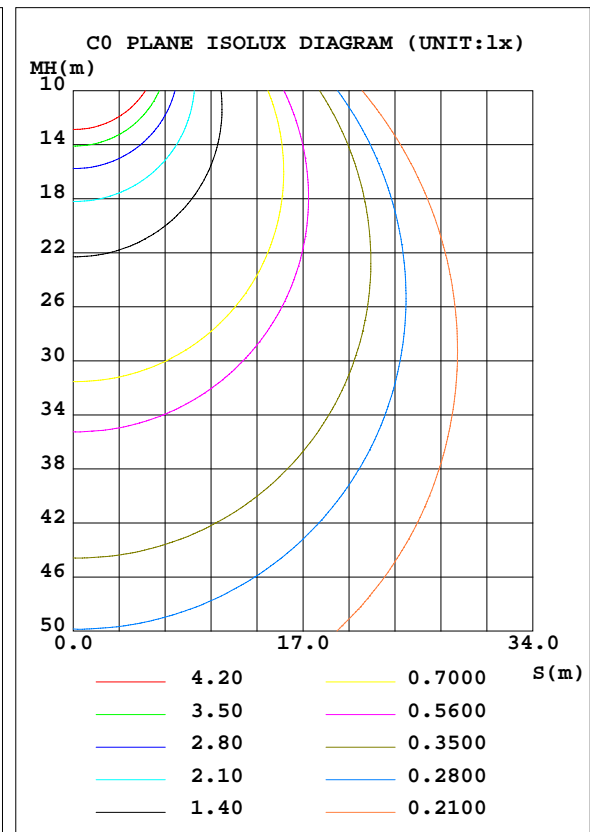
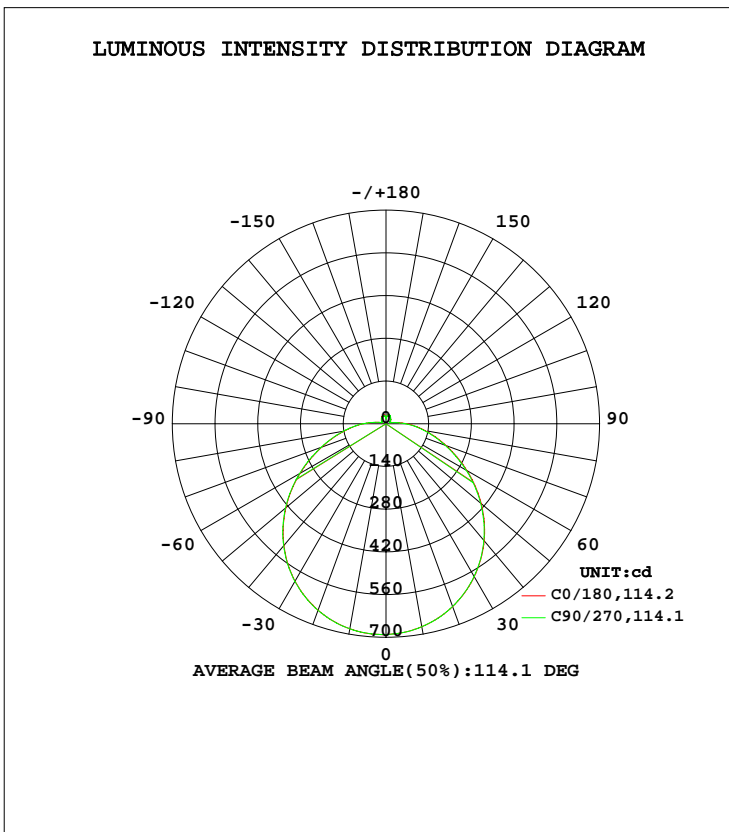


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light 4327-30XX	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.21 lm/W			
MODEL	PSZ2C160817004-10	Imax(cd)	691.5	S/MH(C0/180)	1.25
NOMINAL POWER(W)	27	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2283.0	$\eta$ UP, DN(C0-180)	3.5,47.5
NOMINAL FLUX(lm)	2283	CIE CLASS	DIRECT	$\eta$ UP, DN(C180-360)	3.4,45.7
LAMPS INSIDE	1	$\eta$ up(%)	6.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	$\eta$ down(%)	93.2	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [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	682.2	684.2	682.3	678.3	675.6	674.0	675.6	679.4	0- 10	65.37	65.37	2.86,2.86
20	650.5	654.0	651.0	642.9	637.9	634.3	637.4	645.2	10- 20	187.5	252.9	11.1,11.1
30	596.1	601.2	596.7	585.7	578.7	573.9	577.7	588.5	20- 30	285.0	537.9	23.6,23.6
40	520.6	527.2	521.9	508.9	500.6	494.3	498.8	511.8	30- 40	344.8	882.7	38.7,38.7
50	428.1	435.2	430.0	416.2	407.6	400.6	404.9	418.5	40- 50	359.2	1242	54.4,54.4
60	325.3	332.5	327.5	314.6	306.3	299.4	302.7	315.7	50- 60	328.3	1570	68.8,68.8
70	224.0	230.6	226.3	215.8	209.5	203.9	206.5	216.6	60- 70	262.3	1833	80.3,80.3
80	139.4	144.6	141.2	134.0	130.4	125.2	126.9	134.2	70- 80	183.9	2016	88.3,88.3
90	74.04	77.19	75.48	70.85	68.23	64.17	64.58	70.06	80- 90	110.4	2127	93.2,93.2
100	28.19	29.81	29.24	27.27	26.21	24.30	24.17	26.71	90-100	50.69	2178	95.4,95.4
110	12.82	12.71	12.09	12.37	12.83	13.18	13.27	13.09	100-110	18.12	2196	96.2,96.2
120	16.78	16.77	16.05	16.22	16.84	17.16	17.13	17.07	110-120	14.70	2210	96.8,96.8
130	20.46	20.45	19.60	19.67	20.53	20.93	20.54	20.43	120-130	16.67	2227	97.5,97.5
140	23.65	23.65	22.59	22.71	23.78	24.38	24.16	23.34	130-140	17.02	2244	98.3,98.3
150	26.45	26.13	25.45	26.45	27.54	27.54	28.66	26.08	140-150	15.80	2260	99,99
160	28.32	28.11	28.25	29.89	27.91	30.39	30.93	26.40	150-160	12.93	2273	99.6,99.6
170	28.33	26.59	26.49	25.41	26.82	26.67	26.78	25.37	160-170	8.047	2281	99.9,99.9
180	24.82	20.71	25.45	23.31	24.36	24.61	19.26	20.26	170-180	2.162	2283	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 10.7 %									UNIT:lm		

Conical surface Flux(90deg): 1063.5 lm

%lum = 46.6%  
 %lamp = 46.6%

Conical surface Flux(120deg): 1570.3 lm

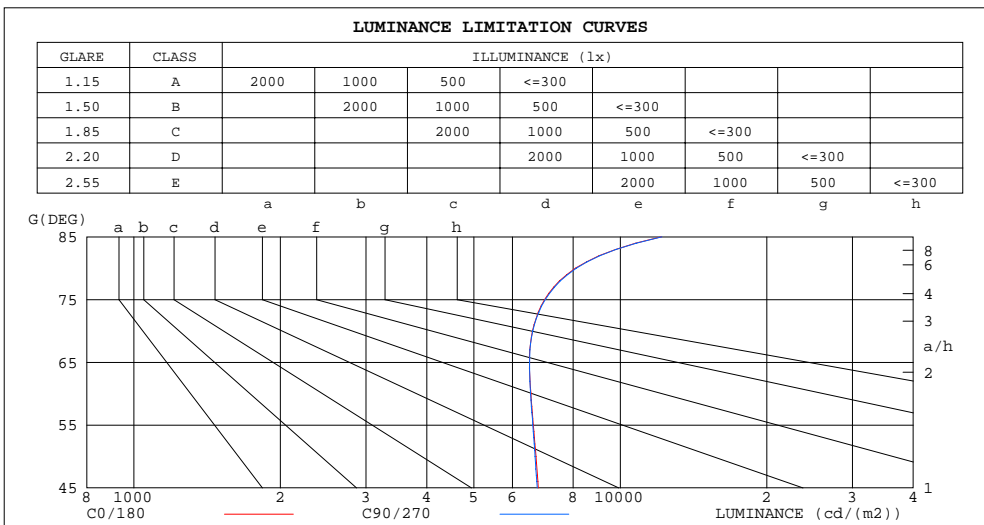
%lum = 68.8%  
 %lamp = 68.8%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	12137	12173
80	8086	8119
75	6989	7010
70	6597	6607
65	6508	6507
60	6552	6540
55	6625	6606
50	6707	6680
45	6781	6749

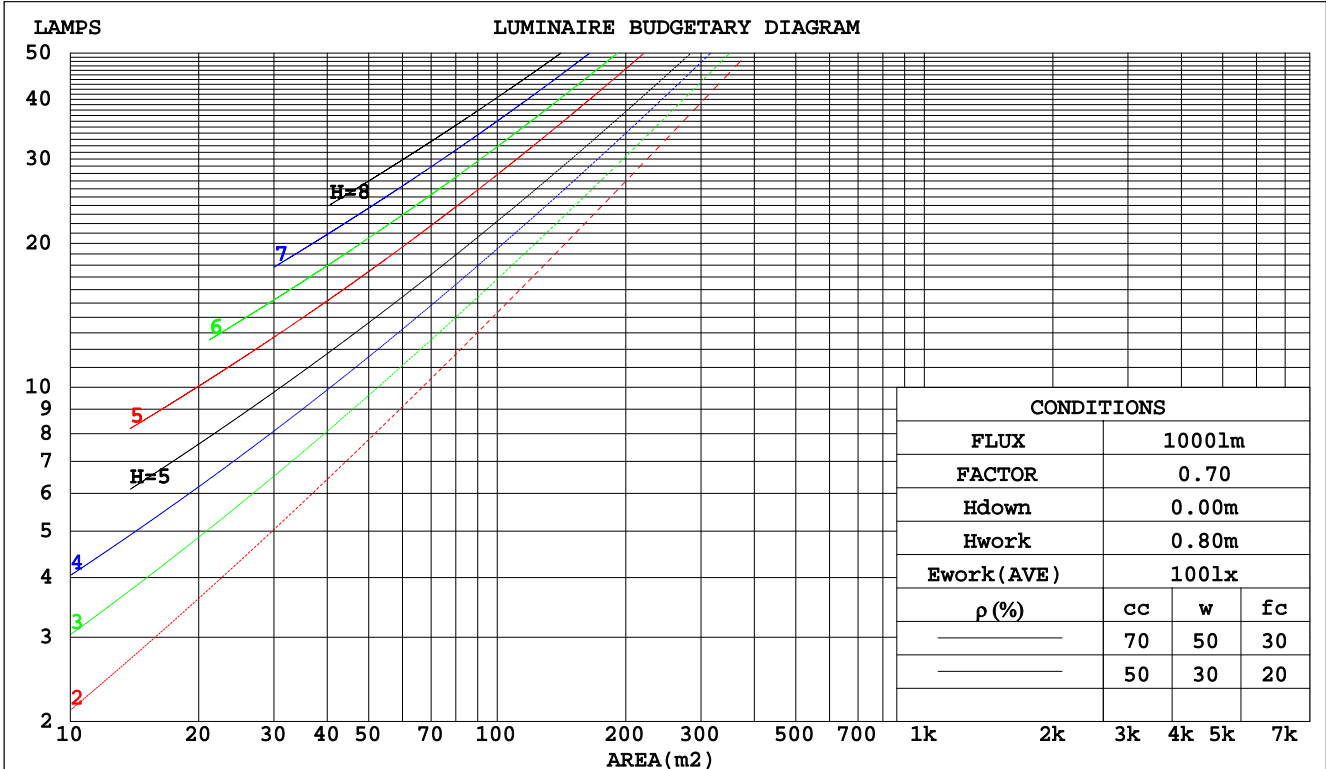
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.93
1.0	1.00	.96	.91	.97	.93	.89	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75
2.0	.87	.79	.73	.84	.78	.72	.80	.74	.69	.75	.71	.67	.71	.67	.64	.61
3.0	.76	.67	.60	.74	.66	.60	.70	.63	.58	.66	.60	.56	.63	.58	.54	.51
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.52	.47	.56	.50	.46	.44
5.0	.60	.51	.44	.58	.50	.43	.55	.48	.42	.53	.46	.41	.50	.44	.40	.38
6.0	.54	.45	.38	.52	.44	.38	.50	.42	.37	.48	.41	.36	.45	.40	.35	.33
7.0	.49	.40	.33	.48	.39	.33	.45	.38	.32	.43	.37	.32	.41	.35	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.41	.32	.27	.40	.32	.26	.38	.31	.26	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.24	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	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	.346	.197	.062	.337	.192	.061	.319	.183	.059	.303	.175	.056	.289	.167	.054	
2.0	.311	.170	.052	.302	.167	.051	.287	.160	.050	.273	.153	.048	.260	.147	.046	
3.0	.281	.150	.045	.274	.147	.044	.260	.141	.043	.247	.136	.042	.236	.130	.040	
4.0	.257	.133	.039	.250	.131	.039	.238	.126	.038	.226	.121	.037	.215	.117	.036	
5.0	.235	.120	.035	.229	.118	.034	.218	.114	.033	.208	.110	.033	.198	.106	.032	
6.0	.217	.109	.031	.212	.107	.031	.202	.103	.030	.192	.100	.029	.183	.097	.029	
7.0	.201	.099	.028	.196	.098	.028	.187	.095	.027	.179	.092	.027	.171	.089	.026	
8.0	.187	.092	.026	.183	.090	.025	.175	.087	.025	.167	.085	.024	.160	.082	.024	
9.0	.175	.085	.024	.171	.083	.023	.164	.081	.023	.157	.078	.022	.150	.076	.022	
10.0	.164	.079	.022	.161	.078	.022	.154	.075	.021	.147	.073	.021	.141	.071	.020	

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	.243	.243	.243	.207	.207	.207	.142	.142	.142	.081	.081	.081	.026	.026	.026	
1.0	.235	.208	.184	.201	.179	.158	.138	.123	.110	.079	.071	.064	.025	.023	.021	
2.0	.228	.185	.149	.195	.159	.128	.134	.110	.090	.077	.064	.053	.025	.021	.017	
3.0	.220	.168	.126	.188	.145	.109	.129	.100	.077	.075	.059	.045	.024	.019	.015	
4.0	.212	.155	.111	.182	.134	.096	.125	.093	.068	.072	.055	.040	.023	.018	.013	
5.0	.204	.144	.100	.176	.125	.087	.121	.087	.061	.070	.051	.036	.023	.017	.012	
6.0	.197	.136	.092	.169	.118	.080	.117	.083	.057	.068	.049	.034	.022	.016	.011	
7.0	.190	.129	.087	.164	.112	.076	.113	.079	.054	.066	.046	.032	.021	.015	.011	
8.0	.184	.124	.082	.158	.107	.072	.109	.075	.051	.064	.044	.030	.021	.015	.010	
9.0	.177	.119	.079	.153	.103	.069	.106	.072	.049	.062	.043	.029	.020	.014	.010	
10.0	.172	.115	.077	.148	.099	.067	.103	.070	.047	.060	.041	.028	.019	.014	.009	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	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	19.1	20.6	19.5	20.9	21.2	19.1	20.6	19.5	20.9	21.2
3H	20.9	22.2	21.3	22.6	22.9	20.9	22.2	21.2	22.6	22.9
4H	21.7	23.0	22.1	23.4	23.8	21.7	23.0	22.1	23.4	23.8
6H	22.6	23.8	23.0	24.2	24.6	22.6	23.8	23.0	24.2	24.6
8H	23.0	24.2	23.4	24.6	25.0	23.0	24.2	23.4	24.6	25.0
12H	23.5	24.6	23.9	25.0	25.5	23.5	24.6	23.9	25.0	25.5
4H 2H	19.8	21.1	20.2	21.4	21.8	19.8	21.0	20.2	21.4	21.8
3H	21.7	22.9	22.2	23.3	23.7	21.7	22.9	22.2	23.3	23.7
4H	22.7	23.8	23.2	24.2	24.7	22.7	23.8	23.2	24.2	24.7
6H	23.8	24.7	24.3	25.2	25.7	23.8	24.7	24.3	25.2	25.7
8H	24.3	25.2	24.8	25.7	26.2	24.3	25.2	24.8	25.7	26.2
12H	24.9	25.7	25.4	26.2	26.8	24.9	25.7	25.4	26.2	26.8
8H 4H	23.2	24.0	23.7	24.5	25.0	23.2	24.0	23.7	24.5	25.0
6H	24.4	25.2	25.0	25.7	26.3	24.4	25.2	25.0	25.7	26.3
8H	25.1	25.8	25.7	26.3	26.9	25.1	25.8	25.7	26.3	26.9
12H	25.9	26.5	26.5	27.1	27.7	25.9	26.5	26.5	27.1	27.7
12H 4H	23.2	24.0	23.8	24.5	25.1	23.2	24.0	23.8	24.5	25.1
6H	24.6	25.2	25.2	25.8	26.4	24.6	25.3	25.2	25.8	26.4
8H	25.4	26.0	26.0	26.5	27.1	25.4	26.0	26.0	26.5	27.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2283 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A

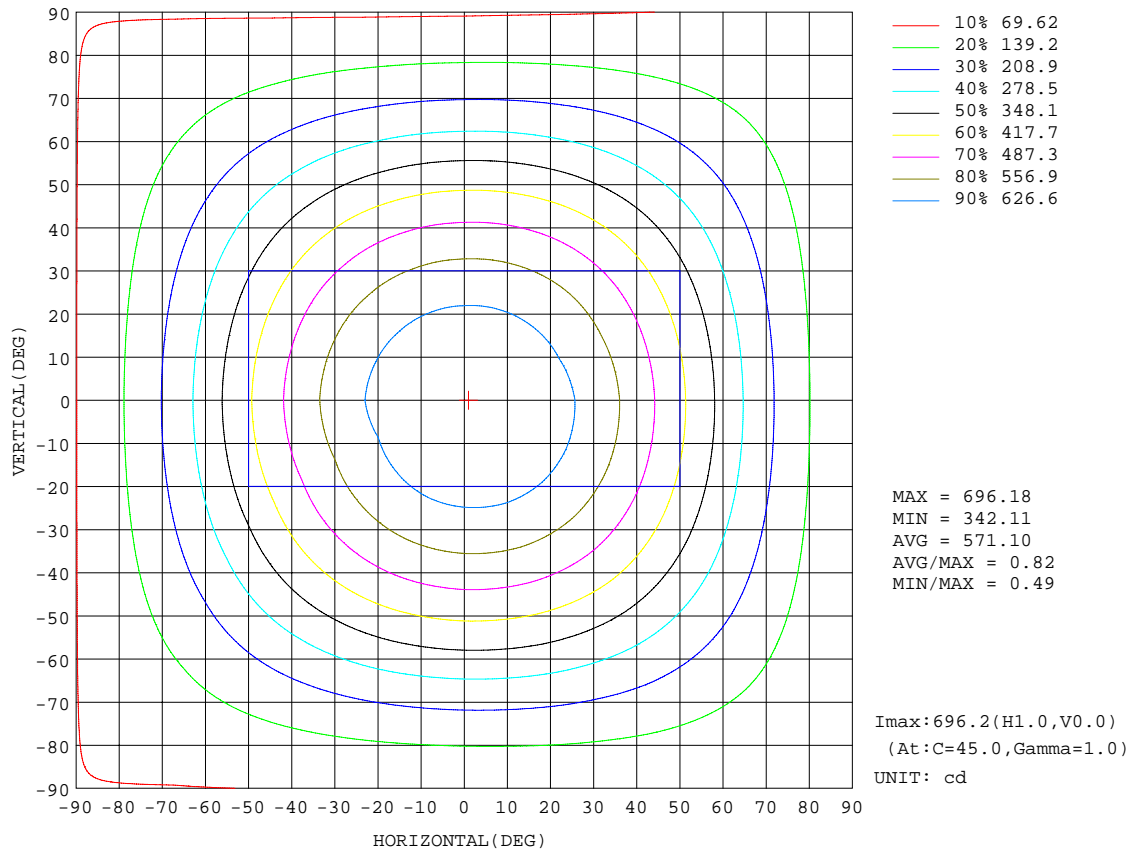
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	62	51	44	60	50	43	36
1.00	72	60	52	70	59	52	67	60	51	43
1.25	79	67	60	77	66	59	73	64	58	50
1.50	84	73	65	82	72	65	78	69	63	54
2.00	91	81	74	88	79	73	84	77	71	61
2.50	95	86	79	92	84	78	87	81	75	65
3.00	98	90	84	95	88	83	90	85	80	69
4.00	102	96	90	99	93	88	94	89	85	74
5.00	105	99	94	102	97	92	96	92	88	77
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:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

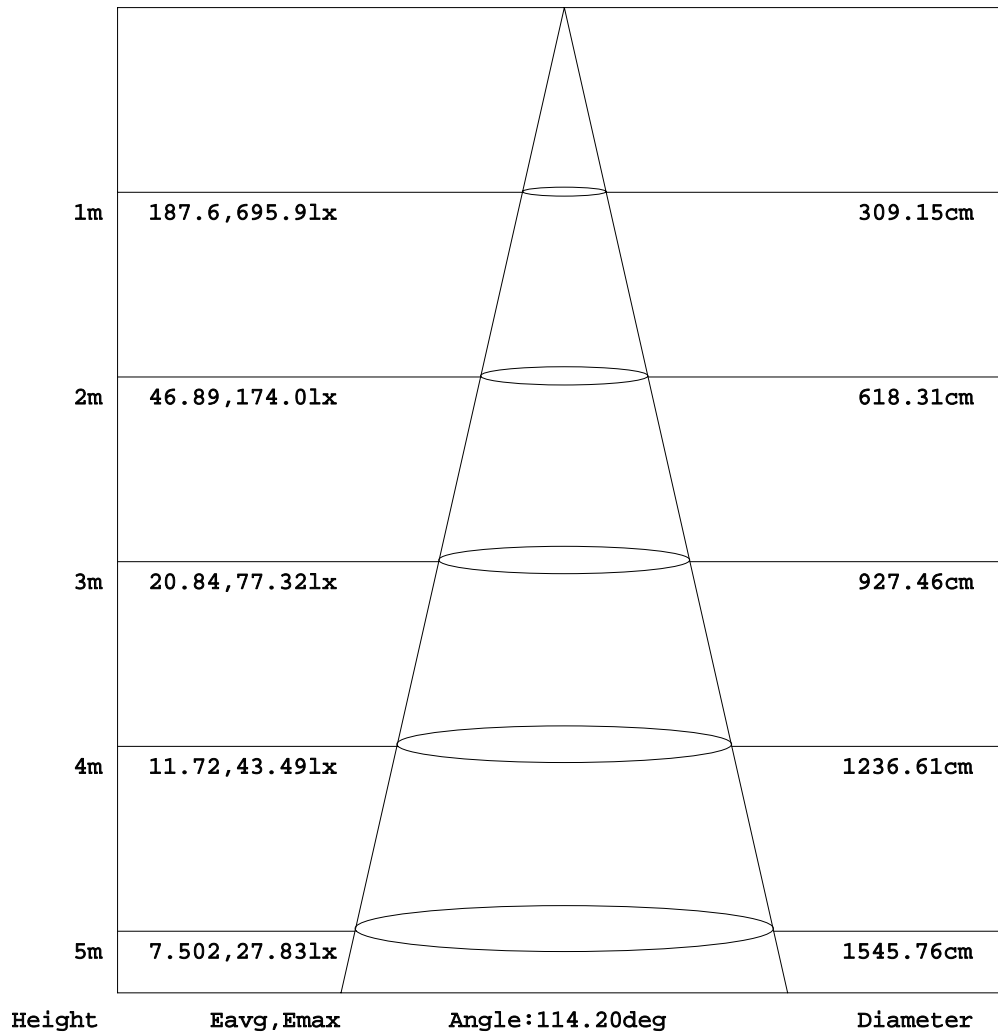
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A

Flux out:1509 lm



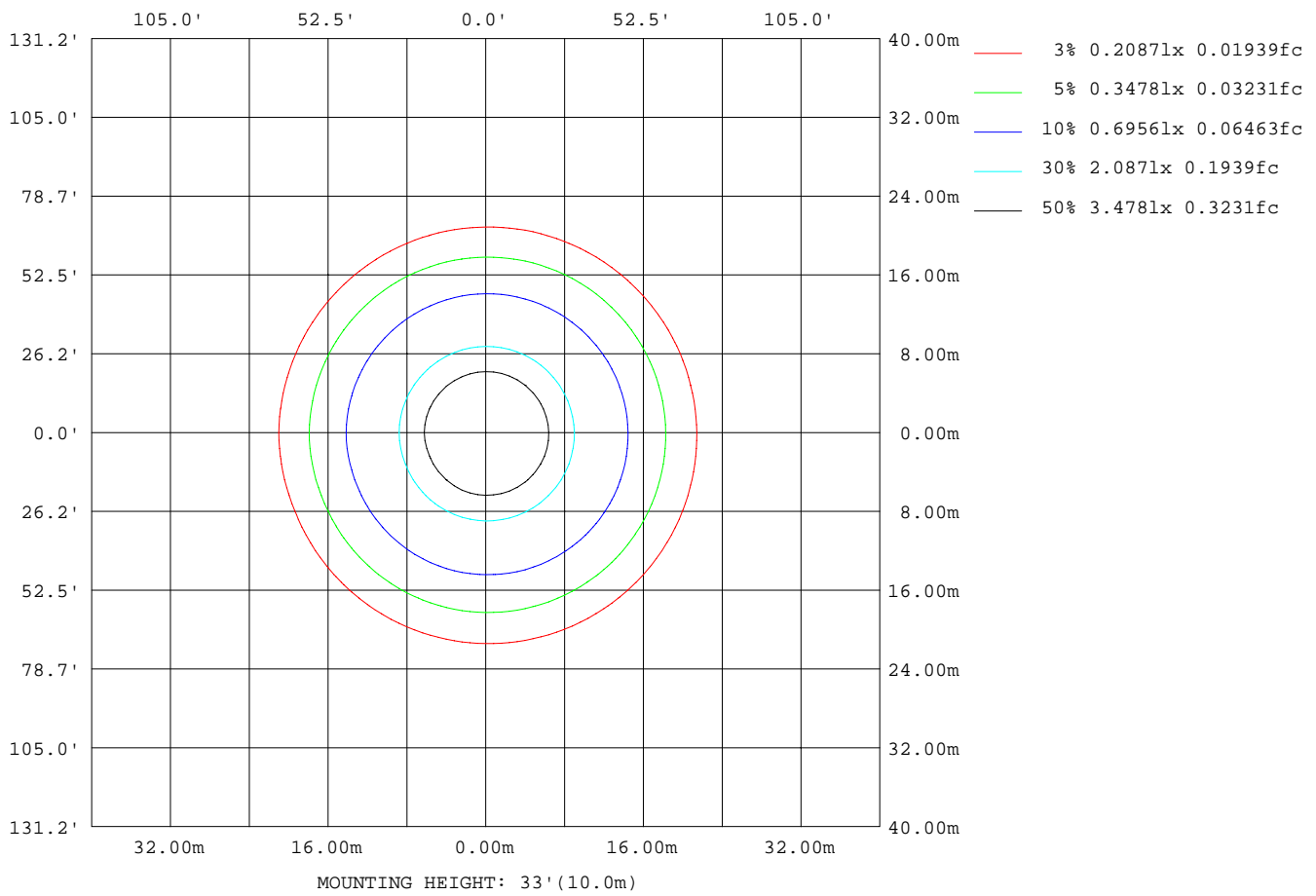
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	SUR.:N/A	Shielding Angle:N/A

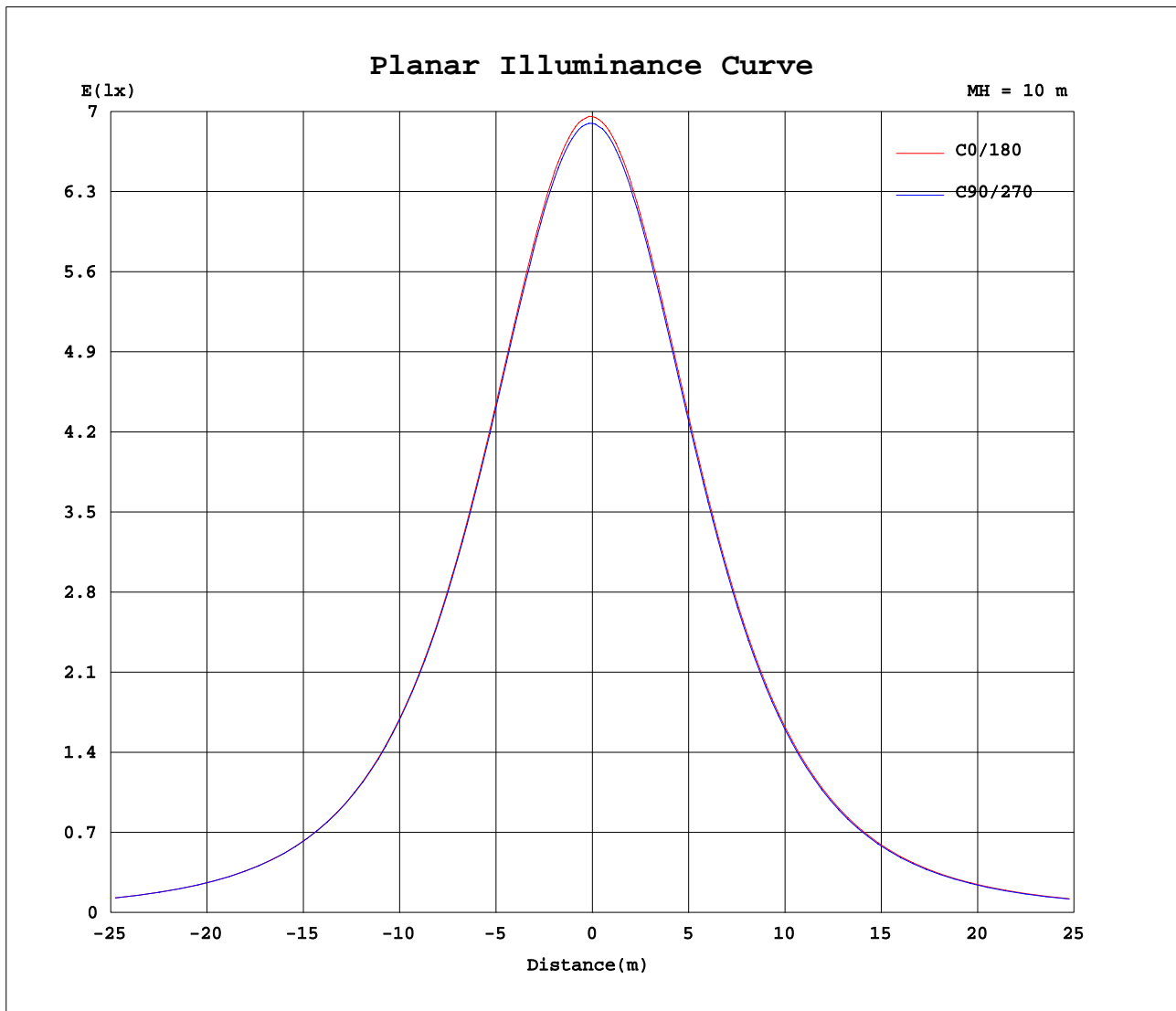
AvgL	cd/m2
L_0~180(65)av	6258
L_0~180(75)av	6711
L_0~180(85)av	11606
L_90~270(65)av	6246
L_90~270(75)av	6688
L_90~270(85)av	11474
L_45(65)av	6252
L_45(75)av	6699
L_45(85)av	11549

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:47%  
 Test Distance:2.437m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature: 25.3DEG  
 Operators: ben  
 Test Date: 2016-08-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity: 47%  
 Test Distance: 2.437m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2235A P:26.18W PF:0.9761 Lamp Flux:2283x1 lm		
NAME: LED ceil light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Rising-Sun	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	690	691	690	690	689	688	687	686	686	686	685	685	686	687	688	689			
10	682	684	684	684	682	680	678	676	676	674	674	674	676	677	679	682			
15	669	671	672	671	670	666	663	660	659	658	657	658	660	662	665	668			
20	650	653	654	653	651	647	643	639	638	636	634	635	637	641	645	650			
25	626	629	630	629	626	622	617	612	611	608	606	607	610	614	620	625			
30	596	599	601	600	597	592	586	580	579	575	574	575	578	583	588	595			
35	561	565	566	565	562	556	549	543	542	538	536	537	541	546	553	559			
40	521	525	527	526	522	516	509	502	501	497	494	495	499	505	512	519			
45	476	481	483	482	478	471	464	457	455	451	449	450	453	459	467	475			
50	428	433	435	434	430	424	416	409	408	403	401	401	405	411	418	427			
55	377	382	384	383	379	373	366	359	357	353	350	351	354	360	368	376			
60	325	330	332	331	327	322	315	308	306	302	299	300	303	308	316	324			
65	273	278	280	279	275	270	263	257	256	251	249	250	253	258	264	272			
70	224	229	231	229	226	222	216	210	209	206	204	204	206	211	217	223			
75	180	184	185	185	182	177	173	168	168	164	162	162	164	168	173	179			
80	139	143	145	144	141	138	134	130	130	127	125	125	127	130	134	139			
85	105	108	109	108	106	104	101	97.8	97.3	94.6	92.9	92.4	93.8	96.4	100	104			
90	74.0	76.2	77.2	76.8	75.5	73.2	70.9	68.4	68.2	65.9	64.2	63.6	64.6	66.9	70.1	73.5			
95	47.6	49.1	50.0	49.8	48.9	47.1	45.4	43.5	43.7	42.0	40.6	40.0	40.7	42.3	44.6	47.3			
100	28.2	29.2	29.8	29.7	29.2	28.4	27.3	26.1	26.2	25.1	24.3	23.9	24.2	25.2	26.7	28.4			
105	16.2	16.8	17.0	17.0	16.8	16.4	15.9	15.2	15.2	14.6	14.2	14.2	14.3	14.7	15.4	16.3			
110	12.8	12.9	12.7	12.4	12.1	12.1	12.4	12.9	12.8	13.1	13.2	13.3	13.3	13.2	13.1	12.9			
115	14.8	14.9	14.8	14.4	14.1	14.0	14.3	14.9	14.9	15.1	15.2	15.3	15.3	15.2	15.2	15.0			
120	16.8	16.9	16.8	16.4	16.0	15.9	16.2	16.8	16.8	17.1	17.2	17.3	17.1	17.1	17.1	17.4			
125	18.7	18.8	19.7	18.3	17.9	17.7	18.0	18.6	18.7	19.0	19.1	19.2	18.9	18.8	18.8	18.8			
130	20.5	20.5	20.5	20.0	19.6	19.4	19.7	20.3	20.5	20.7	20.9	21.0	20.5	20.4	20.4	20.5			
135	22.1	22.2	22.1	21.6	21.2	21.0	21.3	22.0	22.2	22.4	22.7	22.8	22.2	21.9	22.0	22.1			
140	23.6	23.8	23.6	23.1	22.6	22.4	22.7	24.4	23.8	24.1	24.4	24.5	24.2	23.3	23.3	24.7			
145	25.1	25.2	26.8	24.5	24.0	23.8	24.4	25.5	25.6	25.7	26.4	26.6	26.5	25.2	24.7	24.9			
150	26.5	26.5	26.1	25.9	25.4	25.2	26.5	27.7	27.5	27.9	27.5	28.4	28.7	27.3	26.1	25.7			
155	27.7	27.4	27.2	27.2	27.0	27.0	28.2	29.1	29.3	27.9	29.3	29.6	29.1	29.1	27.9	26.7			
160	28.3	28.7	28.1	27.8	28.2	28.6	29.9	28.6	27.9	28.0	30.4	30.8	30.9	28.7	26.4	28.3			
165	29.2	29.9	26.8	26.0	28.7	29.4	29.8	29.7	27.5	26.8	29.7	30.1	29.8	26.8	26.2	28.9			
170	28.3	27.7	26.6	26.1	26.5	26.5	25.4	24.1	26.8	26.8	26.7	26.7	26.8	26.1	25.4	26.2			
175	23.1	21.6	21.5	21.2	21.5	20.5	18.7	18.4	20.8	20.8	19.8	20.1	20.5	19.8	19.3	20.4			
180	24.8	21.7	20.7	23.1	25.4	25.7	23.3	25.1	24.4	24.5	24.6	22.3	19.3	20.8	20.3	20.0			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:ben  
 Test Date:2016-08-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
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 Humidity:47%  
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