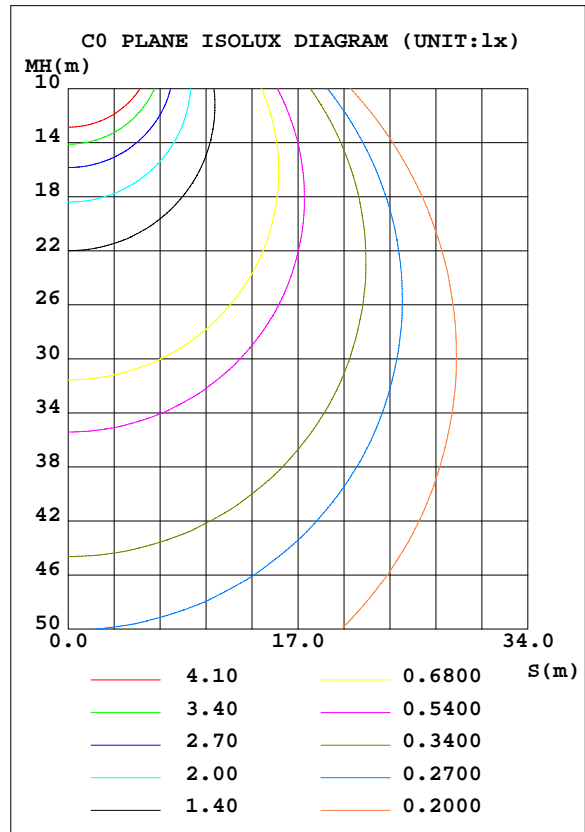
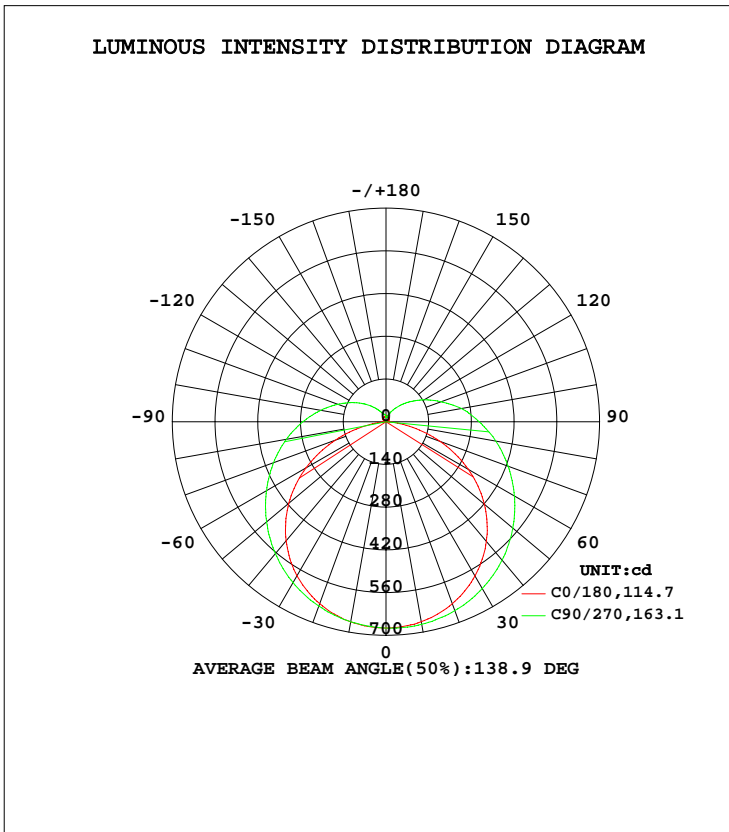


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	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			
MODEL	4906BN-48	Imax(cd)	677.3	S/MH(C0/180)	1.28
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.40
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3067.3	η UP, DN(C0-180)	7.8,40.6
NOMINAL FLUX(lm)	3067.27	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	8.8,42.9
LAMPS INSIDE	1	η up(%)	16.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	83.5	CIBSE SHR MAX	1.55



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

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	665.9	664.9	665.6	664.6	665.5	671.0	673.8	671.6	0- 10	64.14	64.14	2.09,2.09
20	634.7	637.4	642.8	638.2	634.9	648.7	658.8	650.5	10- 20	185.8	250.0	8.15,8.15
30	583.3	593.8	609.1	596.4	583.2	609.8	631.0	613.9	20- 30	288.3	538.3	17.5,17.5
40	509.4	535.6	564.1	541.8	511.9	557.2	591.7	563.2	30- 40	361.0	899.3	29.3,29.3
50	416.2	466.4	510.8	475.9	420.6	492.1	542.4	500.5	40- 50	397.0	1296	42.3,42.3
60	302.9	389.2	452.2	402.8	311.4	418.5	485.6	429.3	50- 60	393.7	1690	55.1,55.1
70	176.5	311.4	391.9	329.0	188.5	341.6	425.5	355.6	60- 70	355.2	2045	66.7,66.7
80	55.17	239.5	331.1	259.2	67.36	268.5	365.6	285.3	70- 80	292.3	2338	76.2,76.2
90	0.6778	177.6	273.0	197.3	1.080	203.7	305.7	222.5	80- 90	223.1	2561	83.5,83.5
100	2.539	127.5	217.4	145.1	1.670	150.9	251.1	169.6	90-100	167.3	2728	88.9,88.9
110	5.765	91.57	167.9	105.5	4.929	107.1	192.9	121.0	100-110	121.5	2849	92.9,92.9
120	9.507	65.90	126.0	76.08	9.129	75.91	144.0	86.48	110-120	84.92	2934	95.7,95.7
130	13.44	47.04	90.59	53.81	13.22	53.06	102.2	60.51	120-130	56.73	2991	97.5,97.5
140	16.63	34.71	61.90	38.45	16.54	35.98	68.93	42.11	130-140	35.81	3027	98.7,98.7
150	18.01	27.37	40.84	28.96	18.00	23.29	42.72	31.03	140-150	21.24	3048	99.4,99.4
160	16.37	24.50	28.29	24.68	15.73	14.86	25.33	23.28	150-160	11.67	3060	99.8,99.8
170	17.35	22.18	23.97	18.21	15.96	14.92	16.43	18.58	160-170	5.636	3065	99.9,99.9
180	19.59	19.15	12.78	18.15	19.55	19.39	17.69	16.76	170-180	1.781	3067	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 17.2 %									UNIT:lm		

Conical surface Flux(90deg): 1095.8 lm

%lum = 35.7%
 %lamp = 35.7%

Conical surface Flux(120deg): 1690 lm

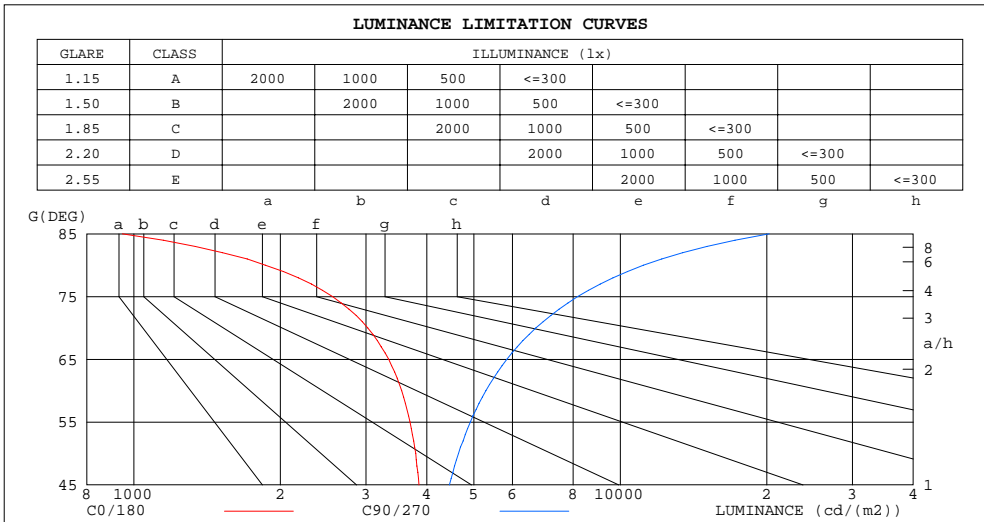
%lum = 55.1%
 %lamp = 55.1%

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

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	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	947	20215
80	1863	11154
75	2560	8170
70	3026	6703
65	3341	5843
60	3553	5291
55	3695	4917
50	3798	4648
45	3856	4452

