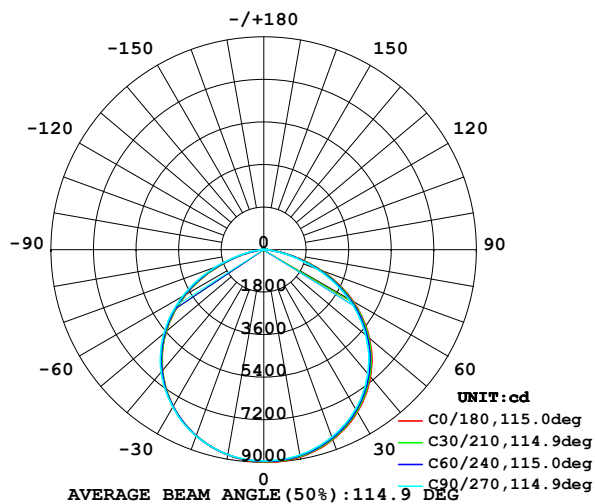


LUMINAIRE PHOTOMETRIC TEST REPORT

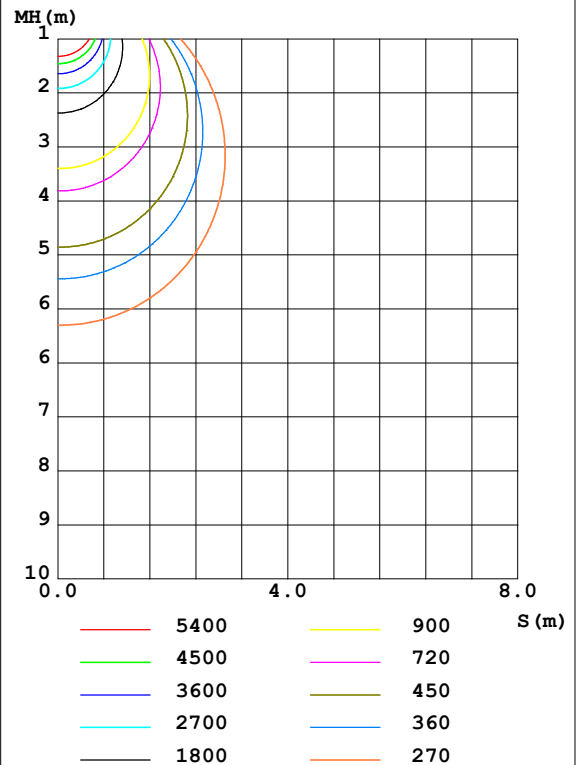
Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm		
NAME: 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.09 lm/W			
MODEL		I _{max} (cd)	8994	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)		TOTAL FLUX (lm)	25734	η UP, DN (C0-180)	0.3, 50.8
NOMINAL FLUX (lm)	25733.7	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 48.7
LAMPS INSIDE	1	η up (%)	0.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	99.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



