	55.5	147	156	157	156	158	159	145	60.8	144	150	146	144	144	146	134			
100	58.2	147	155	156	156	157	158	146	63.3	139	147	144	142	142	144	128			
105	59.5	146	153	153	153	154	155	145	60.2	131	143	140	139	138	139	121			
110	67.3	144	149	150	150	150	151	144	67.3	121	137	134	134	133	133	114			
115	73.5	140	144	144	145	145	145	141	73.2	111	129	126	126	125	125	105			
120	76.4	135	137	138	138	138	139	135	76.3	101	120	118	118	116	116	96.4			
125	77.4	127	130	130	130	131	131	127	77.7	91.4	111	109	109	107	107	88.4			
130	76.2	117	122	123	123	123	122	117	77.2	82.7	102	98.7	99.5	96.9	97.5	81.1			
135	73.3	106	113	114	114	114	113	105	74.5	75.3	91.5	88.5	89.4	86.8	88.2	73.7			
140	69.4	93.2	103	104	105	104	103	92.8	70.7	69.3	80.7	78.3	79.0	76.9	79.4	67.8			
145	64.2	80.5	92.0	93.6	94.0	93.6	92.1	80.1	64.6	63.3	69.6	68.2	69.0	67.2	71.0	63.4			
150	58.4	68.8	80.8	82.7	83.1	82.7	80.5	68.1	57.6	58.0	60.1	59.1	59.8	58.5	61.7	59.3			
155	52.1	58.6	68.6	71.3	71.9	71.2	68.0	57.7	52.5	46.6	52.7	52.0	50.9	50.3	52.6	53.2			
160	44.8	49.2	56.4	58.8	59.9	58.5	55.4	46.2	45.8	43.8	45.5	44.2	45.0	44.2	44.9	46.6			
165	30.0	38.8	44.7	46.3	46.6	45.9	43.7	33.1	31.6	31.8	34.7	39.2	39.9	39.4	39.8	40.9			
170	20.5	24.3	34.3	35.7	36.7	34.5	27.9	20.1	18.5	18.5	19.5	25.0	34.7	36.0	34.9	32.3			
175	15.0	15.0	20.7	25.9	25.6	17.8	15.4	14.7	14.9	15.0	15.0	16.2	17.1	26.6	26.8	19.6			
180	20.0	22.4	20.3	9.23	0.00	14.1	21.9	21.3	19.9	19.9	19.9	20.0	15.7	9.93	16.9	19.9			

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