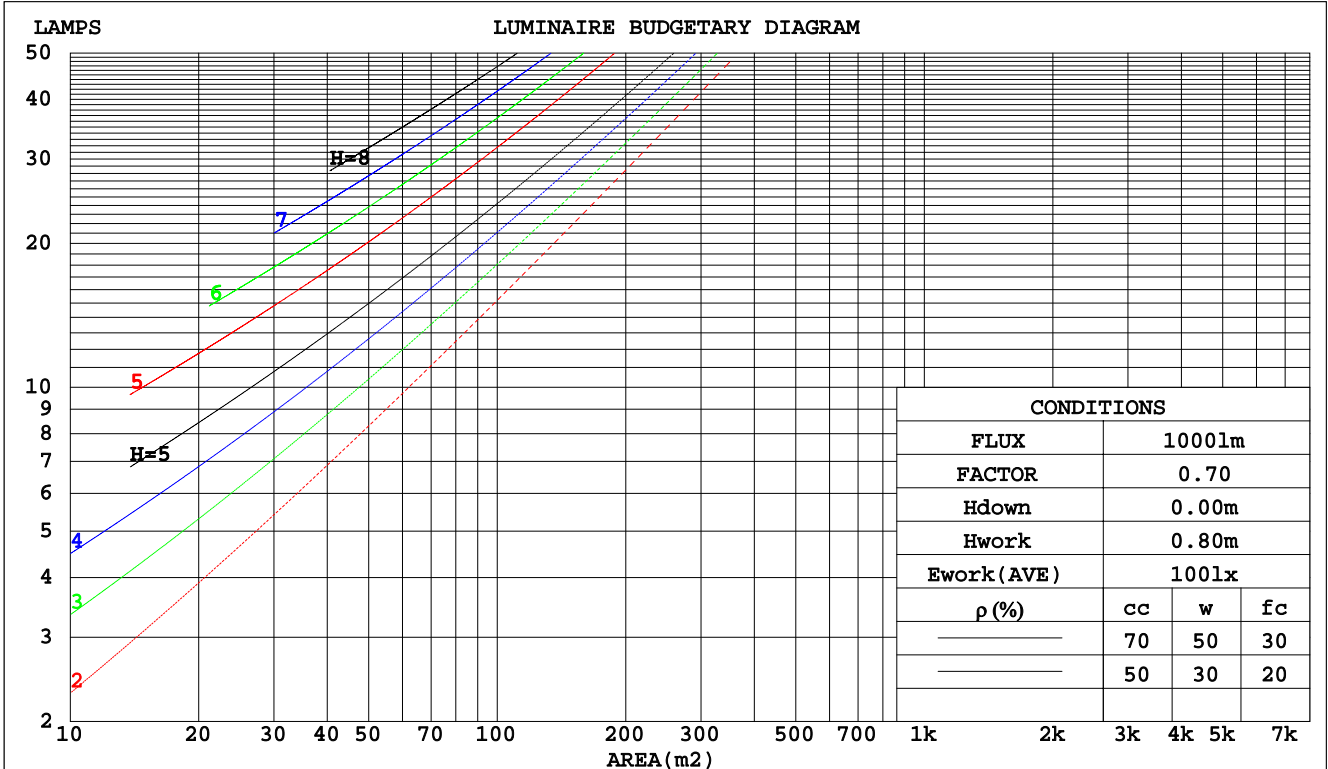
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	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
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.11	1.11	1.11	1.02	1.02	1.02	.94	.94	.94	.87	.87	.87	.83
1.0	.96	.91	.86	.92	.87	.83	.85	.81	.77	.78	.75	.72	.72	.69	.67	.64
2.0	.82	.74	.68	.79	.72	.66	.72	.67	.62	.67	.62	.58	.61	.57	.54	.51
3.0	.71	.62	.55	.68	.60	.53	.63	.56	.50	.58	.52	.47	.53	.49	.45	.42
4.0	.63	.53	.46	.60	.51	.45	.55	.48	.42	.51	.45	.40	.47	.42	.38	.35
5.0	.55	.46	.39	.53	.45	.38	.49	.42	.36	.46	.39	.34	.42	.37	.32	.30
6.0	.50	.40	.34	.48	.39	.33	.44	.37	.31	.41	.35	.30	.38	.32	.28	.26
7.0	.45	.36	.29	.43	.35	.29	.40	.33	.27	.37	.31	.26	.35	.29	.25	.22
8.0	.41	.32	.26	.39	.31	.25	.37	.29	.24	.34	.28	.23	.32	.26	.22	.20
9.0	.37	.29	.23	.36	.28	.23	.34	.27	.22	.31	.25	.21	.29	.24	.20	.18
10.0	.34	.26	.21	.33	.25	.20	.31	.24	.19	.29	.23	.19	.27	.22	.18	.16