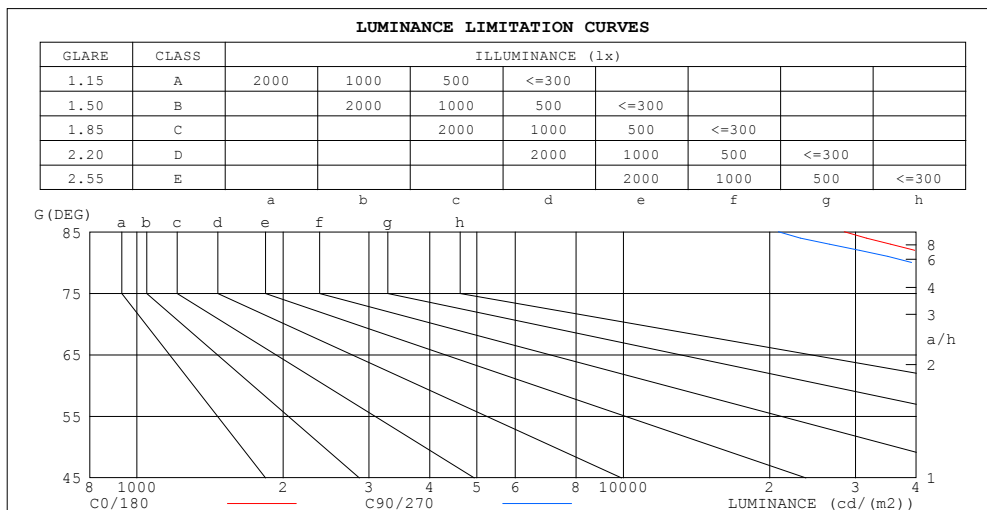
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	8911	8871	8820	8788	8821	8799	8801	8795	0- 10	847.8	847.8	3.29,3.29
20	8554	8507	8432	8387	8373	8361	8390	8395	10- 20	2443	3291	12.8,12.8
30	7926	7876	7783	7722	7659	7652	7701	7726	20- 30	3742	7033	27.3,27.3
40	7023	6967	6845	6787	6664	6671	6756	6790	30- 40	4574	11607	45.1,45.1
50	5837	5780	5633	5557	5384	5396	5518	5564	40- 50	4801	16408	63.8,63.8
60	4364	4296	4130	4039	3804	3836	3976	4046	50- 60	4330	20738	80.6,80.6
70	2605	2534	2372	2267	1966	2020	2193	2265	60- 70	3151	23889	92.8,92.8
80	840.1	797.3	679.0	609.6	391.1	433.6	543.0	597.3	70- 80	1472	25361	98.6,98.6
90	116.6	113.8	110.9	111.5	90.59	89.30	88.57	89.97	80- 90	252.2	25613	99.5,99.5
100	122.4	122.7	123.1	123.9	98.77	97.87	97.13	95.66	90-100	114.7	25728	100,100
110	0	0	0	0	0	0	0	0	100-110	5.939	25734	100,100
120	0	0	0	0	0	0	0	0	110-120	0	25734	100,100
130	0	0	0	0	0	0	0	0	120-130	0	25734	100,100
140	0	0	0	0	0	0	0	0	130-140	0	25734	100,100
150	0	0	0	0	0	0	0	0	140-150	0	25734	100,100
160	0	0	0	0	0	0	0	0	150-160	0	25734	100,100
170	0	0	0	0	0	0	0	0	160-170	0	25734	100,100
180	0	0	0	0	0	0	0	0	170-180	0	25734	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	28474	20827
80	48378	39104
75	64528	56340
70	76178	69350
65	83253	77535
60	87290	82605
55	89562	85727
50	90815	87628
45	91496	88789

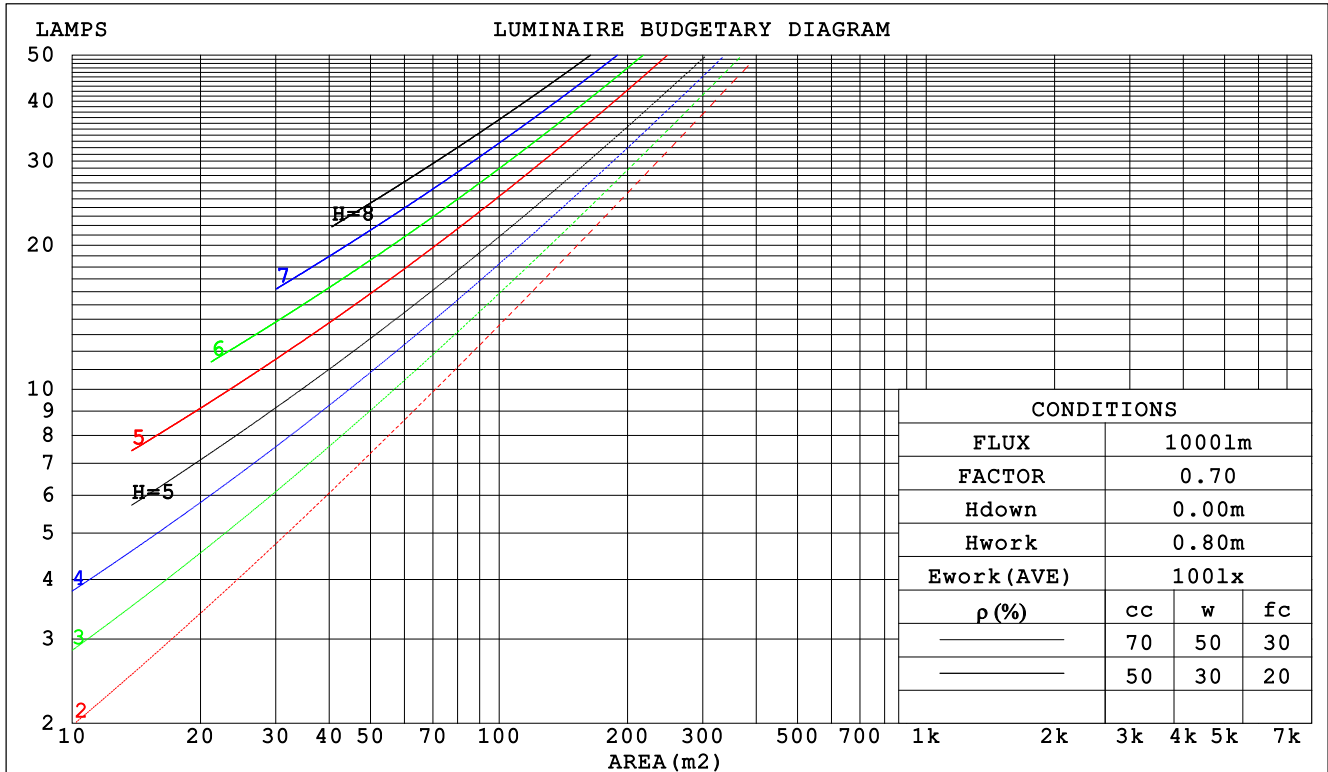
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm		
NAME: 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.05	1.00	.97	1.02	.99	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.85	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.59
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.54	.65	.59	.54	.62	.57	.53	.51
5.0	.63	.54	.48	.62	.54	.48	.60	.53	.47	.58	.52	.46	.56	.50	.46	.44
6.0	.57	.48	.42	.56	.48	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.42	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.43	.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: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm								
NAME: 200W			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.:			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	.295	.168	.053	.288	.164	.052	.274	.157	.050	.262	.151	.048	.250	.145	.047		
2.0	.283	.155	.048	.276	.152	.047	.264	.147	.046	.253	.142	.045	.243	.138	.043		
3.0	.264	.141	.042	.258	.138	.042	.248	.134	.041	.238	.131	.040	.229	.127	.039		
4.0	.245	.127	.037	.240	.126	.037	.231	.122	.037	.222	.119	.036	.214	.116	.035		
5.0	.228	.116	.034	.223	.115	.033	.215	.112	.033	.207	.109	.033	.200	.107	.032		
6.0	.212	.106	.030	.208	.105	.030	.200	.103	.030	.193	.100	.030	.187	.098	.029		
7.0	.197	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.185	.090	.025	.181	.089	.025	.175	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.160	.077	.022	.156	.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	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.160	.139	.156	.137	.120	.107	.094	.083	.062	.055	.048	.020	.018	.016	
2.0	.175	.136	.103	.150	.117	.089	.103	.081	.062	.059	.047	.036	.019	.015	.012	
3.0	.167	.118	.079	.143	.102	.068	.098	.071	.048	.057	.041	.028	.018	.013	.009	
4.0	.160	.105	.063	.137	.090	.054	.094	.063	.038	.054	.037	.023	.018	.012	.007	
5.0	.152	.094	.051	.131	.081	.045	.090	.057	.031	.052	.033	.019	.017	.011	.006	
6.0	.145	.086	.043	.125	.074	.038	.086	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.139	.079	.037	.119	.068	.032	.082	.048	.023	.048	.028	.014	.015	.009	.005	
8.0	.132	.073	.033	.114	.063	.028	.079	.045	.020	.046	.026	.012	.015	.009	.004	
9.0	.126	.068	.029	.109	.059	.025	.075	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.121	.064	.026	.104	.055	.023	.072	.039	.016	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm										
NAME: 200W					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					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	28.8	30.3	29.0	30.5	30.7	28.6	30.1	28.8	30.3	30.5
3H	30.2	31.6	30.5	31.8	32.1	29.9	31.3	30.2	31.6	31.8
4H	30.7	32.0	31.0	32.3	32.6	30.4	31.7	30.7	31.9	32.2
6H	31.0	32.2	31.3	32.5	32.8	30.6	31.8	30.9	32.1	32.4
8H	31.0	32.2	31.4	32.5	32.8	30.6	31.8	30.9	32.1	32.4
12H	31.0	32.2	31.4	32.5	32.8	30.5	31.7	30.9	32.0	32.3
4H 2H	29.3	30.7	29.7	30.9	31.2	29.2	30.5	29.5	30.8	31.0
3H	31.0	32.1	31.3	32.4	32.7	30.7	31.9	31.1	32.2	32.5
4H	31.6	32.6	31.9	32.9	33.3	31.2	32.3	31.6	32.6	33.0
6H	31.9	32.8	32.3	33.2	33.6	31.5	32.5	31.9	32.8	33.2
8H	32.0	32.8	32.4	33.2	33.6	31.6	32.4	32.0	32.8	33.2
12H	32.0	32.8	32.4	33.2	33.6	31.6	32.3	32.0	32.7	33.2
8H 4H	31.7	32.6	32.1	33.0	33.4	31.4	32.3	31.9	32.7	33.1
6H	32.2	32.9	32.6	33.3	33.7	31.8	32.5	32.3	32.9	33.4
8H	32.3	32.9	32.8	33.4	33.8	31.9	32.5	32.4	33.0	33.4
12H	32.3	32.9	32.8	33.3	33.8	31.9	32.5	32.4	32.9	33.4
12H 4H	31.7	32.5	32.1	32.9	33.3	31.4	32.2	31.9	32.6	33.0
6H	32.2	32.8	32.7	33.2	33.7	31.8	32.5	32.3	32.9	33.4
8H	32.3	32.9	32.8	33.3	33.8	31.9	32.5	32.4	32.9	33.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 25734 lm Total Lamp Luminous Flux. (8log(F/F0) = 11.3)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm		
NAME: 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
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	84	73	66	82	73	66	79	71	65	58
1.50	89	79	72	87	78	72	84	76	70	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	90	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	87	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	100	107	102	99	102	99	96	87
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YU
Test Date: 2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm		
NAME: 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

14022 lm

%lum = 54.5%

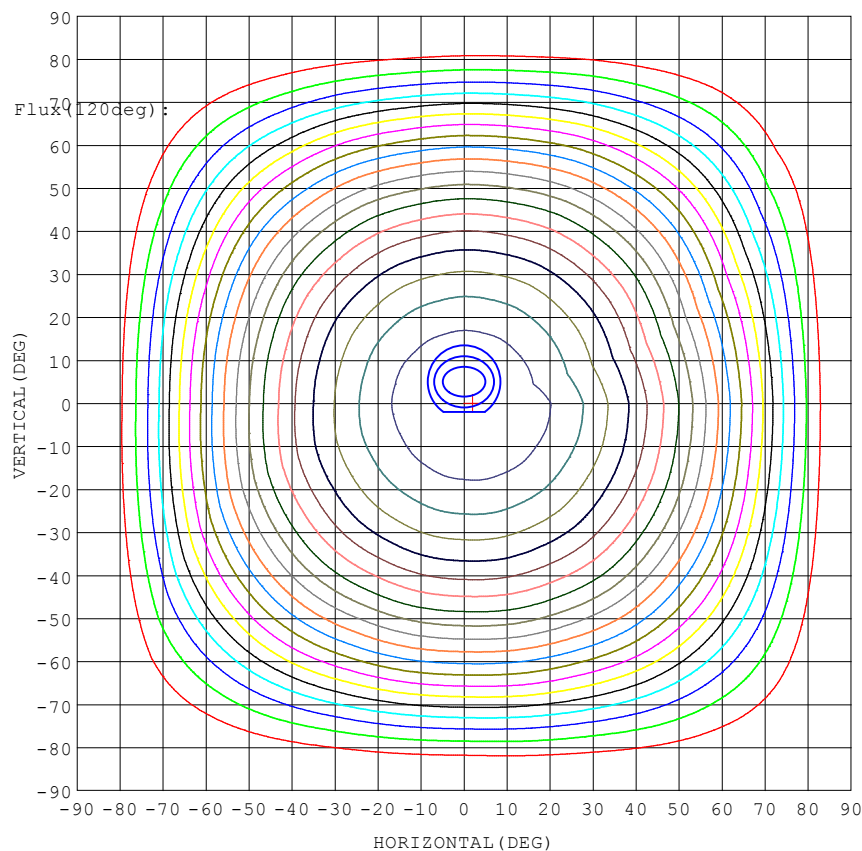
%lamp = 54.5%

Conical surface Flux(120deg):

20738 lm

%lum = 80.6%

%lamp = 80.6%



1. AVG=8889, MIN=8838
2. AVG=8875, MIN=8772
3. AVG=8855, MIN=8688

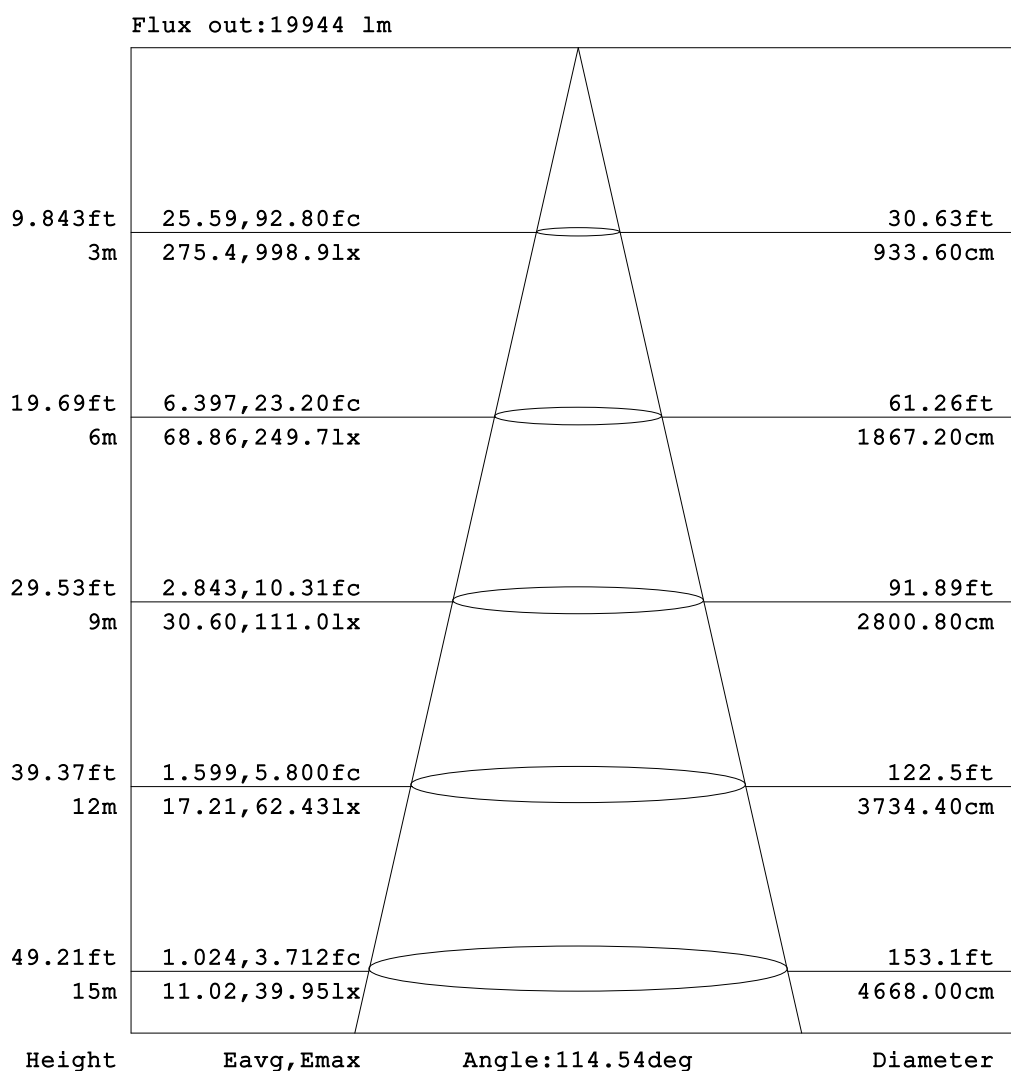
Imax:8994 (H2.0, V0.0)
(At:C=0.0, Gamma=2.0)
UNIT: cd

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm		
NAME: 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



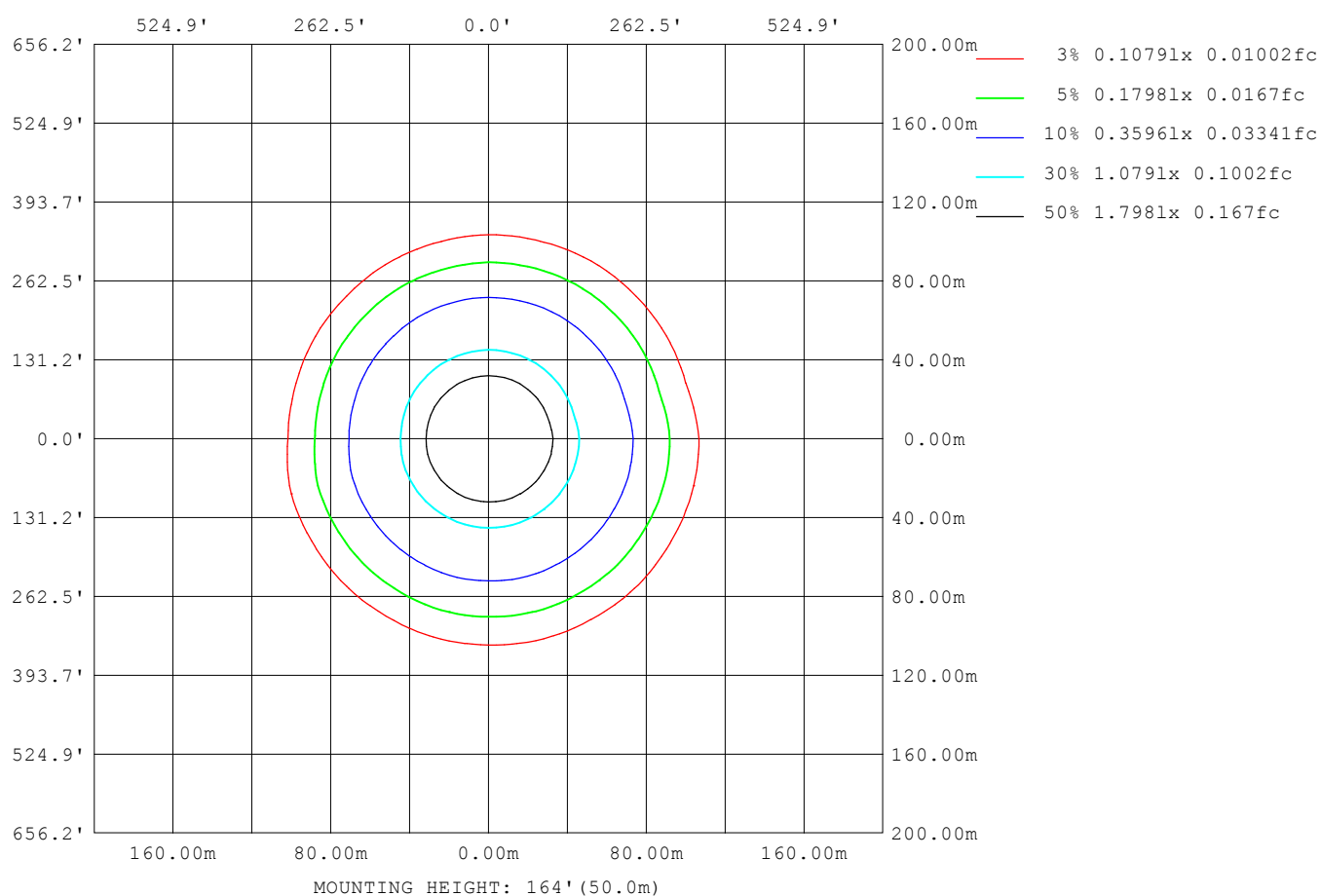
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2016-05-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

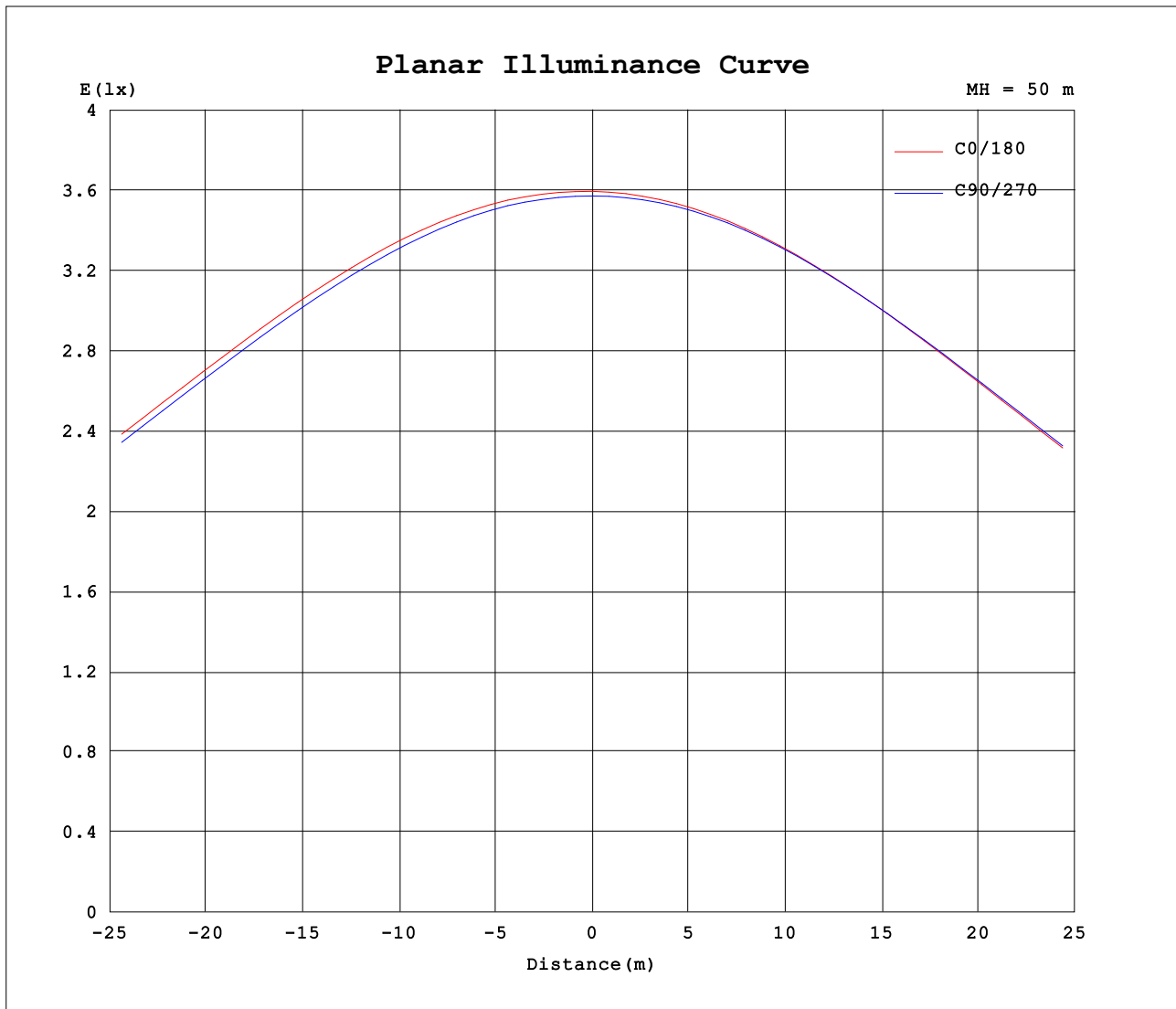
Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm		
NAME: 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YU
Test Date: 2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YU
Test Date: 2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm																	
NAME: 200W									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						PROTECTION ANGLE:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	8990	8978	8969	8957	8949	8941	8934	8928	8921	8913	8907	8901	8990	8978	8969	8957	8949	8941	8934
5	8982	8971	8957	8947	8934	8924	8912	8904	8892	8885	8877	8872	8940	8927	8923	8913	8913	8904	8903
10	8911	8901	8883	8871	8850	8837	8820	8810	8794	8788	8778	8777	8821	8807	8808	8799	8802	8796	8801
15	8767	8759	8736	8722	8697	8683	8658	8648	8627	8620	8607	8610	8631	8618	8625	8615	8621	8619	8630
20	8554	8545	8518	8507	8476	8462	8432	8421	8393	8387	8371	8375	8373	8361	8371	8361	8377	8373	8390
25	8274	8267	8237	8225	8191	8176	8141	8128	8096	8087	8071	8075	8051	8036	8051	8044	8060	8057	8082
30	7926	7923	7888	7876	7837	7822	7783	7770	7732	7722	7704	7707	7659	7642	7662	7652	7676	7673	7701
35	7511	7508	7471	7458	7412	7397	7351	7337	7298	7293	7268	7274	7196	7181	7202	7195	7223	7225	7258
40	7023	7022	6977	6967	6915	6901	6845	6831	6785	6787	6759	6770	6664	6650	6677	6671	6703	6713	6756
45	6470	6466	6422	6407	6355	6336	6278	6262	6207	6208	6184	6196	6061	6045	6074	6068	6116	6126	6174
50	5837	5841	5790	5780	5715	5699	5633	5613	5559	5557	5535	5546	5384	5364	5399	5396	5459	5463	5518
55	5137	5140	5087	5075	5008	4989	4917	4899	4836	4831	4816	4827	4626	4609	4649	4652	4713	4722	4783
60	4364	4364	4306	4296	4226	4203	4130	4116	4051	4039	4015	4037	3804	3781	3832	3836	3896	3906	3976
65	3518	3513	3461	3446	3370	3349	3277	3249	3187	3185	3158	3180	2921	2896	2958	2952	3024	3044	3118
70	2605	2597	2552	2534	2470	2440	2372	2349	2285	2267	2247	2266	1966	1956	2003	2020	2087	2111	2193
75	1670	1667	1623	1604	1552	1521	1458	1438	1377	1370	1348	1367	1103	1098	1139	1154	1209	1226	1288
80	840	845	804	797	749	732	679	664	616	610	588	600	391	389	420	434	474	496	543
85	248	260	233	240	210	201	182	176	163	161	158	162	99.4	99.5	103	105	112	124	129
90	117	117	115	114	112	111	111	111	111	111	112	112	90.6	90.3	89.4	89.3	89.3	88.8	88.6
95	116	116	116	116	116	117	117	117	117	118	118	117	94.4	94.1	93.8	93.0	93.5	93.1	92.5
100	122	122	122	123	123	123	123	123	123	124	124	124	98.8	98.5	98.5	97.9	97.5	97.3	97.1
105	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
110	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
115	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
120	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
125	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
130	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
135	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
140	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
145	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
150	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
155	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
160	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
165	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
170	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
175	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
180	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: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YU
Test Date:2016-05-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.3V I:0.9470A P:200.9W PF:0.9630 Lamp Flux:25733.7x1 lm		
NAME: 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	8928	8921	8913	8907	8901														
5	8897	8895	8887	8883	8873														
10	8797	8801	8795	8793	8780														
15	8626	8633	8628	8627	8616														
20	8389	8405	8395	8399	8385														
25	8083	8103	8097	8101	8087														
30	7708	7738	7726	7737	7721														
35	7264	7298	7294	7303	7285														
40	6759	6793	6790	6800	6778														
45	6182	6225	6214	6232	6203														
50	5523	5578	5564	5590	5556														
55	4792	4847	4845	4868	4836														
60	3992	4052	4046	4076	4044														
65	3126	3194	3190	3215	3184														
70	2216	2262	2265	2277	2259														
75	1314	1364	1371	1385	1367														
80	563	595	597	603	584														
85	134	146	146	148	142														
90	88.6	89.3	90.0	90.9	91.0														
95	92.3	92.2	92.0	92.1	92.1														
100	96.5	96.6	95.7	96.4	96.1														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-05-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: