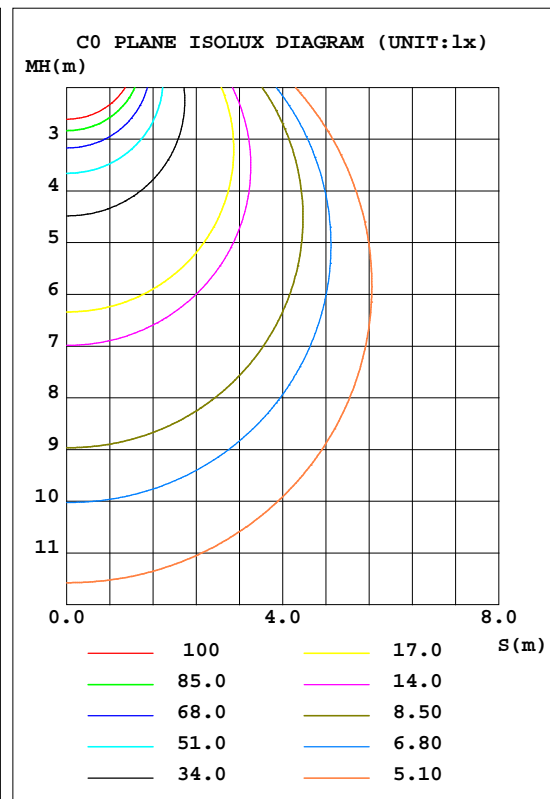
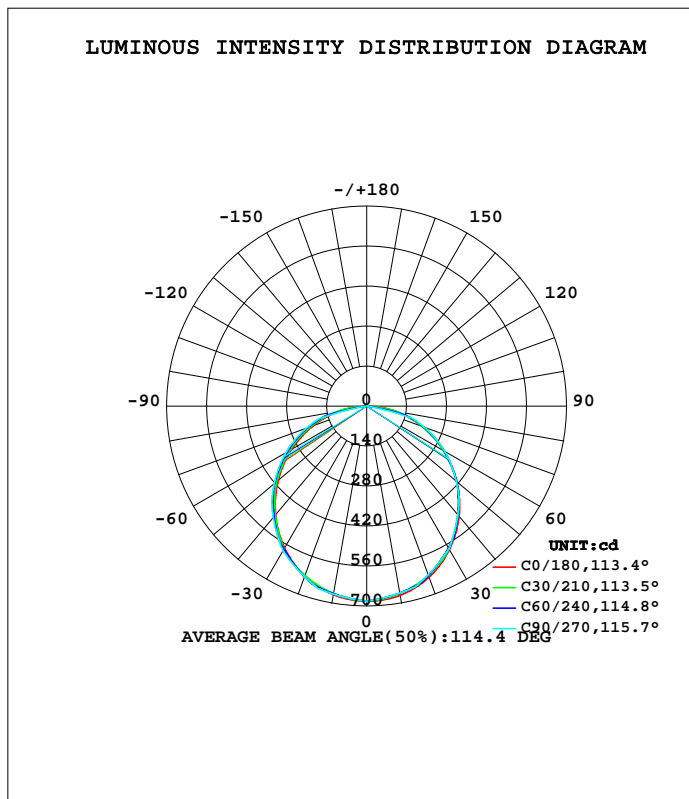