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

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.384	.218	.069	.371	.212	.067	.348	.200	.064	.327	.189	.061	.308	.178	.058	
2.0	.333	.183	.056	.322	.177	.055	.301	.168	.052	.282	.158	.050	.264	.150	.047	
3.0	.296	.158	.047	.286	.153	.046	.268	.145	.044	.250	.137	.042	.234	.130	.040	
4.0	.267	.139	.041	.258	.135	.040	.241	.128	.038	.225	.121	.036	.211	.114	.035	
5.0	.243	.124	.036	.235	.120	.035	.219	.114	.034	.205	.108	.032	.191	.102	.031	
6.0	.222	.112	.032	.215	.109	.031	.201	.103	.030	.188	.098	.029	.176	.092	.027	
7.0	.205	.101	.029	.198	.099	.028	.186	.094	.027	.174	.089	.026	.162	.084	.025	
8.0	.190	.093	.026	.184	.091	.026	.172	.086	.025	.161	.082	.024	.151	.078	.023	
9.0	.177	.086	.024	.172	.084	.023	.161	.080	.023	.151	.076	.022	.141	.072	.021	
10.0	.166	.080	.022	.161	.078	.022	.151	.074	.021	.141	.070	.020	.133	.067	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.316	.316	.316	.270	.270	.270	.185	.185	.185	.106	.106	.106	.034	.034	.034	
1.0	.312	.282	.255	.267	.242	.220	.183	.167	.152	.105	.096	.088	.034	.031	.029	
2.0	.305	.259	.221	.262	.223	.191	.179	.155	.133	.103	.090	.078	.033	.029	.025	
3.0	.298	.243	.199	.255	.210	.173	.175	.146	.121	.101	.085	.071	.033	.028	.023	
4.0	.290	.230	.185	.249	.199	.160	.171	.139	.113	.099	.081	.067	.032	.026	.022	
5.0	.283	.221	.175	.243	.191	.152	.167	.133	.107	.097	.078	.064	.031	.026	.021	
6.0	.275	.213	.168	.236	.184	.146	.163	.129	.103	.095	.076	.061	.031	.025	.020	
7.0	.268	.206	.162	.231	.179	.142	.159	.125	.100	.093	.074	.060	.030	.024	.020	
8.0	.261	.200	.159	.225	.174	.138	.156	.122	.098	.091	.072	.058	.029	.024	.019	
9.0	.255	.196	.155	.220	.170	.136	.152	.119	.096	.089	.070	.057	.029	.023	.019	
10.0	.249	.191	.153	.215	.166	.133	.149	.117	.095	.087	.069	.057	.028	.023	.019	

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

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm										
NAME:4906BN-48					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	16.0	17.4	16.5	17.8	18.4	17.6	19.0	18.1	19.5	20.0
3H	17.4	18.7	17.9	19.2	19.8	20.2	21.5	20.7	22.0	22.6
4H	17.9	19.2	18.5	19.7	20.3	21.6	22.9	22.2	23.4	24.0
6H	18.3	19.4	18.8	20.0	20.6	23.2	24.4	23.8	24.9	25.5
8H	18.3	19.4	18.9	20.0	20.6	24.1	25.2	24.7	25.8	26.4
12H	18.3	19.4	18.9	20.0	20.6	25.1	26.2	25.7	26.8	27.4
4H 2H	17.0	18.2	17.5	18.7	19.3	18.2	19.4	18.7	19.9	20.5
3H	18.7	19.8	19.3	20.3	21.0	21.0	22.1	21.6	22.7	23.3
4H	19.4	20.4	20.0	21.0	21.7	22.6	23.6	23.2	24.2	24.9
6H	19.9	20.8	20.5	21.4	22.1	24.4	25.3	25.1	26.0	26.7
8H	20.0	20.9	20.7	21.5	22.2	25.5	26.3	26.1	26.9	27.7
12H	20.1	20.9	20.8	21.5	22.3	26.6	27.4	27.3	28.0	28.8
8H 4H	20.4	21.2	21.0	21.8	22.6	23.0	23.8	23.6	24.4	25.2
6H	21.3	22.0	21.9	22.6	23.4	25.1	25.8	25.8	26.5	27.2
8H	21.6	22.2	22.3	22.9	23.7	26.3	26.9	27.0	27.6	28.4
12H	21.8	22.4	22.5	23.1	23.9	27.7	28.3	28.4	29.0	29.8
12H 4H	20.7	21.5	21.4	22.1	22.9	23.0	23.8	23.7	24.4	25.2
6H	21.8	22.4	22.5	23.1	23.9	25.2	25.8	25.9	26.5	27.3
8H	22.3	22.9	23.1	23.6	24.4	26.5	27.1	27.2	27.8	28.6
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	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 3067 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.9)

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

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

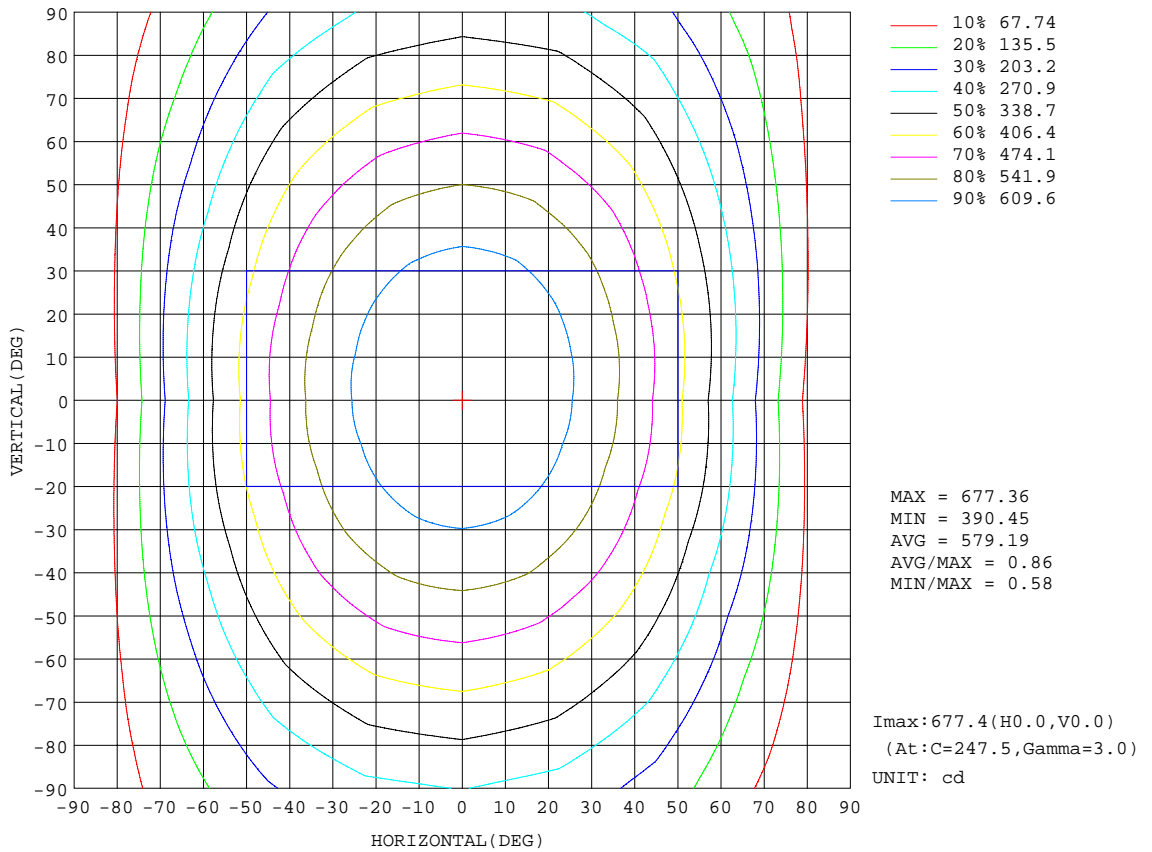
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	48	36	28	47	35	28	45	34	28	21
0.80	57	44	36	56	44	36	53	42	35	27
1.00	65	52	44	63	51	43	60	52	42	34
1.25	72	60	51	70	58	50	66	56	49	39
1.50	77	65	57	75	64	56	70	61	54	43
2.00	85	74	65	82	71	64	76	68	61	50
2.50	89	79	71	86	77	69	80	72	66	54
3.00	93	83	76	89	81	74	83	76	70	57
4.00	97	90	83	94	87	81	87	81	76	62
5.00	100	94	88	96	90	85	89	84	80	65
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:ben

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

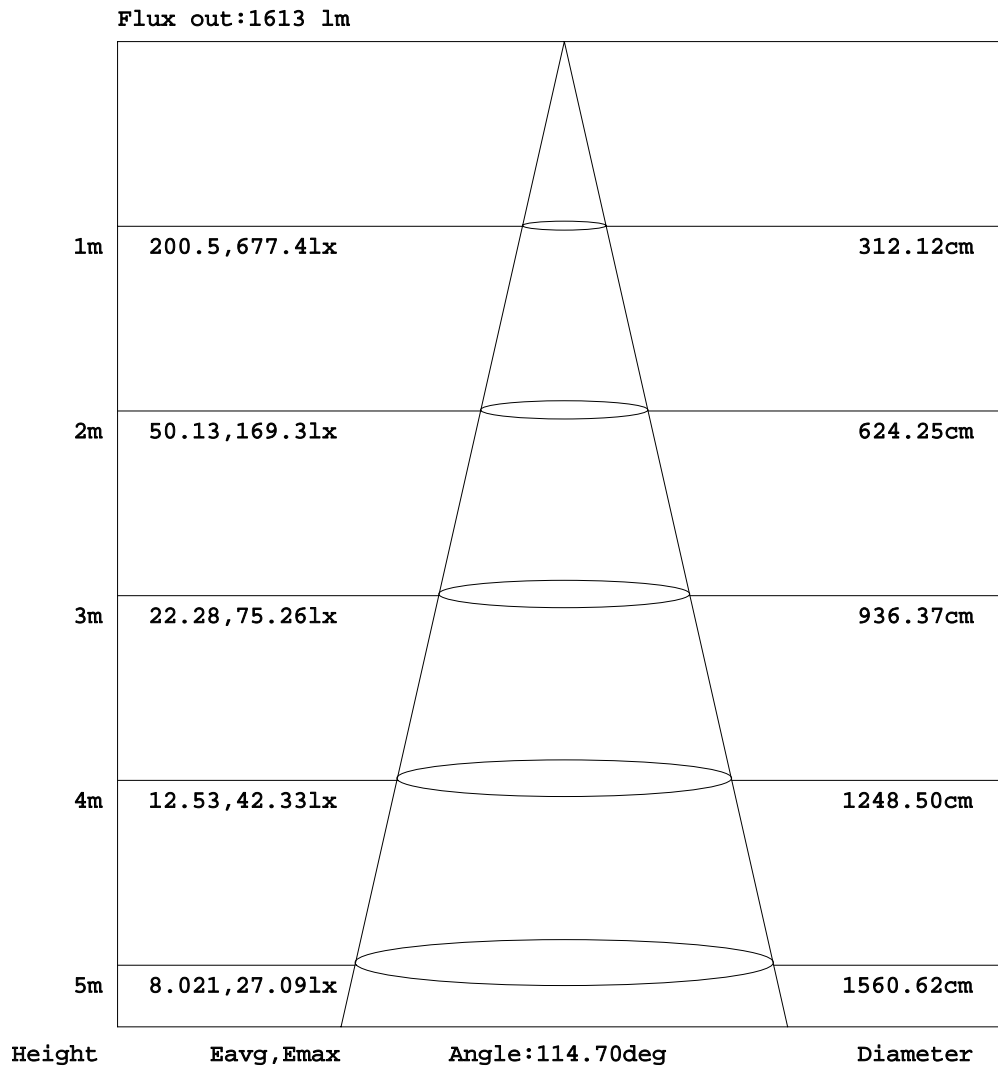


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.2DEG
 Operators:ben

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



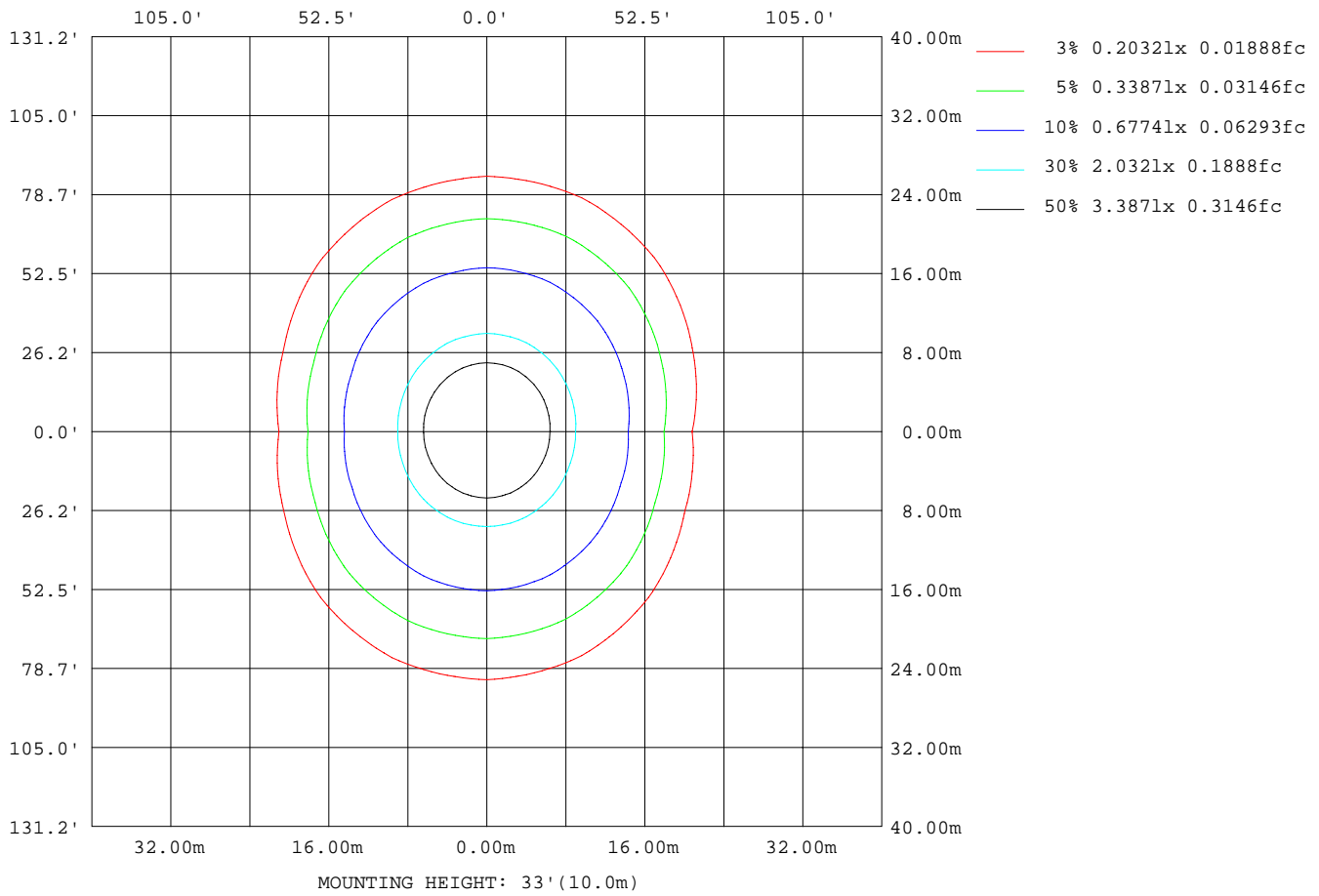
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	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:ben

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

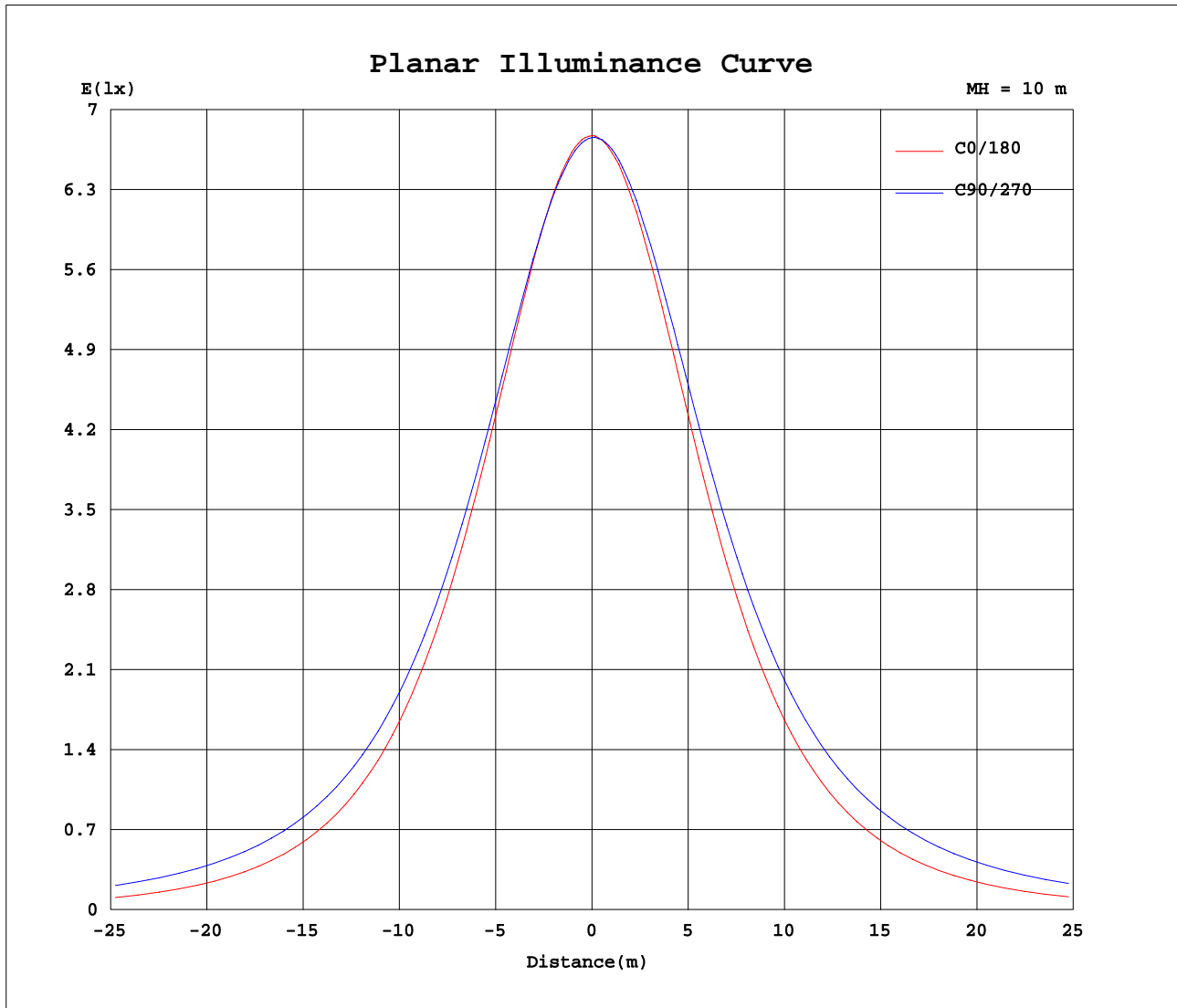
AvgL	cd/m2
L_0~180(65)av	3405
L_0~180(75)av	2700
L_0~180(85)av	1206
L_90~270(65)av	6082
L_90~270(75)av	8560
L_90~270(85)av	21357
L_45(65)av	5154
L_45(75)av	6736
L_45(85)av	15488

Standard: GB/T 29293-2012

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

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: ben

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:0.2706A P:31.88W PF:0.9814 Lamp Flux:3067.27x1 lm		
NAME:4906BN-48	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	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676			
5	674	673	672	673	672	672	672	672	673	674	676	677	677	677	676	675			
10	666	665	665	665	666	665	665	664	665	668	671	673	674	674	672	669			
15	653	652	653	655	656	655	653	652	653	657	661	666	667	667	663	658			
20	635	634	637	641	643	642	638	634	635	640	649	655	659	658	650	642			
25	611	611	617	625	628	625	619	612	612	619	631	642	647	644	634	621			
30	583	583	594	604	609	606	596	586	583	593	610	625	631	627	614	596			
35	549	551	566	582	588	584	570	554	550	563	586	605	613	608	590	567			
40	509	514	536	555	564	559	542	520	512	529	557	582	592	586	563	533			
45	465	473	502	528	538	531	510	482	468	490	526	557	568	561	533	495			
50	416	428	466	498	511	503	476	439	421	447	492	528	542	534	500	453			
55	361	380	428	467	482	472	440	394	368	401	456	498	515	504	466	409			
60	303	329	389	435	452	441	403	346	311	352	418	467	486	474	429	362			
65	241	277	350	402	422	409	366	298	251	302	380	435	456	443	392	313			
70	176	225	311	370	392	378	329	250	188	251	342	403	426	411	356	265			
75	113	176	274	338	361	347	293	204	126	201	304	371	395	379	319	218			
80	55.2	132	239	307	331	316	259	162	67.4	156	269	340	366	349	285	175			
85	14.1	95.6	207	276	301	285	227	125	21.8	116	235	308	335	317	253	138			
90	0.68	68.4	178	247	273	257	197	95.3	1.08	85.1	204	278	306	288	222	107			
95	1.20	49.1	150	219	244	228	169	72.9	0.62	63.5	177	251	278	262	198	85.4			
100	2.54	37.4	128	192	217	201	145	57.4	1.67	47.3	151	224	251	234	170	65.6			
105	4.10	30.3	108	168	192	177	124	45.2	3.09	37.3	127	194	221	203	143	52.5			
110	5.76	25.8	91.6	146	168	154	106	37.4	4.93	30.6	107	168	193	176	121	43.1			
115	7.61	23.1	77.7	126	146	133	89.7	31.9	6.86	26.1	90.1	145	167	152	102	36.1			
120	9.51	21.6	65.9	108	126	114	76.1	28.1	9.13	23.0	75.9	123	144	130	86.5	30.9			
125	11.5	20.6	55.6	91.8	107	97.1	64.1	25.4	11.3	20.8	63.7	105	122	110	72.5	26.9			
130	13.4	20.3	47.0	77.2	90.6	81.6	53.8	23.6	13.2	19.2	53.1	87.5	102	92.2	60.5	24.0			
135	15.1	20.5	40.2	64.2	75.3	67.9	45.4	22.5	15.0	18.0	44.0	72.1	84.8	76.3	50.4	21.9			
140	16.6	20.9	34.7	53.0	61.9	56.0	38.5	22.1	16.5	17.1	36.0	58.3	68.9	62.5	42.1	20.5			
145	18.0	21.3	30.5	43.7	50.2	45.7	33.1	22.3	17.9	16.3	28.9	45.8	54.9	50.8	35.9	20.0			
150	18.0	21.6	27.4	36.2	40.8	37.6	29.0	22.2	18.0	16.5	23.3	35.2	42.7	41.0	31.0	19.7			
155	17.2	21.8	25.6	30.5	33.4	31.4	26.3	20.9	16.8	15.1	19.3	27.0	32.9	32.8	26.9	19.5			
160	16.4	21.3	24.5	27.0	28.3	27.3	24.7	19.0	15.7	15.0	14.9	21.4	25.3	26.1	23.3	19.1			
165	15.4	19.6	22.9	24.9	25.7	25.1	21.1	16.9	14.6	14.3	13.6	16.1	20.5	21.1	20.1	18.3			
170	17.4	20.2	22.2	22.6	24.0	22.0	18.2	18.6	16.0	15.9	14.9	14.5	16.4	19.0	18.6	18.5			
175	19.0	19.7	21.3	21.4	21.3	17.0	19.1	19.1	18.6	18.6	18.1	17.2	14.1	17.8	18.7	19.4			
180	19.6	19.5	19.1	17.3	12.8	17.3	18.1	19.3	19.5	19.6	19.4	19.0	17.7	12.8	16.8	18.6			

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 Temperature:25.2DEG
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