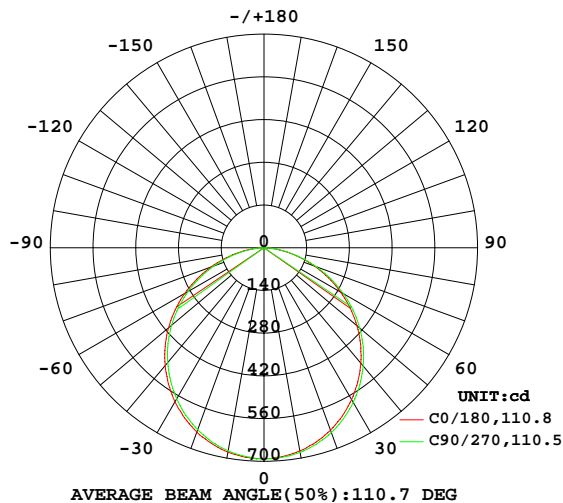
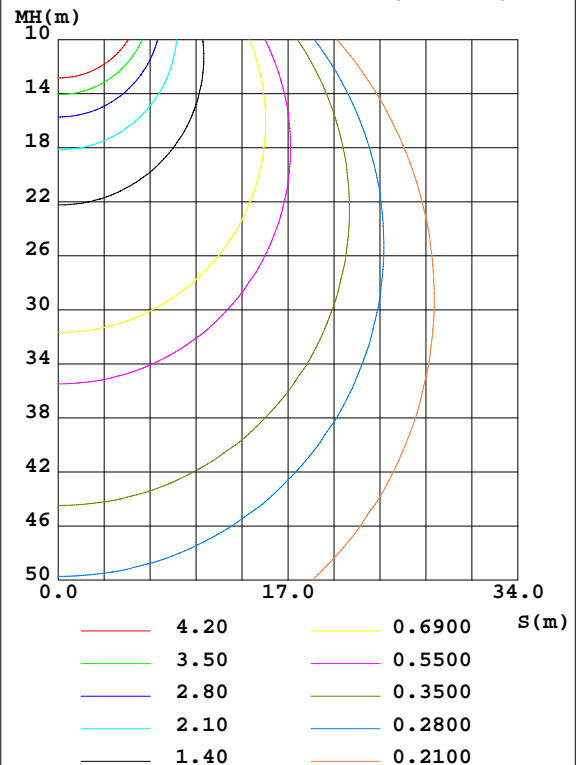


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:120.0V I:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.70 lm/W			
MODEL	PSZ2C171020003-10	I <sub>max</sub> (cd)	693.0	S/MH(C0/180)	1.24
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1932.7	η UP,DN(C0-180)	0.1,49.5
NOMINAL FLUX(lm)	1932.66	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.4
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.35

**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  
Test Date:2017-10-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: 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	680.2	677.8	675.7	674.6	676.1	679.2	680.9	681.6	0- 10	65.37	65.37	3.38,3.38
20	642.9	639.5	634.7	633.4	636.4	640.7	644.7	645.9	10- 20	186.8	252.1	13,13
30	583.2	578.1	572.0	569.9	574.4	580.0	584.8	586.5	20- 30	281.8	534.0	27.6,27.6
40	503.6	498.0	490.8	488.7	493.6	500.0	505.7	508.4	30- 40	338.1	872.1	45.1,45.1
50	408.3	402.5	395.4	392.3	397.8	403.7	409.6	412.8	40- 50	348.9	1221	63.2,63.2
60	299.7	294.3	287.3	283.9	289.7	294.4	299.7	303.2	50- 60	312.3	1533	79.3,79.3
70	184.6	180.8	174.1	170.8	176.4	179.1	182.4	186.3	60- 70	234.3	1768	91.5,91.5
80	76.38	74.14	68.12	65.60	69.83	70.91	71.84	75.82	70- 80	130.7	1898	98.2,98.2
90	2.653	2.502	0.1070	0.1884	0.0516	0.0514	0.0555	0.0823	80- 90	32.55	1931	99.9,99.9
100	0.1630	0.1654	0.1668	0.1693	0.0851	0.0861	0.0817	0.0797	90-100	0.1365	1931	99.9,99.9
110	0.1939	0.1960	0.2062	0.2079	0.1356	0.1366	0.1318	0.1251	100-110	0.1564	1931	99.9,99.9
120	0.2301	0.2167	0.2231	0.2328	0.2042	0.1933	0.1903	0.1835	110-120	0.1843	1931	99.9,99.9
130	0.2919	0.2897	0.3061	0.3077	0.2775	0.2689	0.2552	0.2517	120-130	0.2161	1932	99.9,99.9
140	0.4280	0.4573	0.4672	0.4629	0.3608	0.3605	0.3506	0.3444	130-140	0.2602	1932	100,100
150	0.6396	0.7006	0.7264	0.7061	0.4167	0.4235	0.4456	0.4217	140-150	0.3034	1932	100,100
160	0.8428	0.8518	0.8566	0.8891	0.5036	0.4983	0.5121	0.4910	150-160	0.2903	1932	100,100
170	0.8110	0.8034	0.8051	0.8267	0.5657	0.5307	0.5542	0.5461	160-170	0.1960	1933	100,100
180	0.6925	0.6533	0.6430	0.7041	0.6991	0.6754	0.6386	0.6735	170-180	0.0648	1933	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 8.9 %									UNIT:lm		

Conical surface Flux(90deg): 1048.2 lm

%lum = 54.2%

%lamp = 54.2%

Conical surface Flux(120deg): 1533.4 lm

%lum = 79.3%

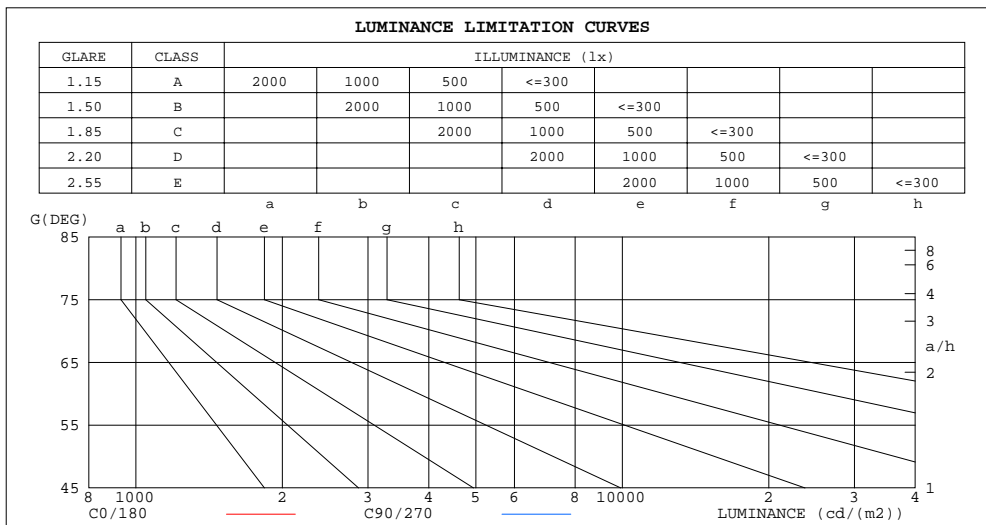
%lamp = 79.3%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.2DEG  
Operators:Monkey  
Test Date:2017-10-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: 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:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3514301	2883579
80	4402565	3921173
75	4968529	4586661
70	5402664	5088876
65	5745304	5465420
60	5998909	5743770
55	6199751	5974426
50	6357709	6149020
45	6479686	6292083

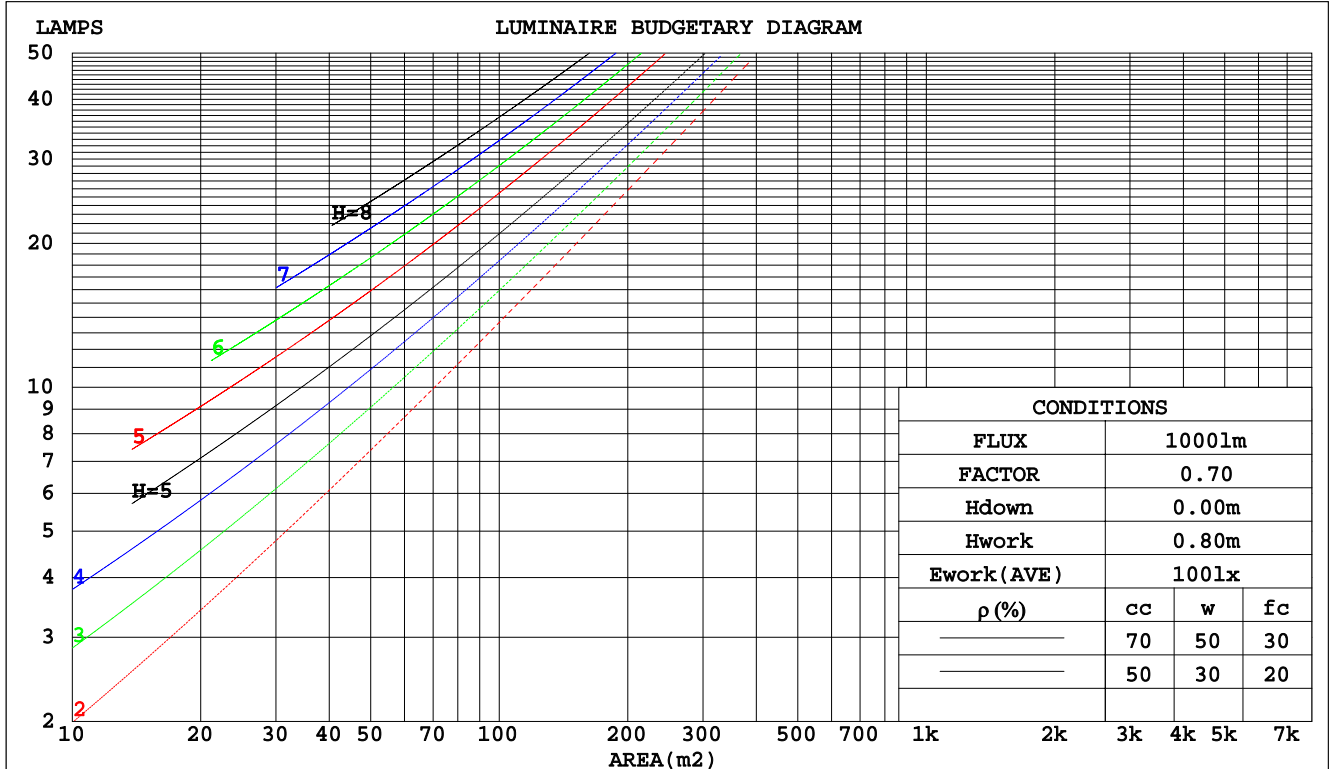
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.2DEG  
Operators:Monkey  
Test Date:2017-10-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: 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:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.00	.96	1.02	.98	.94	.98	.94	.91	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.32	.45	.38	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:Monkey  
 Test Date:2017-10-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: 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:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	SUR.:N/A	Shielding Angle:N/A

pcc	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	.306	.174	.055	.299	.170	.054	.285	.164	.052	.273	.158	.051	.262	.152	.049		
2.0	.289	.158	.049	.283	.156	.048	.271	.151	.047	.260	.146	.046	.250	.141	.045		
3.0	.268	.143	.043	.262	.141	.042	.252	.137	.042	.242	.133	.041	.234	.129	.040		
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.229	.117	.034	.225	.115	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032		
6.0	.213	.107	.031	.209	.105	.030	.202	.103	.030	.195	.101	.030	.188	.099	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027		
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.086	.025	.166	.085	.025		
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.161	.080	.023	.156	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.147	.074	.021		

pcc	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	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.155	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.030	.051	.032	.018	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.129	.070	.030	.111	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.123	.065	.026	.106	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:Monkey  
 Test Date:2017-10-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: 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:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm										
NAME: 4350BN-3K-15					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
					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	43.2	44.7	43.5	44.9	45.1	43.1	44.6	43.3	44.8	45.0
3H	44.7	46.1	45.0	46.3	46.6	44.5	45.9	44.8	46.1	46.4
4H	45.3	46.6	45.6	46.9	47.1	45.0	46.4	45.4	46.6	46.9
6H	45.7	47.0	46.0	47.2	47.5	45.4	46.7	45.7	46.9	47.2
8H	45.8	47.0	46.2	47.3	47.6	45.5	46.7	45.8	47.0	47.3
12H	45.9	47.1	46.3	47.4	47.7	45.5	46.7	45.9	47.0	47.3
4H 2H	43.8	45.1	44.1	45.4	45.6	43.7	45.0	44.0	45.3	45.5
3H	45.5	46.6	45.8	46.9	47.2	45.3	46.5	45.6	46.7	47.1
4H	46.2	47.2	46.6	47.6	47.9	46.0	47.0	46.3	47.3	47.7
6H	46.7	47.7	47.1	48.0	48.4	46.4	47.4	46.8	47.7	48.1
8H	46.9	47.8	47.3	48.1	48.5	46.6	47.5	47.0	47.8	48.2
12H	47.0	47.8	47.4	48.2	48.6	46.7	47.5	47.1	47.9	48.3
8H 4H	46.4	47.3	46.8	47.7	48.1	46.2	47.1	46.6	47.5	47.9
6H	47.1	47.8	47.6	48.2	48.7	46.8	47.6	47.3	48.0	48.4
8H	47.4	48.0	47.8	48.4	48.9	47.1	47.7	47.5	48.1	48.6
12H	47.5	48.1	48.0	48.6	49.0	47.2	47.8	47.7	48.2	48.7
12H 4H	46.4	47.2	46.9	47.6	48.0	46.2	47.0	46.7	47.4	47.8
6H	47.2	47.8	47.6	48.2	48.7	46.9	47.6	47.4	48.0	48.4
8H	47.5	48.0	47.9	48.5	48.9	47.2	47.7	47.6	48.2	48.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1933 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.2DEG  
Operators:Monkey  
Test Date:2017-10-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: 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:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	SUR.:N/A	Shielding Angle:N/A

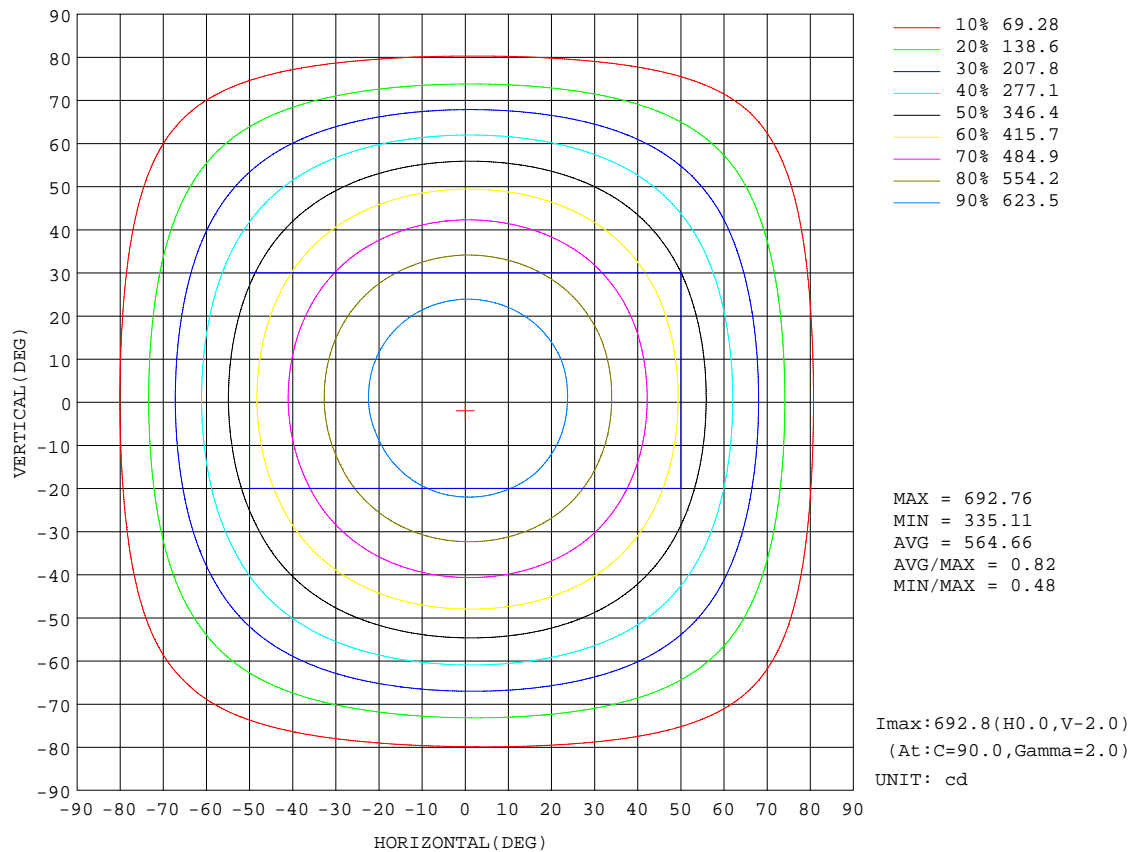
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	85	97	90	84	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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  
 Test Date:2017-10-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.447m [K=1.0000]  
 Remarks:

### ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	SUR.:N/A	Shielding Angle:N/A



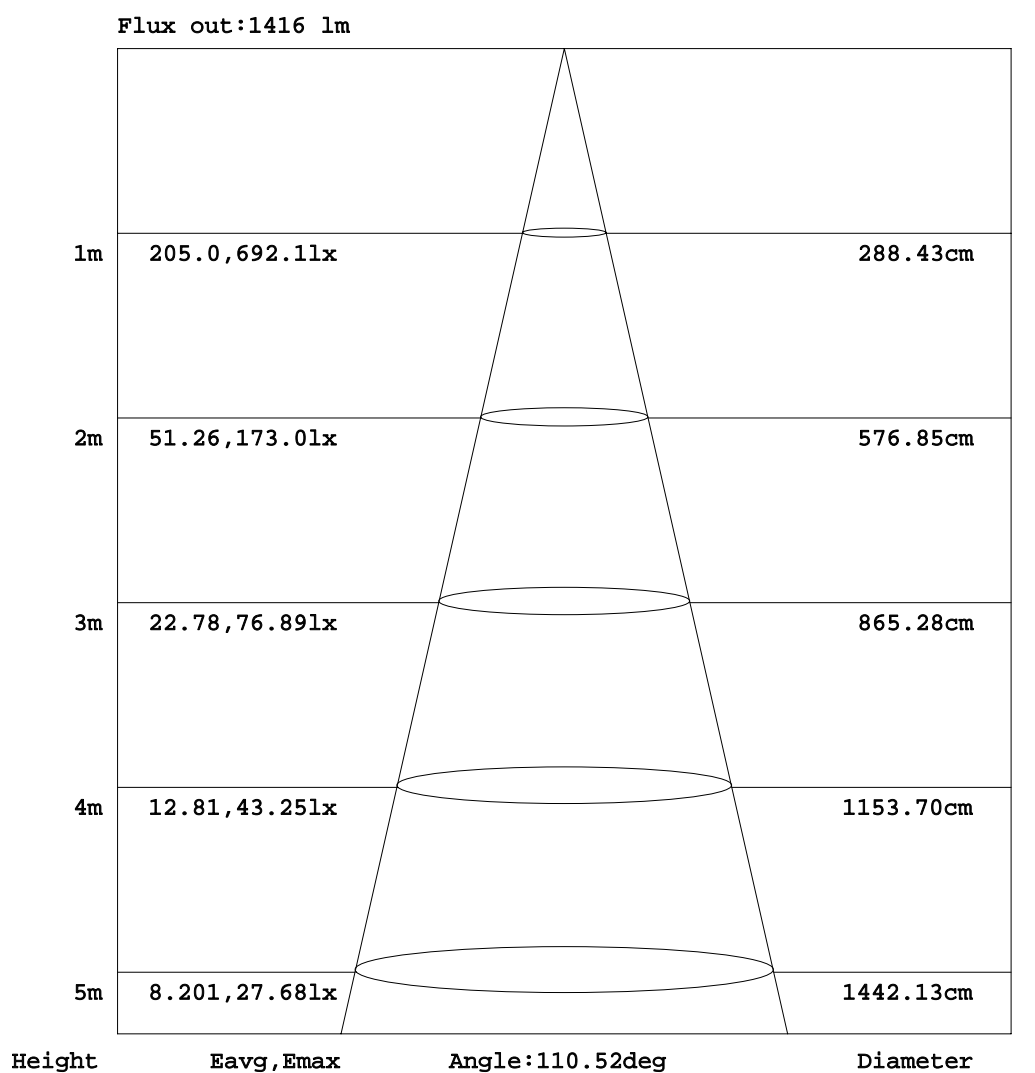
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.2DEG  
Operators:Monkey  
Test Date:2017-10-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.447m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:120.0V I:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	SUR.:N/A	Shielding Angle:N/A



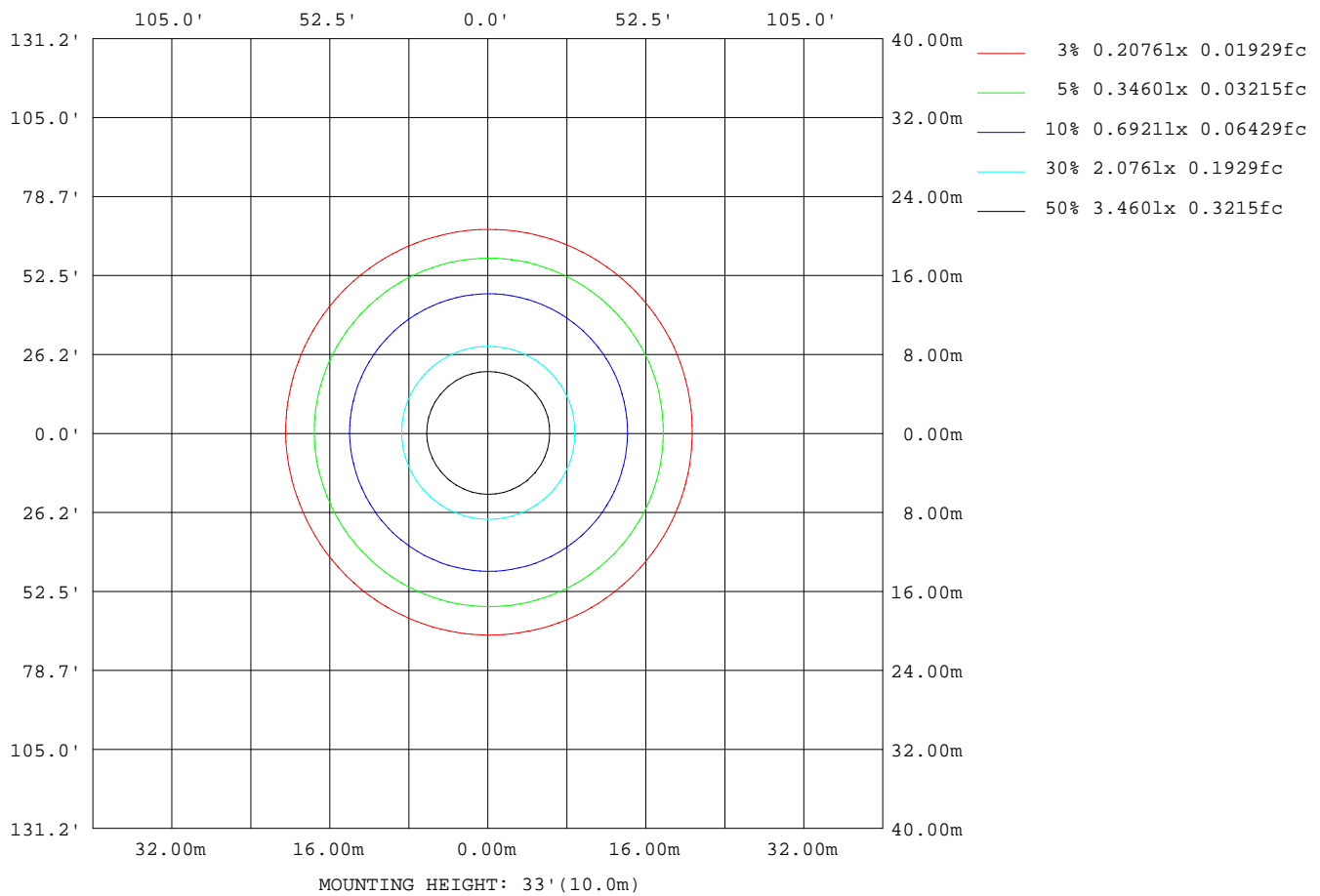
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature: 25.2DEG  
 Operators: Monkey  
 Test Date: 2017-10-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity: 45%  
 Test Distance: 2.447m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

Test:U:120.0V I:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	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  
Test Date:2017-10-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: 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:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	SUR.:N/A	Shielding Angle:N/A

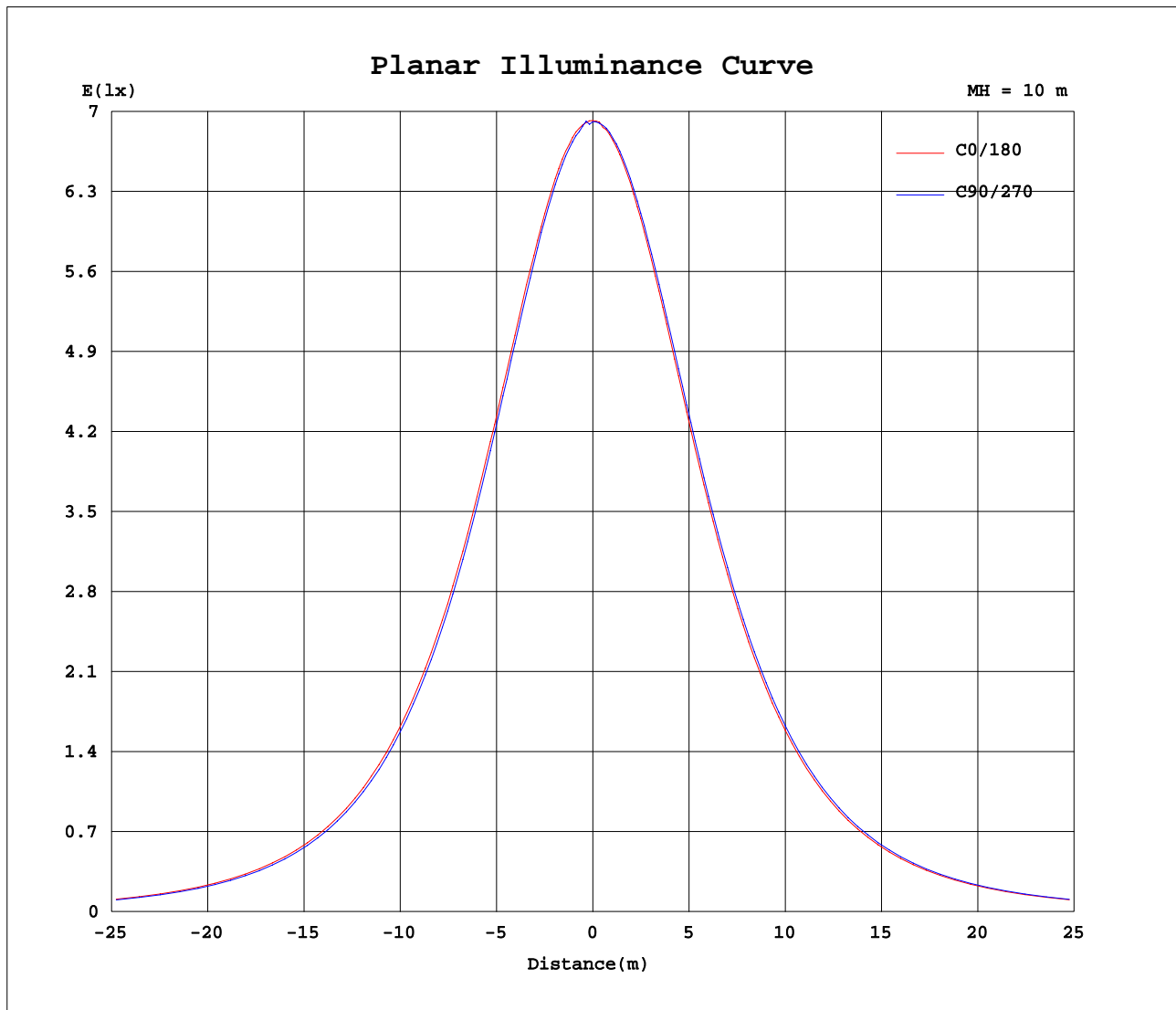
AvgL	cd/m2
L_0~180(65)av	5629611
L_0~180(75)av	4813326
L_0~180(85)av	3237347
L_90~270(65)av	5593913
L_90~270(75)av	4703539
L_90~270(85)av	3021322
L_45(65)av	5607236
L_45(75)av	4762239
L_45(85)av	3134497

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.2DEG  
Operators:Monkey  
Test Date:2017-10-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: 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  
 Test Date: 2017-10-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: 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:0.2347A P:27.34W PF:0.9704 Lamp Flux:1932.66x1 lm		
NAME: 4350BN-3K-15	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
	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	691	691	691	691	691	691	691	691	691	691	691	691	691	691	691	691			
5	689	688	688	687	687	687	687	686	687	688	689	689	690	690	690	689			
10	680	679	678	677	676	675	675	676	676	678	679	680	681	682	682	682			
15	664	663	662	660	660	657	657	657	659	661	663	664	666	666	667	666			
20	643	641	640	637	635	634	633	634	636	638	641	642	645	646	646	646			
25	615	614	611	608	606	605	604	604	608	610	613	614	618	618	619	618			
30	583	580	578	575	572	570	570	571	574	577	580	582	585	586	587	587			
35	546	543	540	536	533	532	532	531	536	539	542	544	548	549	550	549			
40	504	501	498	494	491	489	489	490	494	497	500	502	506	507	508	508			
45	458	455	452	448	445	443	443	442	448	451	454	456	460	461	463	462			
50	408	406	403	399	395	393	392	393	398	401	404	407	410	411	413	413			
55	355	353	350	346	343	341	339	339	345	348	350	353	357	358	360	360			
60	300	298	294	290	287	285	284	284	290	292	294	297	300	302	303	304			
65	243	241	238	234	231	229	227	228	233	235	237	239	242	243	245	246			
70	185	183	181	177	174	172	171	171	176	178	179	180	182	184	186	188			
75	128	128	125	122	119	117	116	116	121	122	123	123	125	126	129	131			
80	76.4	76.1	74.1	71.1	68.1	66.3	65.6	65.8	69.8	70.8	70.9	71.0	71.8	73.4	75.8	78.2			
85	30.6	30.6	29.3	27.2	25.1	23.6	22.9	22.6	25.8	26.1	26.4	26.7	27.5	28.8	30.7	32.6			
90	2.65	2.68	2.50	0.12	0.11	0.20	0.19	0.19	0.05	0.05	0.05	0.05	0.06	0.07	0.08	0.12			
95	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06			
100	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08			
105	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.19	0.11	0.11	0.11	0.11	0.10	0.11	0.10	0.10			
110	0.19	0.19	0.20	0.20	0.21	0.21	0.21	0.20	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13			
115	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.21	0.17	0.16	0.16	0.16	0.16	0.16	0.15	0.15			
120	0.23	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.20	0.20	0.19	0.19	0.19	0.18	0.18	0.18			
125	0.25	0.25	0.24	0.25	0.25	0.26	0.26	0.26	0.24	0.23	0.23	0.23	0.22	0.22	0.22	0.22			
130	0.29	0.30	0.29	0.30	0.31	0.31	0.31	0.30	0.28	0.27	0.27	0.27	0.26	0.27	0.25	0.25			
135	0.35	0.35	0.35	0.36	0.38	0.38	0.38	0.37	0.31	0.31	0.31	0.31	0.31	0.30	0.30	0.30			
140	0.43	0.44	0.46	0.45	0.47	0.48	0.46	0.44	0.36	0.34	0.36	0.36	0.35	0.35	0.34	0.35			
145	0.53	0.56	0.59	0.60	0.61	0.61	0.58	0.55	0.39	0.38	0.40	0.41	0.41	0.40	0.39	0.39			
150	0.64	0.69	0.70	0.72	0.73	0.73	0.71	0.67	0.42	0.41	0.42	0.45	0.45	0.44	0.42	0.44			
155	0.75	0.79	0.79	0.79	0.80	0.81	0.81	0.78	0.46	0.45	0.48	0.48	0.49	0.50	0.46	0.49			
160	0.84	0.86	0.85	0.88	0.86	0.89	0.89	0.85	0.50	0.49	0.50	0.51	0.51	0.51	0.49	0.53			
165	0.85	0.86	0.85	0.86	0.87	0.89	0.88	0.86	0.52	0.51	0.52	0.52	0.53	0.53	0.52	0.55			
170	0.81	0.80	0.80	0.79	0.81	0.83	0.83	0.82	0.57	0.56	0.53	0.53	0.55	0.55	0.55	0.58			
175	0.79	0.77	0.76	0.74	0.73	0.76	0.79	0.80	0.62	0.62	0.60	0.58	0.59	0.57	0.59	0.64			
180	0.69	0.67	0.65	0.63	0.64	0.67	0.70	0.71	0.70	0.70	0.68	0.66	0.64	0.65	0.67	0.71			

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C Interval: 22.5DEG  
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Humidity:45%  
Test Distance:2.447m [K=1.0000]  
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