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YJR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.87 lm/W			
MODEL	YJR24W4K	I <sub>max</sub> (cd)	683.3	S/MH(C0/180)	1.26
NOMINAL POWER(W)	24	LOR(%)	98.9	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1977.7	η UP, DN(C0-180)	0.0, 49.0
NOMINAL FLUX(lm)	2000	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.9	η down(%)	98.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: FHX  
 Test Date: 2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity: 65.0%  
 Test Distance: 14.690m [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
5	681.0	675.5	674.0	674.9	679.9	676.2	675.8	676.8	0- 5	16.23	16.23	0.82,0.81
10	673.1	664.8	664.8	663.7	670.9	666.3	668.4	667.4	5- 10	48.03	64.27	3.25,3.21
15	658.4	651.0	655.5	649.5	655.3	653.4	660.9	654.7	10- 15	78.33	142.6	7.21,7.13
20	638.0	634.2	629.1	632.6	634.0	637.8	636.0	639.3	15- 20	106.1	248.7	12.6,12.4
25	611.6	604.7	602.6	602.5	606.7	608.8	611.1	610.5	20- 25	129.9	378.6	19.1,18.9
30	580.1	571.6	576.2	568.6	574.5	576.0	586.2	578.4	25- 30	149.5	528.1	26.7,26.4
35	543.9	537.4	536.7	533.2	537.4	541.7	547.7	544.9	30- 35	164.4	692.5	35,34.6
40	503.7	500.5	497.2	495.3	496.3	504.7	509.2	509.0	35- 40	173.5	866.0	43.8,43.3
45	459.8	454.1	457.6	449.3	451.7	459.3	470.7	462.9	40- 45	177.2	1043	52.7,52.2
50	413.1	407.8	409.9	403.3	403.9	413.9	423.1	416.8	45- 50	175.6	1219	61.6,60.9
55	363.3	361.6	362.2	357.4	354.5	368.7	375.4	370.8	50- 55	168.3	1387	70.1,69.4
60	311.8	309.7	314.5	304.7	303.1	315.9	327.8	318.7	55- 60	156.1	1543	78,77.2
65	258.8	259.0	263.8	252.9	249.9	264.3	276.1	267.7	60- 65	139.6	1683	85.1,84.1
70	205.1	207.6	213.1	201.3	196.4	211.8	224.4	215.6	65- 70	119.0	1802	91.1,90.1
75	151.4	155.2	162.4	149.4	142.9	158.4	172.7	162.1	70- 75	95.53	1897	95.9,94.9
80	99.02	88.85	0	84.62	90.64	90.81	0	93.62	75- 80	61.08	1958	99,97.9
85	41.92	0	0	0	28.74	0	0	0	80- 85	17.55	1976	99.9,98.8
90	1.327	0	0	0	0.5378	0	0	0	85- 90	1.699	1978	100,98.9
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

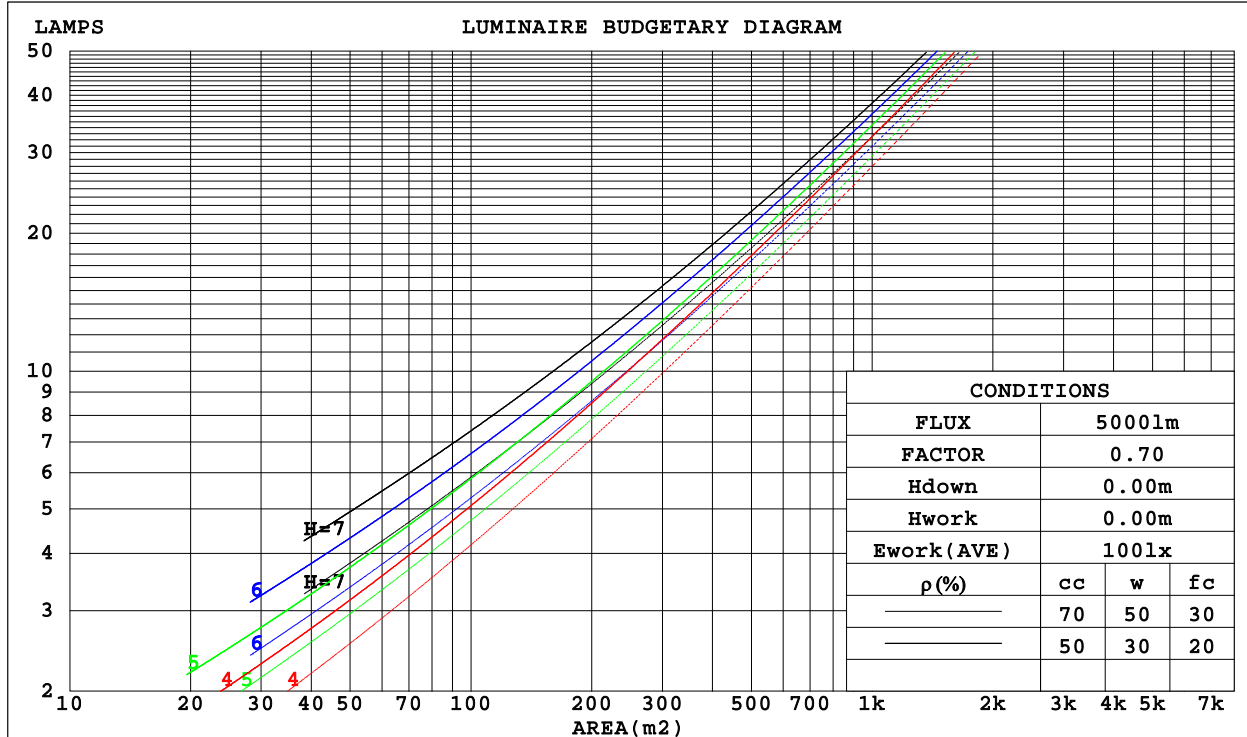
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YZR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.89	.83	.77	.87	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.64	.60	.57
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.52	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.45	.55	.49	.44	.42
6.0	.55	.46	.40	.54	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.39	.37
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YZR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION 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	.304	.173	.055	.297	.169	.054	.284	.163	.052	.272	.157	.050	.260	.151	.049	
2.0	.290	.159	.049	.283	.156	.048	.272	.151	.047	.261	.146	.046	.251	.142	.045	
3.0	.269	.143	.043	.263	.141	.042	.253	.137	.042	.244	.133	.041	.235	.130	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.226	.121	.037	.218	.118	.036	
5.0	.229	.117	.034	.225	.116	.034	.217	.113	.033	.209	.111	.033	.202	.108	.033	
6.0	.213	.107	.031	.209	.105	.030	.202	.103	.030	.195	.101	.030	.189	.099	.029	
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.147	.074	.021	

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	.188	.188	.188	.161	.161	.161	.110	.110	.110	.063	.063	.063	.020	.020	.020	
1.0	.178	.154	.133	.152	.133	.115	.104	.091	.079	.060	.053	.046	.019	.017	.015	
2.0	.170	.130	.097	.146	.112	.084	.100	.078	.058	.058	.045	.034	.019	.015	.011	
3.0	.163	.113	.073	.140	.098	.063	.096	.068	.045	.055	.040	.026	.018	.013	.009	
4.0	.156	.100	.057	.133	.086	.050	.092	.060	.035	.053	.035	.021	.017	.011	.007	
5.0	.148	.090	.046	.127	.078	.040	.088	.054	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.081	.039	.121	.070	.034	.084	.049	.024	.049	.029	.014	.016	.009	.005	
7.0	.134	.075	.033	.116	.065	.028	.080	.045	.020	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.028	.110	.060	.025	.076	.042	.017	.044	.025	.010	.014	.008	.003	
9.0	.122	.064	.025	.105	.055	.022	.073	.039	.015	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.022	.100	.052	.019	.069	.036	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

Uncorrected UGR Table

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm										
NAME: YZR24W4K					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:1		
MFR.: JNC					SUR.:			PROTECTION 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	19.3	20.8	19.6	21.0	21.2	19.4	20.9	19.6	21.1	21.3
3H	20.9	22.4	21.2	22.6	22.8	21.1	22.5	21.4	22.8	23.0
4H	21.7	23.0	22.0	23.3	23.5	21.9	23.2	22.2	23.5	23.8
6H	22.2	23.5	22.5	23.8	24.0	22.0	23.3	22.3	23.5	23.8
8H	22.4	23.6	22.7	23.9	24.2	21.9	23.2	22.3	23.5	23.7
12H	22.5	23.7	22.8	23.9	24.3	21.9	23.1	22.2	23.4	23.7
4H 2H	20.0	21.3	20.3	21.6	21.8	20.0	21.4	20.3	21.6	21.9
3H	21.8	23.0	22.2	23.3	23.6	22.0	23.2	22.3	23.4	23.8
4H	22.7	23.7	23.0	24.1	24.4	22.9	24.0	23.3	24.3	24.6
6H	23.4	24.3	23.8	24.7	25.0	23.0	24.0	23.4	24.4	24.7
8H	23.6	24.5	24.0	24.8	25.2	23.0	23.9	23.4	24.3	24.6
12H	23.7	24.5	24.1	24.9	25.3	23.0	23.8	23.4	24.2	24.6
8H 4H	23.0	23.9	23.4	24.3	24.7	23.2	24.1	23.6	24.5	24.9
6H	23.9	24.6	24.3	25.0	25.5	23.4	24.2	23.9	24.6	25.0
8H	24.2	24.9	24.7	25.3	25.8	23.4	24.0	23.8	24.5	24.9
12H	24.5	25.0	24.9	25.5	25.9	23.4	23.9	23.8	24.4	24.8
12H 4H	23.0	23.8	23.4	24.2	24.6	23.2	24.1	23.7	24.4	24.9
6H	23.9	24.6	24.4	25.0	25.4	23.5	24.1	23.9	24.6	25.0
8H	24.3	24.8	24.7	25.3	25.7	23.4	24.0	23.9	24.4	24.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.3				
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 2000 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.4)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YJR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:

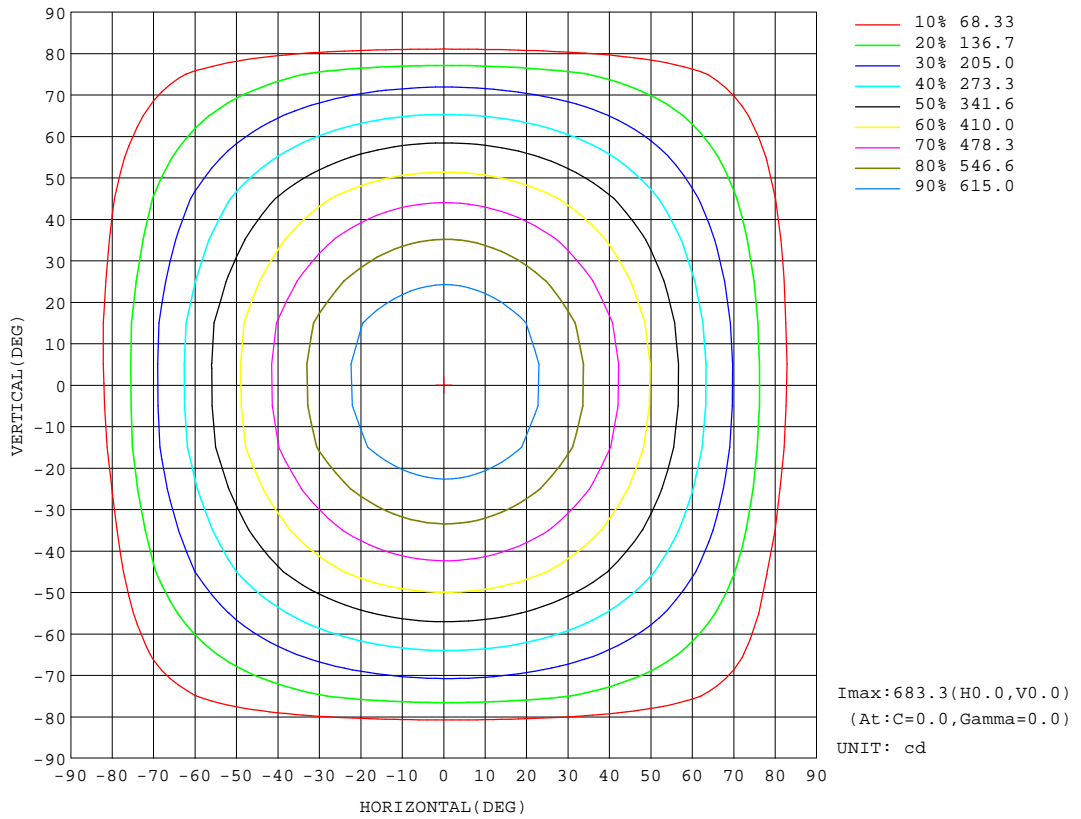
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	45	38	56	45	38	55	44	38	31
0.80	66	55	47	65	54	47	64	54	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	78	69	63	56
1.50	87	77	70	85	76	69	82	74	68	61
2.00	94	85	79	92	84	78	88	82	76	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	101	94	89	99	93	88	95	90	86	77
4.00	105	100	95	103	98	94	99	94	91	82
5.00	108	103	99	105	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YJR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:



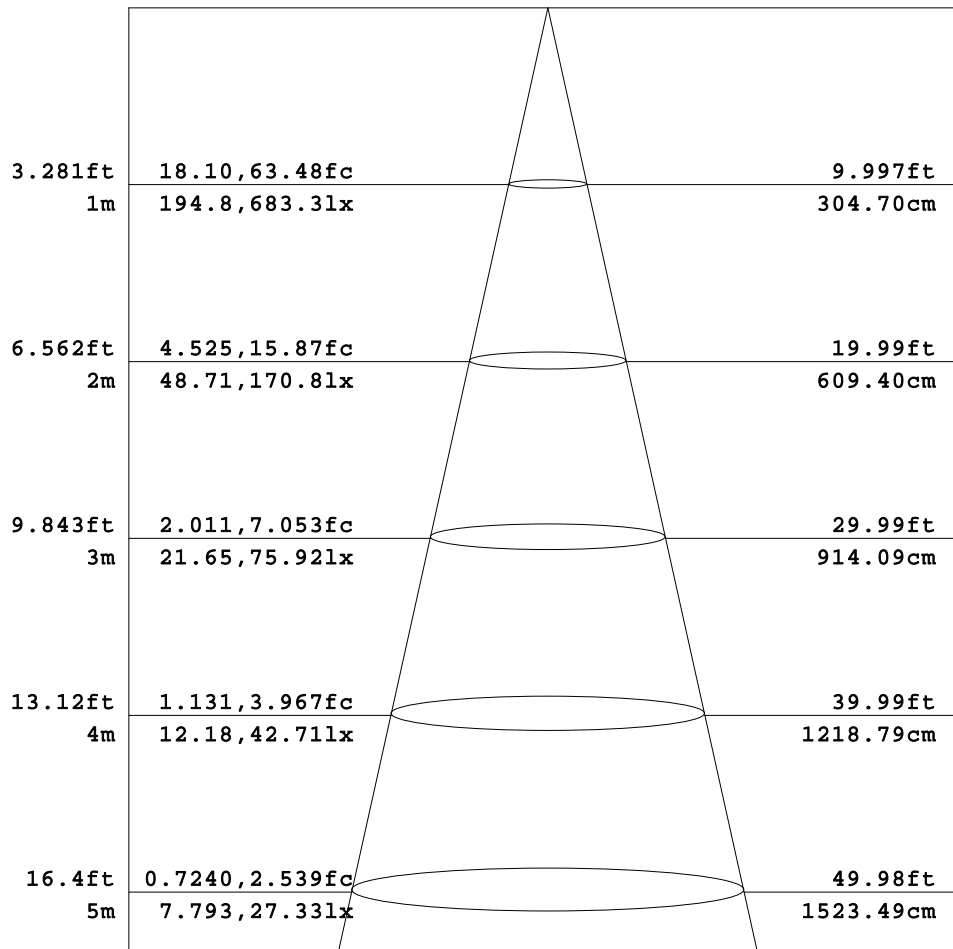
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:FHX  
Test Date:2015-09-28

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
Humidity:65.0%  
Test Distance:14.690m [K=1.0000]  
Remarks:

AAI Figure

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YJR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Flux out:1451 lm



Height Eavg, Emax Angle: 113.44deg Diameter

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

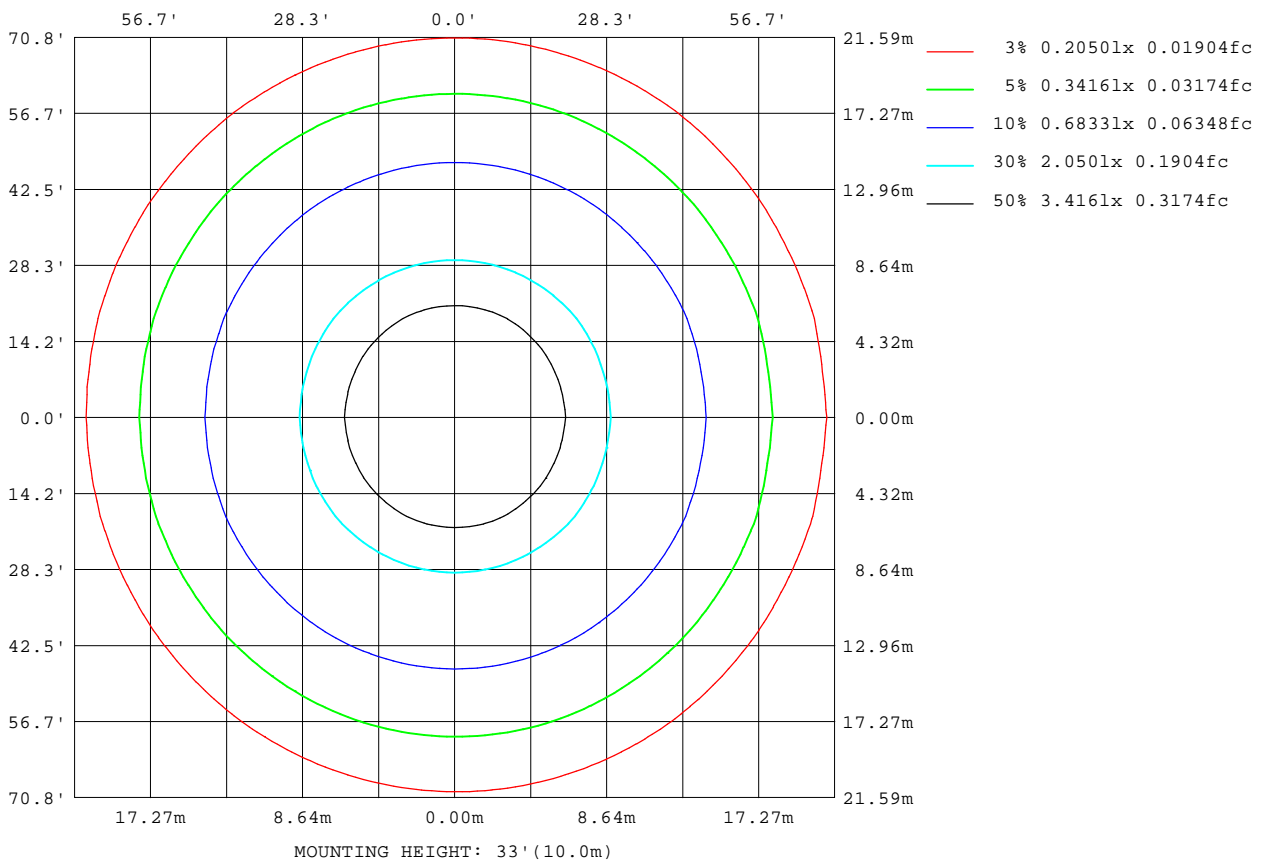
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: FHX  
 Test Date: 2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity: 65.0%  
 Test Distance: 14.690m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

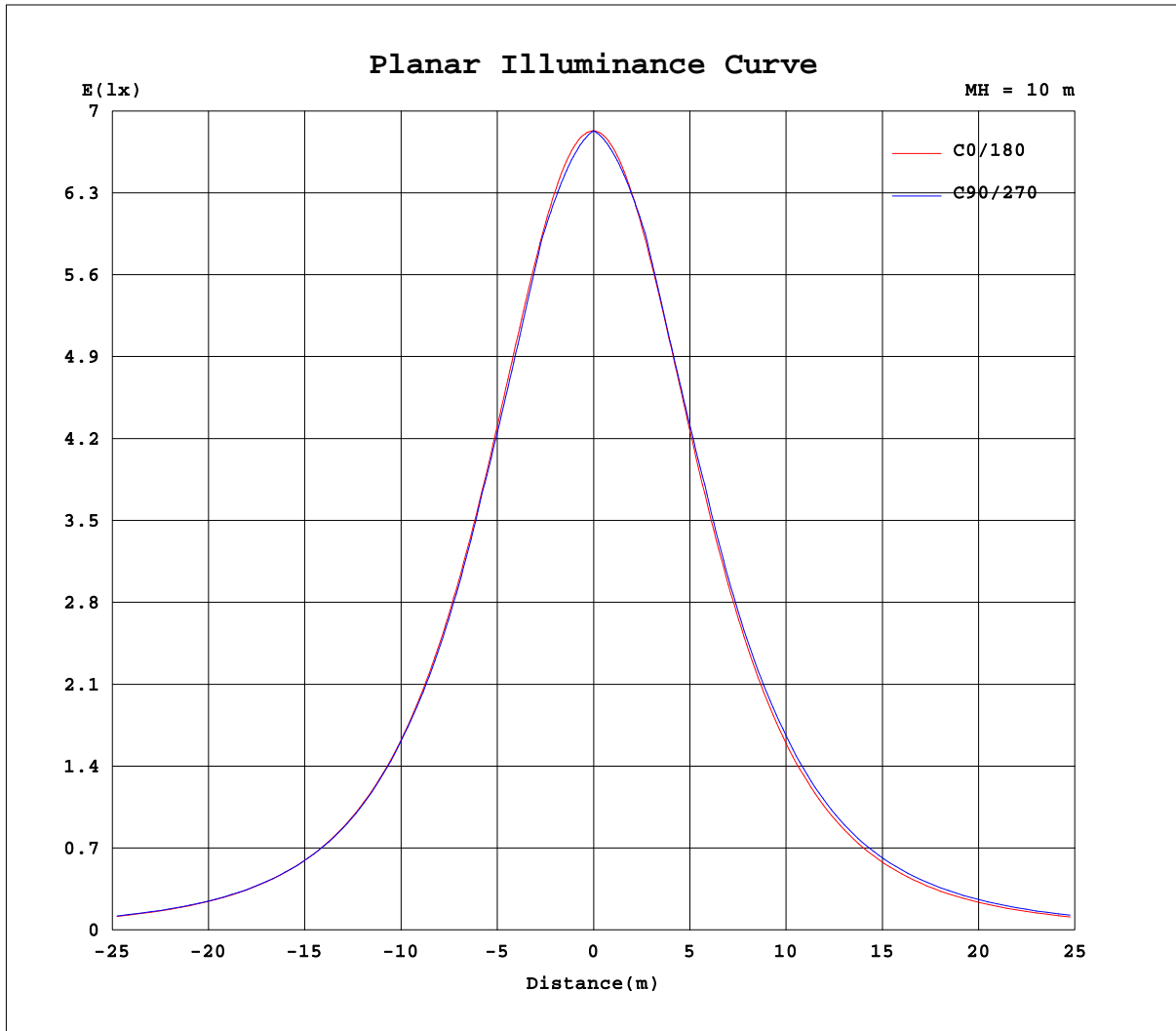
Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YZR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: FHX  
 Test Date: 2015-09-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity: 65.0%  
 Test Distance: 14.690m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YJR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683
5	681	680	679	679	678	677	677	676	676	676	675	675	675	674	674	674	674	674	674
10	673	671	670	669	668	667	666	666	665	665	665	665	665	665	665	665	665	665	665
15	658	656	654	653	652	651	650	650	650	651	652	652	653	654	654	655	655	655	656
20	638	635	633	631	630	630	630	631	632	634	634	633	632	631	630	630	629	629	629
25	612	608	605	604	604	605	606	608	606	605	604	603	603	603	603	603	603	603	603
30	580	576	573	573	574	575	575	573	572	572	572	572	573	574	575	576	576	576	576
35	544	539	537	537	539	539	537	536	536	537	539	541	540	539	538	538	537	537	537
40	504	499	497	498	499	497	496	497	499	500	499	498	497	497	497	497	497	497	497
45	460	455	454	456	454	453	454	457	455	454	454	454	455	455	456	457	457	458	458
50	413	408	408	408	407	408	410	408	408	408	409	410	411	410	410	410	410	410	410
55	363	359	360	358	359	361	359	359	360	362	361	361	361	362	362	362	362	362	362
60	312	307	308	307	310	308	308	310	310	310	310	311	312	313	314	314	315	315	315
65	259	255	255	257	255	256	257	257	258	259	260	262	262	263	263	264	264	264	264
70	205	202	202	202	203	203	204	205	207	208	208	209	210	211	212	213	213	213	213
75	151	148	150	149	149	151	152	153	154	155	156	158	159	160	161	162	162	162	162
80	99.0	94.2	91.0	96.0	98.6	99.0	100.0	101	103	88.8	71.8	55.9	41.8	29.4	19.0	10.8	4.83	1.21	0.00
85	41.9	29.1	36.6	42.7	42.8	21.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YJR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683
5	674	674	674	674	674	674	674	675	675	675	676	676	677	677	678	678	679	680	679
10	665	665	664	664	664	664	664	664	664	664	664	664	665	666	667	668	669	671	670
15	655	655	654	654	653	652	651	650	649	649	649	648	649	649	650	651	653	655	654
20	629	629	629	629	630	630	631	633	633	631	629	628	627	627	628	629	631	634	632
25	602	602	602	601	601	601	601	602	602	604	606	604	602	601	601	601	603	607	604
30	576	575	574	573	572	570	569	569	569	569	570	573	572	570	569	569	571	574	572
35	536	536	536	536	536	536	537	535	533	532	532	533	536	536	533	532	534	537	535
40	497	496	496	495	494	494	494	494	495	494	492	492	492	496	494	492	492	496	494
45	457	456	455	454	453	452	451	450	449	450	451	448	447	449	452	448	448	452	449
50	410	409	409	408	408	408	407	405	403	402	402	403	401	401	403	402	401	404	402
55	362	361	360	359	359	358	357	357	357	355	353	352	353	351	352	355	352	355	353
60	314	313	312	311	309	308	307	306	305	304	305	302	300	301	300	303	301	303	303
65	263	262	261	260	259	258	257	255	253	251	251	251	249	248	248	248	249	250	251
70	212	212	210	209	208	206	204	203	201	200	198	197	196	196	194	194	196	196	199
75	162	161	160	158	157	155	153	151	149	148	146	145	143	143	143	141	143	143	145
80	1.21	4.79	10.7	18.7	28.8	40.7	54.1	68.9	84.6	96.9	95.0	93.3	91.9	90.8	87.0	82.3	81.2	90.6	92.1
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.1	37.3	36.1	29.6	24.3	28.7	41.2
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YJR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683
5	679	678	678	677	677	677	676	676	676	676	676	676	676	676	676	676	676	676	676
10	669	668	667	667	666	666	666	666	667	667	667	667	668	668	668	668	668	668	668
15	652	651	651	651	651	652	652	653	655	656	657	658	659	660	660	661	661	661	660
20	630	630	630	630	632	633	635	638	638	637	637	636	636	636	636	636	636	636	636
25	603	603	604	606	608	612	610	609	608	608	608	609	609	610	610	611	611	611	611
30	571	571	574	577	578	577	576	576	577	578	579	581	582	584	585	586	586	586	586
35	534	536	540	541	539	539	540	542	544	547	547	546	547	547	547	547	548	548	548
40	494	498	500	498	498	500	503	505	504	504	505	506	507	508	508	509	509	509	509
45	451	456	454	454	456	459	459	459	460	462	464	465	467	468	470	470	471	470	470
50	405	408	406	408	411	411	412	414	417	419	421	421	421	422	422	423	423	423	423
55	358	357	357	360	360	362	365	369	369	370	370	372	373	374	374	375	375	375	375
60	306	305	308	308	311	315	315	316	317	319	321	322	324	325	326	327	328	328	327
65	252	253	254	258	260	261	262	264	267	269	270	272	273	274	275	276	276	276	276
70	198	200	203	204	206	208	210	212	214	216	217	219	221	222	223	224	224	224	224
75	145	149	149	151	153	155	156	158	161	163	165	167	169	171	172	172	173	172	172
80	95.2	95.6	97.4	98.7	100	102	104	90.8	73.9	58.1	43.6	30.9	20.1	11.4	5.11	1.29	0.00	1.29	5.12
85	42.6	44.6	43.4	21.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.9V I:0.1084A P:22.25W PF:0.8892 Lamp Flux:2000x1 lm		
NAME: YJR24W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:1
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C( DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683				
5	676	676	676	676	676	677	677	677	677	678	678	679	679	680	680				
10	668	668	668	668	668	667	667	667	668	668	668	669	670	671	672				
15	660	659	659	658	657	656	655	654	653	653	653	653	654	655	657				
20	636	637	637	638	638	639	639	637	635	634	633	632	633	634	635				
25	611	611	610	610	610	610	611	612	613	610	608	607	606	607	609				
30	585	584	583	582	580	579	578	578	579	580	579	577	575	575	577				
35	548	548	549	549	550	547	545	543	542	542	543	543	540	539	540				
40	509	508	508	507	507	508	509	507	504	502	502	503	501	499	500				
45	469	468	467	465	464	463	463	463	465	461	458	458	459	456	456				
50	423	422	422	422	421	419	417	416	416	417	414	411	411	410	409				
55	375	374	373	372	372	371	371	368	366	365	367	364	362	362	360				
60	327	326	324	323	321	320	319	318	318	315	313	315	311	310	308				
65	275	275	274	273	272	270	268	266	264	263	261	260	261	257	256				
70	223	222	221	220	218	217	216	215	212	210	208	207	206	205	203				
75	171	170	169	167	165	164	162	160	159	158	156	154	152	152	149				
80	11.4	20.1	31.1	44.1	59.0	75.6	93.6	108	106	104	103	102	100	99.2	98.6				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.3	45.8	48.1	47.4	45.2				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:FHX  
 Test Date:2015-09-28

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:14.690m [K=1.0000]  
 Remarks: