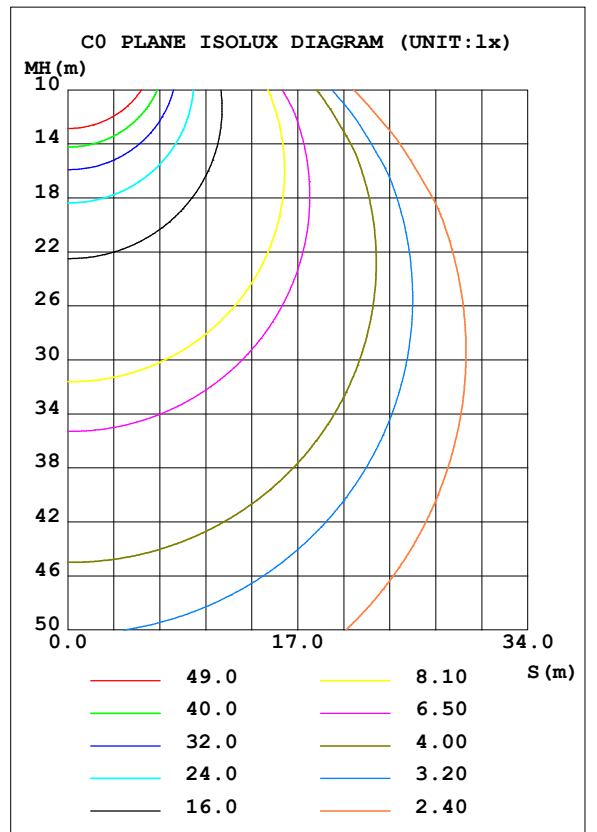
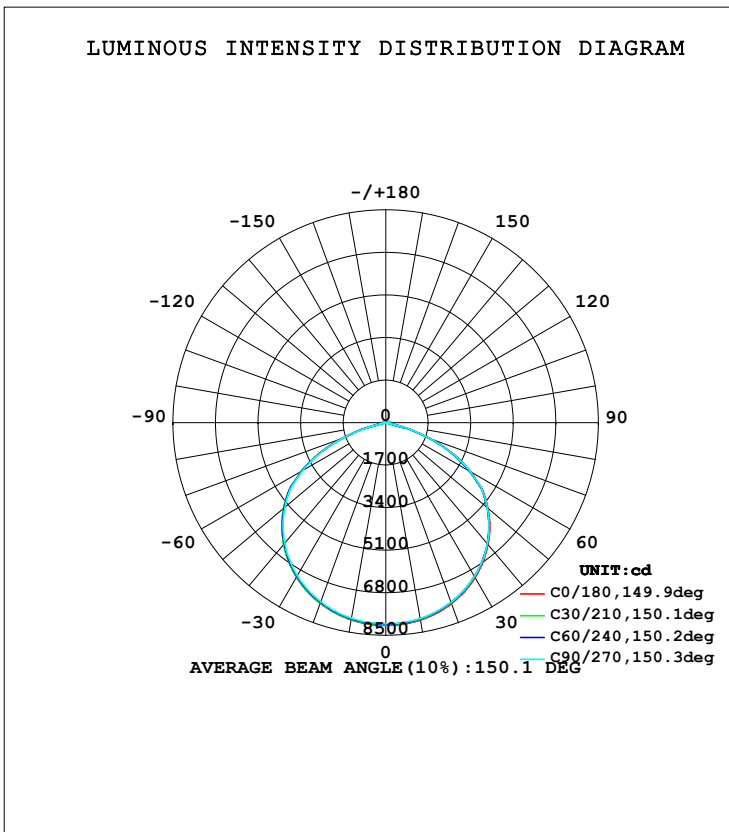


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.33 lm/W			
MODEL	HLB-200UFO	I _{max} (cd)	8099	S/MH (C0/180)	1.31
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.31
RATED VOLTAGE (V)		TOTAL FLUX (lm)	23323	η UP, DN (C0-180)	0.5, 50.1
NOMINAL FLUX (lm)	23322.9	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.4, 49.0
LAMPS INSIDE	1	η up (%)	1.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	99.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2016-02-26

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

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	8009	7970	7944	7928	8002	7968	7934	7889	0- 10	763.1	763.1	3.27,3.27
20	7693	7652	7631	7632	7680	7651	7613	7554	10- 20	2208	2971	12.7,12.7
30	7146	7104	7091	7109	7133	7107	7068	6994	20- 30	3406	6377	27.3,27.3
40	6363	6322	6315	6355	6348	6331	6288	6201	30- 40	4209	10586	45.4,45.4
50	5339	5302	5303	5364	5323	5312	5270	5169	40- 50	4495	15081	64.7,64.7
60	3914	3871	3883	3980	3874	3883	3848	3723	50- 60	4149	19229	82.4,82.4
70	1894	1870	1898	2004	1827	1877	1831	1673	60- 70	2876	22105	94.8,94.8
80	112.8	112.8	111.7	110.2	96.23	100.6	100.1	93.86	70- 80	887.8	22993	98.6,98.6
90	103.7	103.5	102.8	101.8	84.48	83.04	82.92	82.91	80- 90	101.5	23095	99,99
100	116.1	116.1	115.3	114.2	93.34	92.03	92.01	92.01	90-100	107.2	23202	99.5,99.5
110	127.8	127.8	126.9	126.0	102.0	100.9	101.1	100.8	100-110	115.2	23317	100,100
120	0	0	0	0	0	0	0	0	110-120	5.853	23323	100,100
130	0	0	0	0	0	0	0	0	120-130	0	23323	100,100
140	0	0	0	0	0	0	0	0	130-140	0	23323	100,100
150	0	0	0	0	0	0	0	0	140-150	0	23323	100,100
160	0	0	0	0	0	0	0	0	150-160	0	23323	100,100
170	0	0	0	0	0	0	0	0	160-170	0	23323	100,100
180	0	0	0	0	0	0	0	0	170-180	0	23323	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

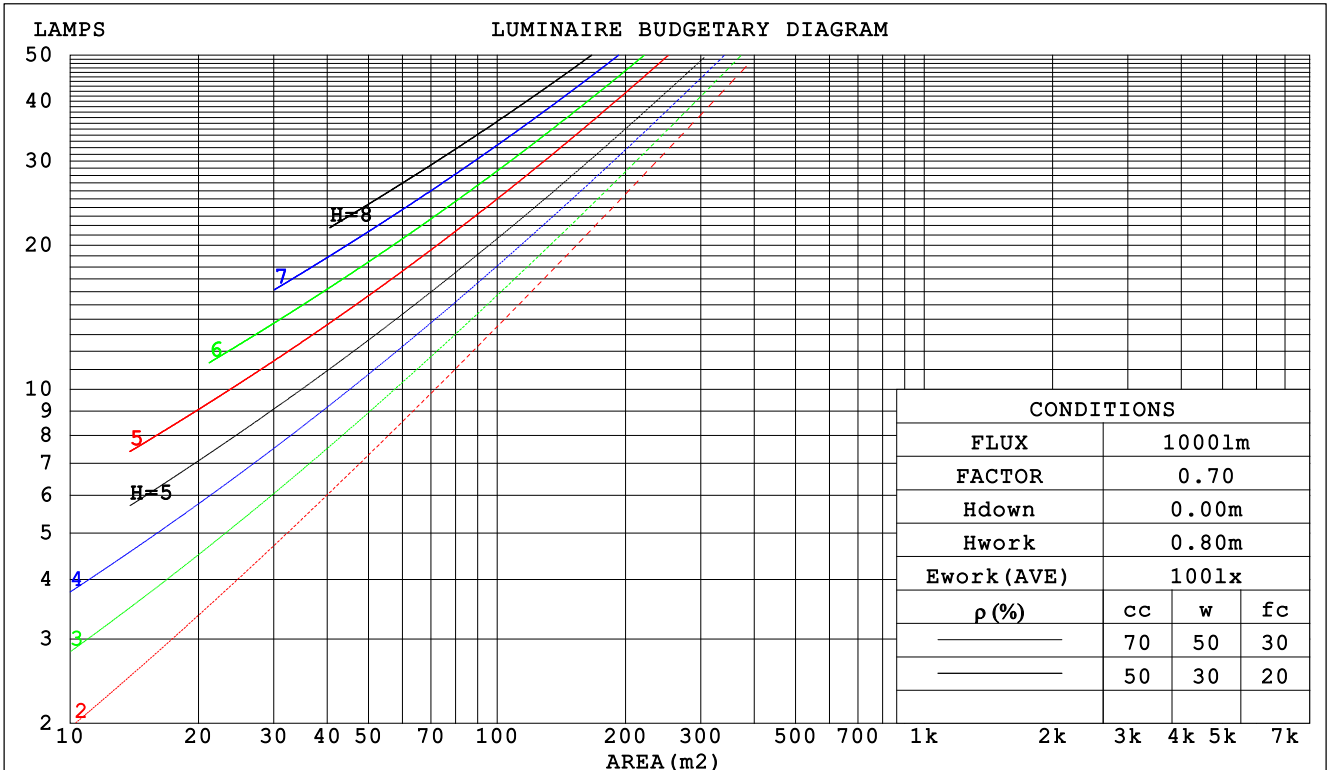
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-02-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	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	1.01	1.01	1.01	.99
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.91	.89	.87	.85
2.0	.92	.86	.80	.90	.84	.79	.86	.82	.77	.83	.79	.75	.80	.77	.74	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.64	.71	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.51
5.0	.64	.55	.49	.63	.54	.48	.61	.53	.48	.58	.52	.47	.57	.51	.46	.44
6.0	.57	.49	.42	.56	.48	.42	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.36	.31	.26	.25



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-02-26

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:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

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	.281	.160	.051	.274	.156	.050	.260	.149	.048	.248	.143	.046	.236	.137	.044	
2.0	.274	.150	.046	.267	.147	.045	.255	.142	.044	.244	.137	.043	.234	.132	.042	
3.0	.258	.137	.041	.252	.135	.041	.242	.131	.040	.232	.127	.039	.223	.123	.038	
4.0	.241	.125	.037	.236	.124	.037	.227	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.225	.115	.033	.220	.113	.033	.212	.110	.032	.204	.108	.032	.197	.105	.032	
6.0	.210	.105	.030	.206	.104	.030	.198	.102	.030	.191	.099	.029	.184	.097	.029	
7.0	.196	.097	.027	.192	.096	.027	.186	.094	.027	.179	.092	.027	.173	.090	.026	
8.0	.183	.090	.025	.180	.089	.025	.174	.087	.025	.168	.085	.025	.163	.084	.024	
9.0	.172	.083	.023	.169	.083	.023	.164	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.162	.078	.022	.160	.077	.022	.155	.076	.021	.150	.074	.021	.146	.073	.021	

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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.186	.164	.144	.159	.141	.124	.109	.097	.086	.063	.056	.050	.020	.018	.016	
2.0	.177	.140	.108	.152	.120	.093	.104	.083	.065	.060	.048	.038	.019	.016	.012	
3.0	.170	.122	.084	.146	.105	.072	.100	.073	.051	.058	.043	.030	.019	.014	.010	
4.0	.163	.108	.067	.139	.094	.058	.096	.065	.041	.055	.038	.024	.018	.012	.008	
5.0	.155	.098	.056	.133	.085	.048	.092	.059	.034	.053	.035	.020	.017	.011	.007	
6.0	.149	.090	.047	.128	.078	.041	.088	.054	.029	.051	.032	.017	.016	.010	.006	
7.0	.142	.083	.041	.122	.072	.036	.084	.050	.026	.049	.030	.015	.016	.010	.005	
8.0	.136	.077	.037	.117	.067	.032	.081	.047	.023	.047	.028	.014	.015	.009	.004	
9.0	.130	.072	.033	.112	.063	.029	.078	.044	.021	.045	.026	.012	.015	.009	.004	
10.0	.124	.068	.030	.107	.059	.026	.074	.041	.019	.043	.025	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-02-26

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:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm										
NAME: LED high bay light					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	28.4	29.8	28.6	30.1	30.3	28.3	29.8	28.6	30.0	30.3
3H	29.5	30.8	29.8	31.1	31.3	29.5	30.8	29.8	31.1	31.3
4H	29.6	30.9	30.0	31.2	31.5	29.6	30.9	30.0	31.2	31.5
6H	29.6	30.8	29.9	31.1	31.4	29.6	30.8	29.9	31.1	31.4
8H	29.5	30.7	29.9	31.0	31.3	29.5	30.7	29.9	31.0	31.3
12H	29.5	30.6	29.8	30.9	31.2	29.5	30.6	29.8	30.9	31.2
4H 2H	28.9	30.2	29.2	30.4	30.7	28.9	30.2	29.2	30.4	30.7
3H	30.1	31.2	30.4	31.5	31.8	30.1	31.2	30.4	31.5	31.8
4H	30.3	31.3	30.7	31.6	32.0	30.3	31.3	30.7	31.6	32.0
6H	30.2	31.1	30.6	31.5	31.9	30.2	31.1	30.7	31.5	31.9
8H	30.2	31.0	30.6	31.4	31.8	30.2	31.0	30.6	31.4	31.8
12H	30.2	30.9	30.6	31.3	31.7	30.2	30.9	30.6	31.3	31.8
8H 4H	30.3	31.1	30.7	31.5	31.9	30.3	31.1	30.7	31.5	31.9
6H	30.2	30.9	30.7	31.3	31.8	30.3	30.9	30.7	31.4	31.8
8H	30.2	30.8	30.7	31.3	31.7	30.2	30.8	30.7	31.3	31.7
12H	30.2	30.7	30.7	31.2	31.7	30.2	30.7	30.7	31.2	31.7
12H 4H	30.2	31.0	30.7	31.4	31.8	30.2	31.0	30.7	31.4	31.8
6H	30.2	30.8	30.7	31.2	31.7	30.2	30.8	30.7	31.3	31.7
8H	30.2	30.7	30.7	31.2	31.7	30.2	30.7	30.7	31.2	31.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5				

CIE Pub.117 Corrected 23323 lm Total Lamp Luminous Flux. (8log(F/F0) = 10.9)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-02-26

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:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	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	57	46	39	57	46	39	55	45	39	32
0.80	68	56	49	67	56	49	65	55	49	42
1.00	77	66	59	76	65	58	73	67	58	51
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	88	79	72	85	77	71	64
2.00	96	88	82	94	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	88	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	97	105	100	96	100	97	93	84
5.00	109	105	101	107	103	100	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:2016-02-26

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:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

12833 lm

%lum = 55.0%

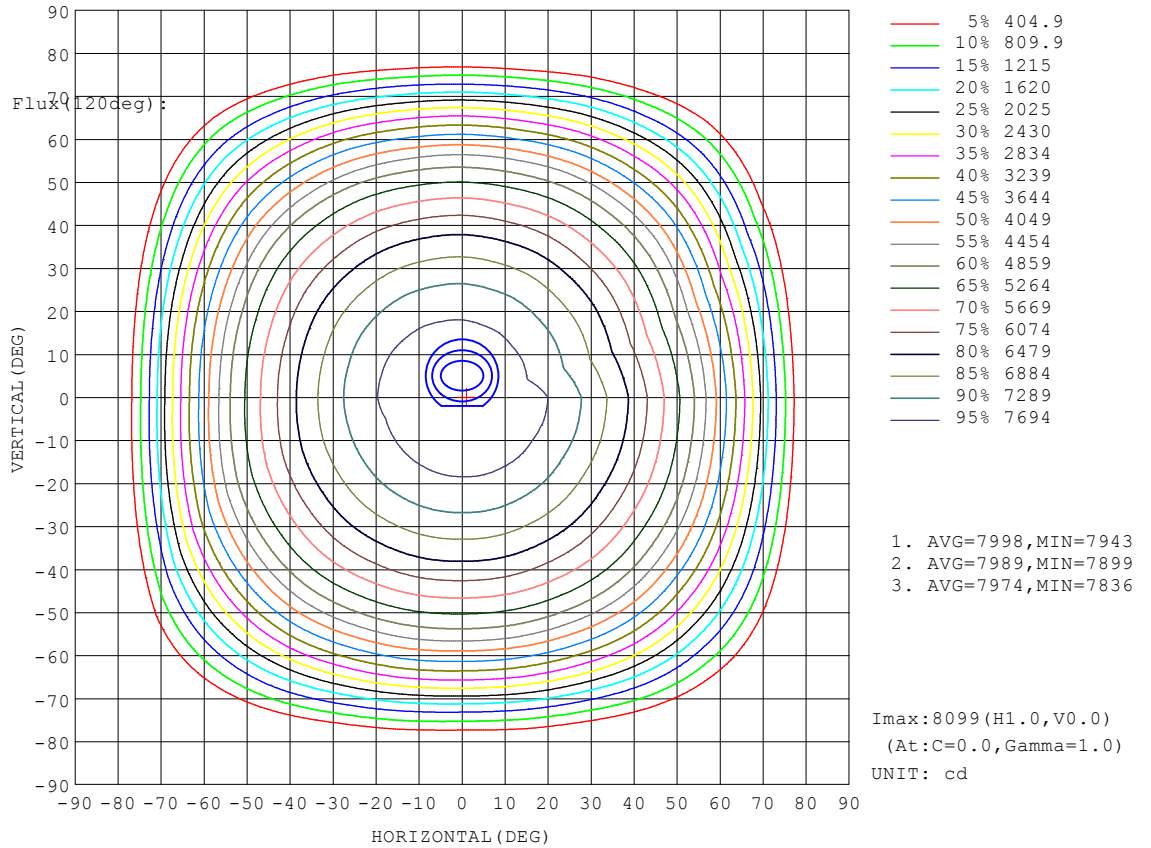
%lamp = 55.0%

Conical surface Flux(20deg):

19229 lm

%lum = 82.4%

%lamp = 82.4%

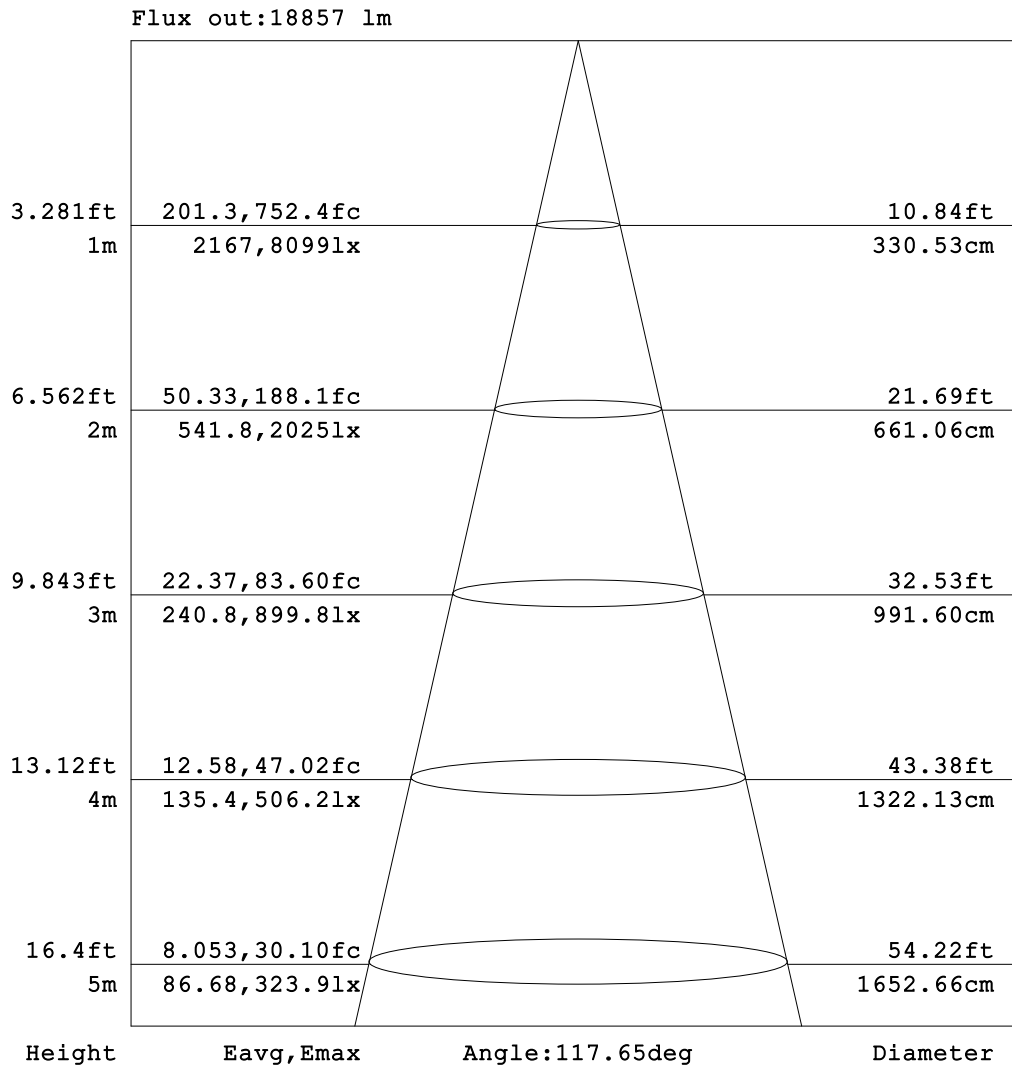


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-02-26

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:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



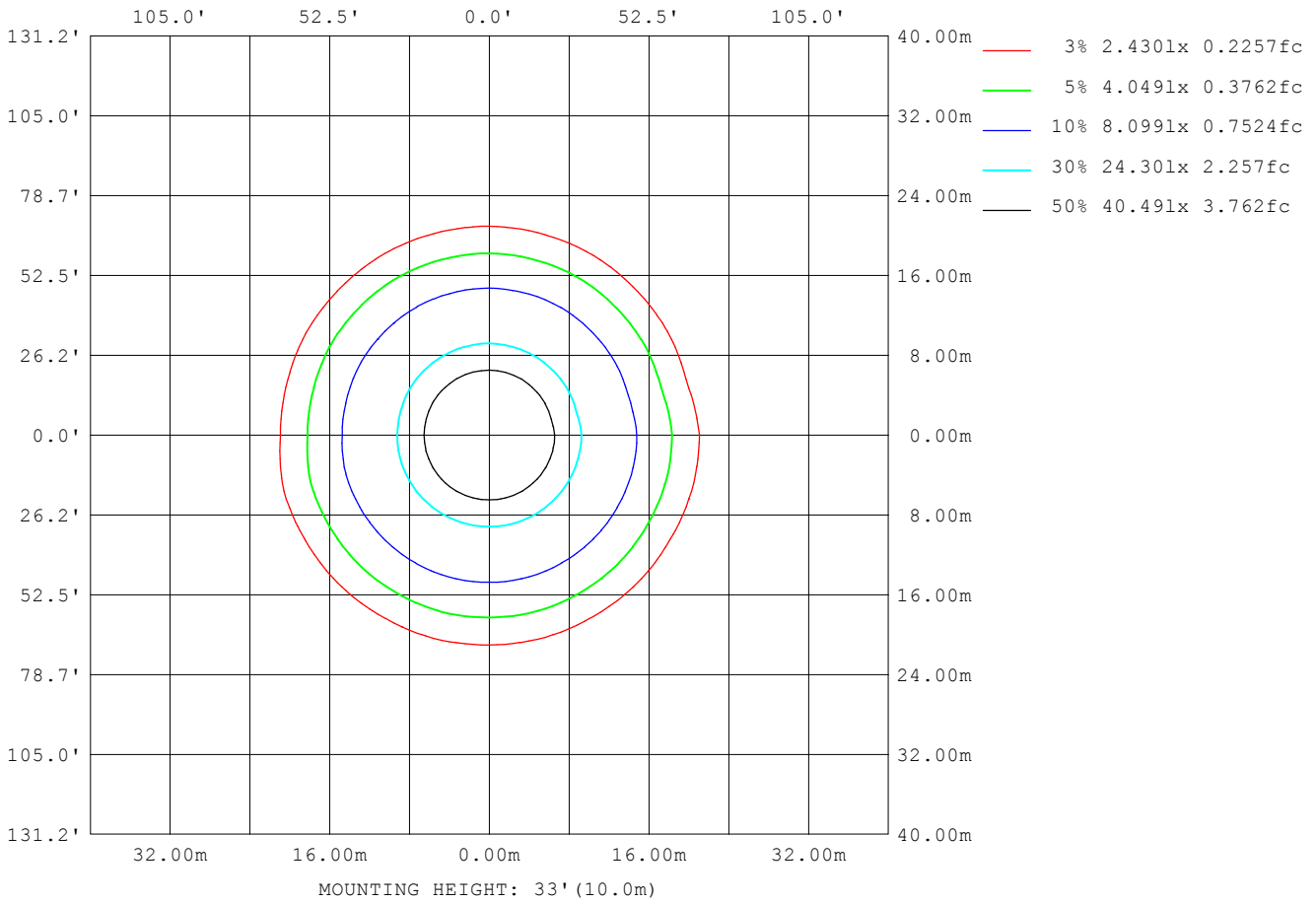
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-02-26

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

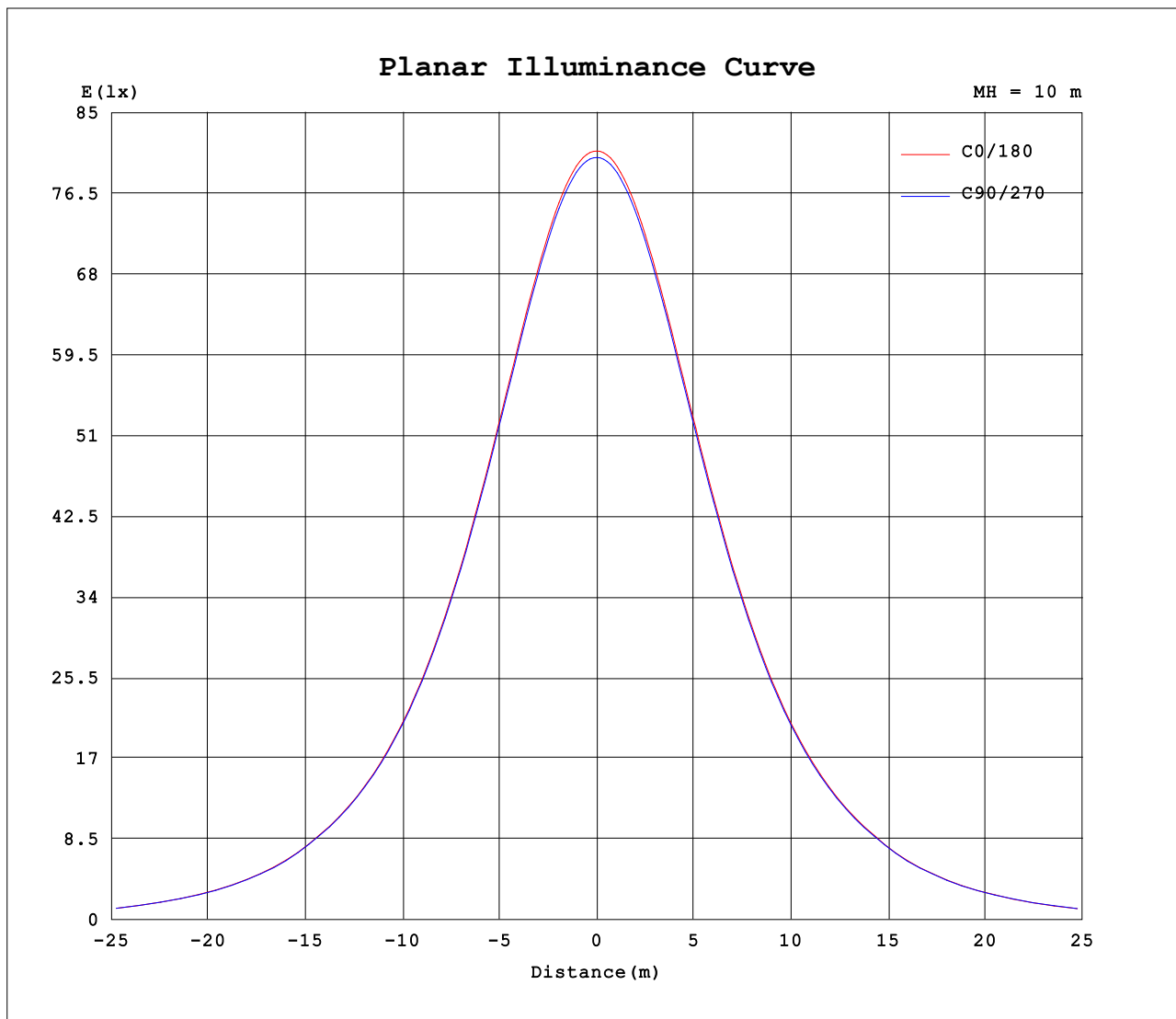
Test:U:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2016-02-26

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: 2016-02-26

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:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	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	8099	8086	8072	8061	8050	8037	8030	8018	8013	8000	7996	7983	8099	8086	8072	8061	8050	8037	8030
5	8081	8070	8053	8043	8033	8022	8015	8005	8000	7990	7986	7976	8078	8066	8054	8042	8031	8017	8009
10	8009	7998	7979	7970	7960	7951	7944	7937	7934	7928	7925	7920	8002	7991	7982	7968	7957	7941	7934
15	7880	7868	7846	7839	7829	7823	7816	7813	7810	7808	7806	7804	7869	7858	7853	7837	7827	7808	7801
20	7693	7681	7655	7652	7641	7639	7631	7632	7629	7632	7631	7636	7680	7671	7668	7651	7641	7620	7613
25	7449	7436	7409	7407	7397	7397	7390	7394	7393	7399	7400	7408	7435	7426	7427	7408	7399	7376	7369
30	7146	7134	7105	7104	7095	7098	7091	7099	7099	7109	7111	7124	7133	7123	7128	7107	7100	7075	7068
35	6783	6771	6741	6742	6733	6739	6733	6744	6746	6761	6764	6782	6770	6762	6770	6749	6740	6714	6707
40	6363	6352	6318	6322	6313	6323	6315	6332	6334	6355	6358	6383	6348	6341	6353	6331	6323	6295	6288
45	5880	5872	5834	5843	5832	5847	5839	5861	5862	5889	5892	5924	5865	5859	5874	5851	5845	5814	5809
50	5339	5330	5292	5302	5292	5310	5303	5329	5333	5364	5369	5405	5323	5318	5336	5312	5307	5275	5270
55	4741	4732	4692	4706	4697	4716	4711	4741	4746	4781	4789	4830	4719	4715	4740	4716	4711	4678	4674
60	3914	3905	3856	3871	3866	3890	3883	3927	3935	3980	3989	4041	3874	3874	3912	3883	3883	3847	3848
65	2993	2979	2918	2949	2938	2984	2985	3039	3047	3102	3112	3166	2917	2927	2975	2946	2957	2917	2919
70	1894	1900	1850	1870	1864	1907	1898	1942	1963	2004	2039	2109	1827	1818	1887	1877	1863	1813	1831
75	856	858	809	844	825	863	862	924	942	988	990	1029	753	736	819	801	818	773	790
80	113	113	113	113	112	113	112	111	128	110	148	118	96.2	97.2	99.2	101	101	101	100
85	98.5	98.5	98.4	98.2	98.0	97.9	97.6	97.7	97.4	97.7	97.6	98.1	81.0	80.1	79.6	79.6	79.5	79.2	79.4
90	104	104	104	104	103	103	103	102	102	102	101	101	84.5	83.6	83.1	83.0	83.0	82.8	82.9
95	110	110	110	110	109	109	109	109	108	108	108	107	88.9	88.1	87.7	87.5	87.6	87.4	87.5
100	116	116	116	116	116	116	115	115	114	114	113	93.3	92.5	92.3	92.0	92.1	91.9	92.0	
105	122	123	122	122	122	122	122	121	121	121	120	120	97.7	97.0	96.9	96.5	96.6	96.4	96.5
110	128	128	128	128	127	127	127	127	126	126	126	125	102	101	101	101	101	101	101
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:2016-02-26

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:109.9V I:1.880A P:205.8W PF:0.9960 Lamp Flux:23322.9x1 lm		
NAME: LED high bay light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	8018	8013	8000	7996	7983														
5	7995	7989	7973	7967	7951														
10	7916	7909	7889	7882	7862														
15	7780	7772	7749	7742	7717														
20	7589	7581	7554	7546	7516														
25	7342	7333	7302	7293	7260														
30	7038	7028	6994	6985	6947														
35	6675	6665	6627	6618	6576														
40	6253	6243	6201	6189	6144														
45	5770	5759	5714	5702	5652														
50	5229	5217	5169	5156	5103														
55	4630	4617	4560	4546	4461														
60	3800	3789	3723	3705	3608														
65	2856	2845	2766	2762	2673														
70	1778	1773	1673	1644	1562														
75	746	712	652	643	558														
80	98.3	96.9	93.9	92.6	90.8														
85	79.2	79.3	79.1	79.1	79.0														
90	82.8	82.9	82.9	82.9	82.9														
95	87.3	87.5	87.6	87.5	87.5														
100	91.8	92.0	92.0	92.0	92.0														
105	96.3	96.5	96.5	96.5	96.5														
110	101	101	101	101	101														
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:2016-02-26

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: