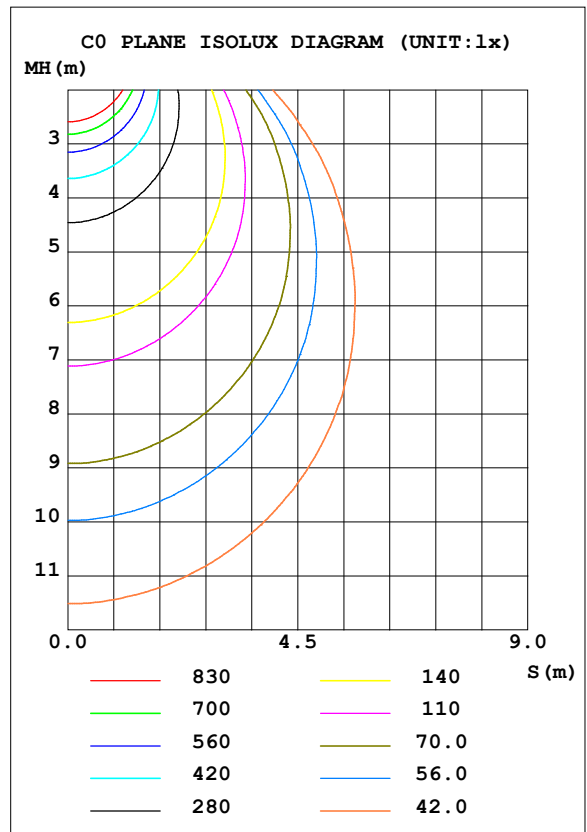
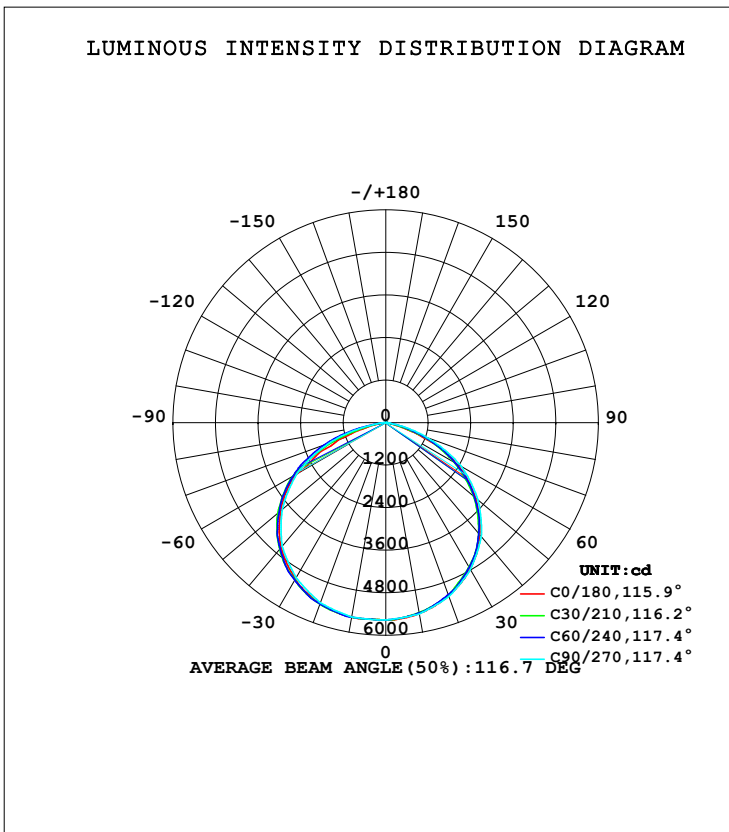


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	5578	S/MH (C0/180)	1.27
NOMINAL POWER (W)	190	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	16030	η UP, DN (C0-180)	0.0, 48.0
NOMINAL FLUX (lm)	16029.9	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	220.1	η down (%)	100.0	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-12-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 12.300m [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	5542	5520	5520	5531	5559	5562	5565	5553	0- 5	132.7	132.7	0.83,0.83
10	5471	5440	5476	5508	5572	5567	5565	5511	5- 10	395.5	528.2	3.3,3.3
15	5353	5331	5347	5437	5516	5535	5485	5436	10- 15	648.9	1177	7.34,7.34
20	5195	5153	5217	5306	5433	5441	5406	5289	15- 20	884.1	2061	12.9,12.9
25	5006	4960	4999	5157	5293	5326	5230	5127	20- 25	1095	3156	19.7,19.7
30	4763	4706	4781	4927	5101	5158	5053	4908	25- 30	1272	4428	27.6,27.6
35	4485	4412	4488	4674	4865	4937	4802	4644	30- 35	1412	5840	36.4,36.4
40	4125	4086	4194	4400	4590	4688	4550	4344	35- 40	1506	7346	45.8,45.8
45	3741	3678	3797	4049	4251	4350	4182	3958	40- 45	1550	8896	55.5,55.5
50	3301	3240	3399	3673	3876	3994	3815	3540	45- 50	1535	10431	65.1,65.1
55	2841	2732	2924	3184	3439	3513	3356	3037	50- 55	1464	11895	74.2,74.2
60	2281	2221	2450	2686	2909	3027	2897	2539	55- 60	1333	13228	82.5,82.5
65	1728	1650	1845	2136	2126	2484	2302	1966	60- 65	1127	14356	89.6,89.6
70	938.5	1068	1240	1395	1385	1811	1707	1339	65- 70	850.5	15206	94.9,94.9
75	314.4	477.9	693.1	747.8	639.3	1009	1049	673.4	70- 75	533.6	15740	98.2,98.2
80	18.63	169.8	145.8	262.6	95.00	423.1	390.2	242.6	75- 80	239.3	15979	99.7,99.7
85	2.587	10.52	0	14.75	5.082	32.07	0	7.030	80- 85	49.43	16028	100,100
90	2.144	0	0	0	3.184	0	0	0	85- 90	1.460	16030	100,100
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			

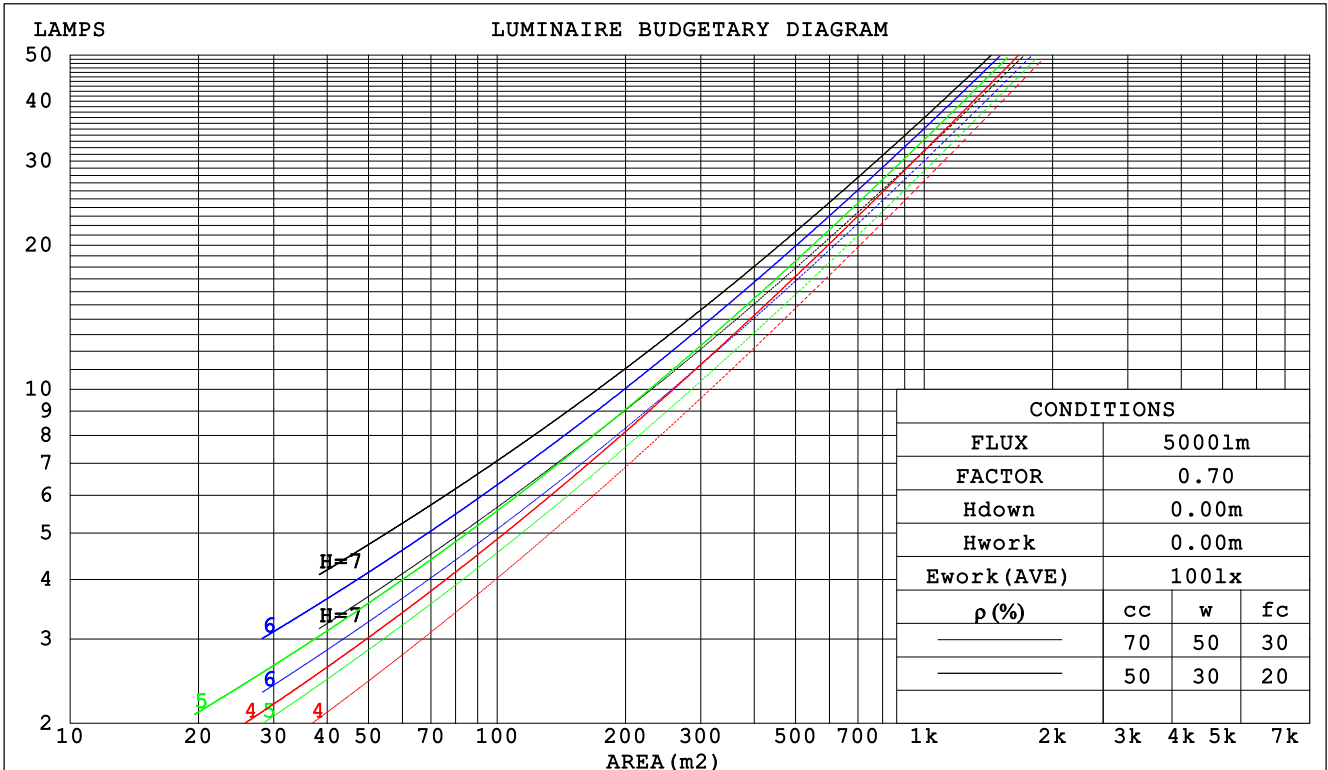
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.300m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	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	1.00
1.0	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.88	.86
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.76	.80	.77	.74	.72
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.56	.70	.62	.56	.68	.61	.55	.66	.59	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.54	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.57	.49	.42	.57	.48	.42	.55	.47	.42	.53	.46	.41	.51	.46	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.42	.37	.47	.41	.36	.34
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.42	.35	.29	.41	.34	.29	.40	.34	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-12-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:12.300m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.284	.162	.051	.277	.158	.050	.264	.152	.048	.252	.145	.047	.241	.140	.045	
2.0	.276	.151	.046	.270	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.042	
3.0	.260	.138	.041	.255	.136	.041	.244	.132	.040	.235	.129	.039	.226	.125	.039	
4.0	.243	.126	.037	.238	.124	.037	.229	.121	.036	.220	.118	.036	.212	.115	.035	
5.0	.226	.115	.033	.222	.114	.033	.213	.111	.033	.206	.109	.032	.199	.106	.032	
6.0	.210	.105	.030	.207	.104	.030	.199	.102	.030	.193	.100	.029	.186	.098	.029	
7.0	.196	.097	.028	.193	.096	.027	.187	.094	.027	.181	.093	.027	.175	.091	.027	
8.0	.184	.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	

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						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.179	.156	.136	.153	.134	.117	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.012	
3.0	.163	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.034	.084	.050	.024	.049	.029	.015	.016	.010	.005	
7.0	.135	.075	.034	.116	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.023	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.300m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: LEDFLOOD200W4K		TYPE:					WEIGHT:				
DIM.:		SPEC.:					SERIAL No.:				
MFR.: EVERFINE		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	21.3	22.7	21.5	22.9	23.2	21.5	23.0	21.7	23.2	23.4	
3H	22.1	23.5	22.4	23.7	24.0	22.6	24.0	22.9	24.2	24.4	
4H	22.2	23.5	22.5	23.7	24.0	22.9	24.2	23.2	24.4	24.7	
6H	22.1	23.3	22.4	23.6	23.8	22.9	24.1	23.2	24.4	24.7	
8H	22.0	23.2	22.3	23.5	23.8	22.8	24.0	23.2	24.3	24.6	
12H	22.0	23.1	22.3	23.4	23.7	22.8	23.9	23.1	24.2	24.5	
4H 2H	21.7	23.0	22.0	23.3	23.5	21.9	23.2	22.2	23.4	23.7	
3H	22.7	23.8	23.0	24.1	24.4	23.1	24.2	23.5	24.5	24.8	
4H	22.8	23.8	23.1	24.1	24.4	23.5	24.5	23.8	24.8	25.1	
6H	22.7	23.6	23.1	23.9	24.3	23.5	24.4	23.9	24.8	25.2	
8H	22.6	23.5	23.1	23.9	24.2	23.5	24.3	23.9	24.7	25.1	
12H	22.6	23.4	23.0	23.8	24.2	23.5	24.2	23.9	24.6	25.0	
8H 4H	22.8	23.6	23.2	24.0	24.4	23.5	24.3	23.9	24.7	25.1	
6H	22.7	23.4	23.2	23.8	24.3	23.6	24.3	24.0	24.7	25.1	
8H	22.7	23.3	23.2	23.7	24.2	23.5	24.2	24.0	24.6	25.0	
12H	22.7	23.2	23.1	23.6	24.1	23.5	24.0	24.0	24.5	25.0	
12H 4H	22.8	23.5	23.2	23.9	24.3	23.4	24.2	23.9	24.6	25.0	
6H	22.7	23.3	23.2	23.8	24.2	23.5	24.1	24.0	24.6	25.0	
8H	22.7	23.2	23.2	23.7	24.1	23.5	24.0	24.0	24.5	25.0	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.6					

CIE Pub.117 Corrected 16030 lm Total Lamp Luminous Flux. (8log(F/F0) = 9.6)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.300m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

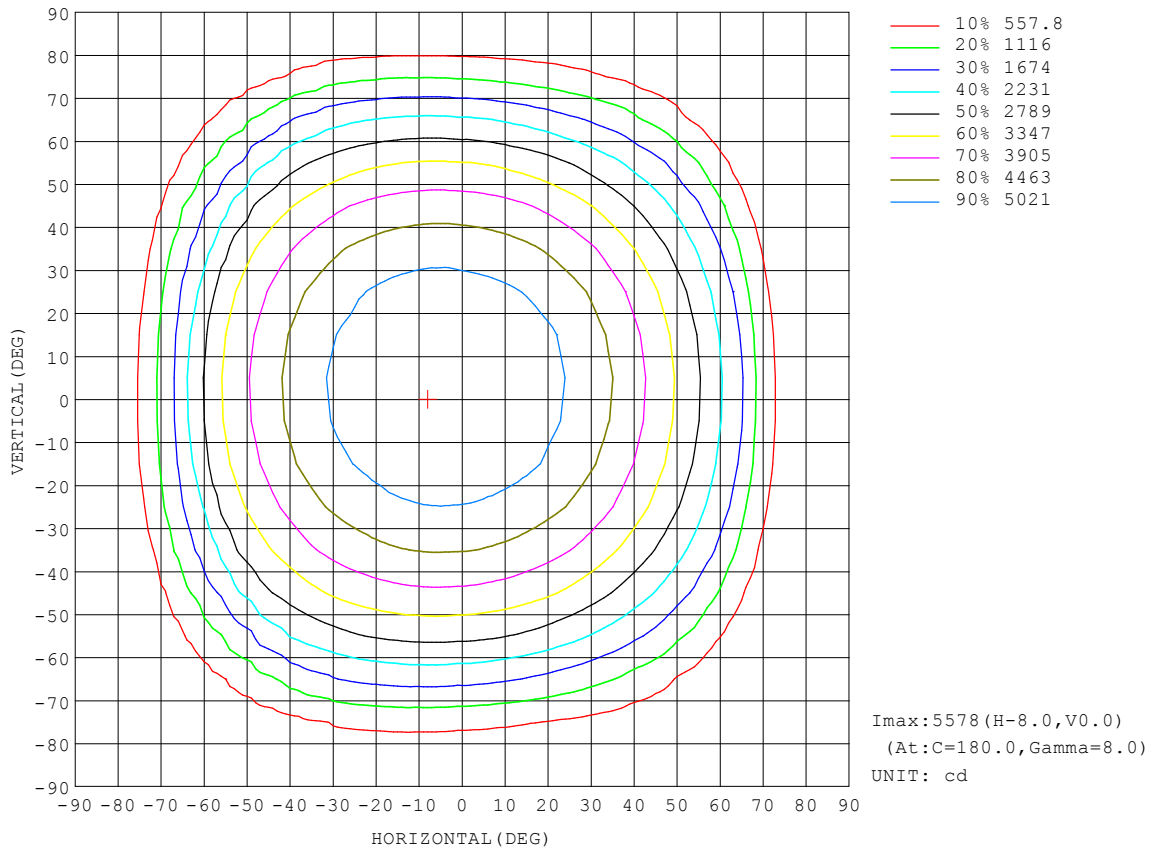
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	46	39	33
0.80	68	57	50	67	56	49	66	56	49	42
1.00	77	66	59	76	66	59	74	67	58	51
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	93	89	80
4.00	107	102	98	105	100	96	101	97	94	85
5.00	110	105	101	107	103	100	103	100	97	88
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: DAMIN
 Test Date: 2018-12-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 12.300m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

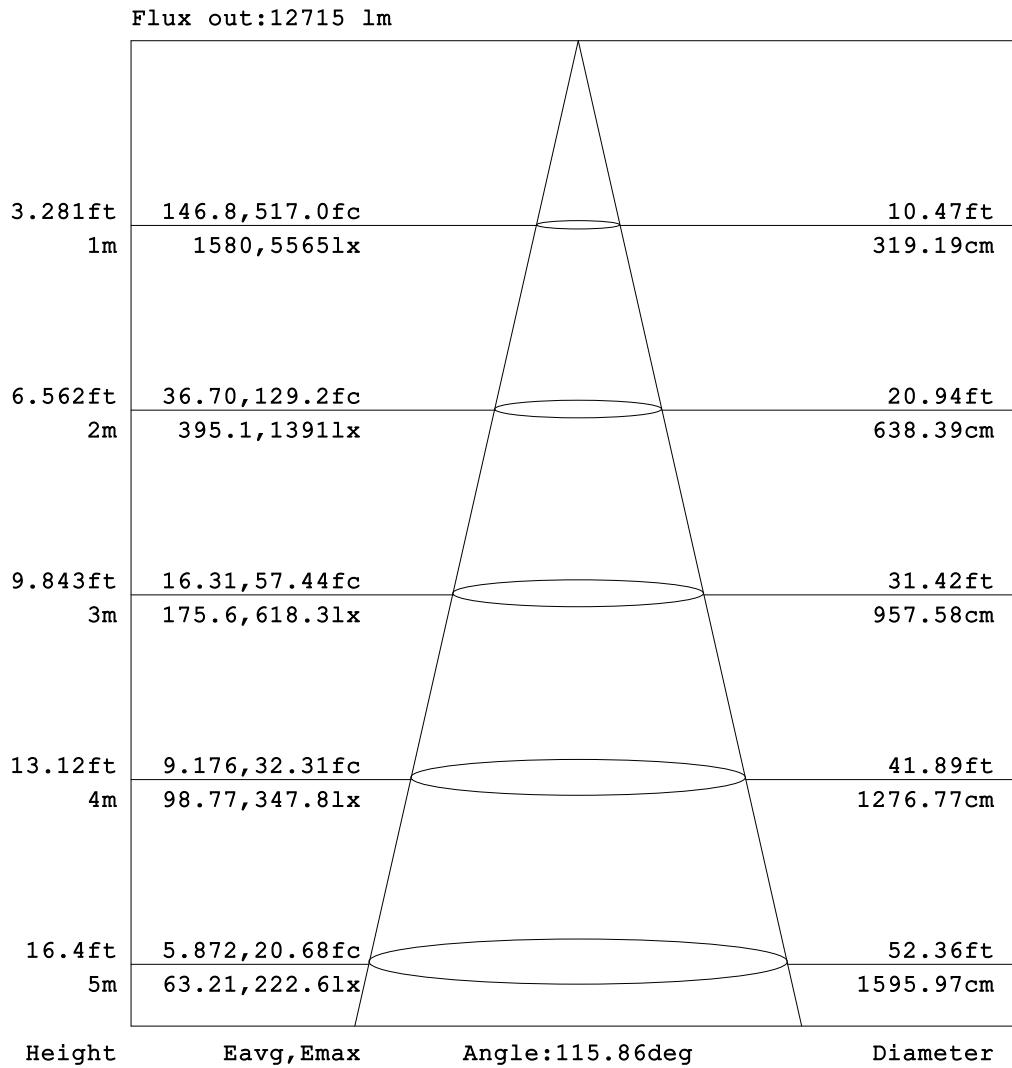


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-12-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 12.300m [K=1.0000]
 Remarks:

AAI Figure

NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



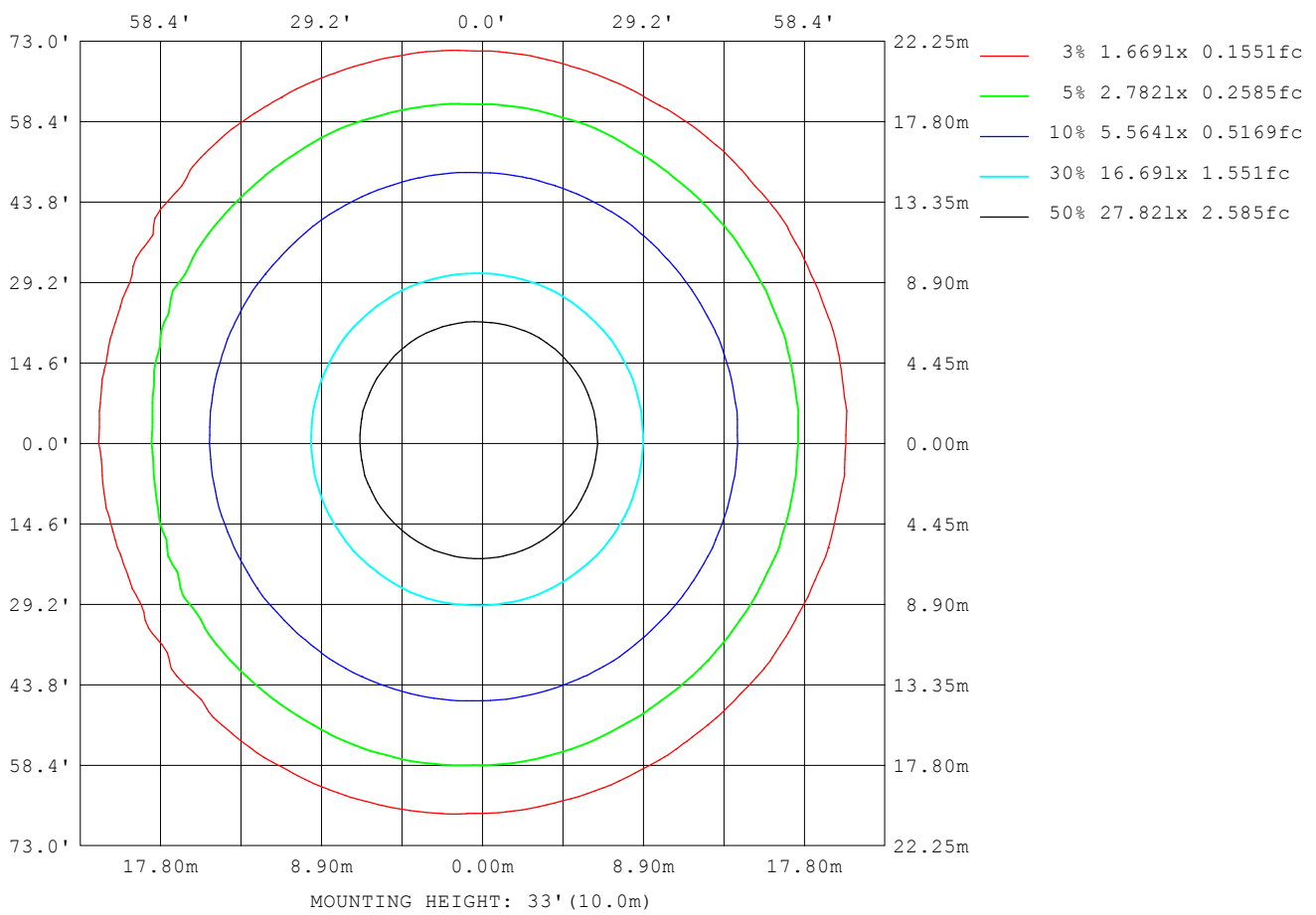
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-12-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 12.300m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

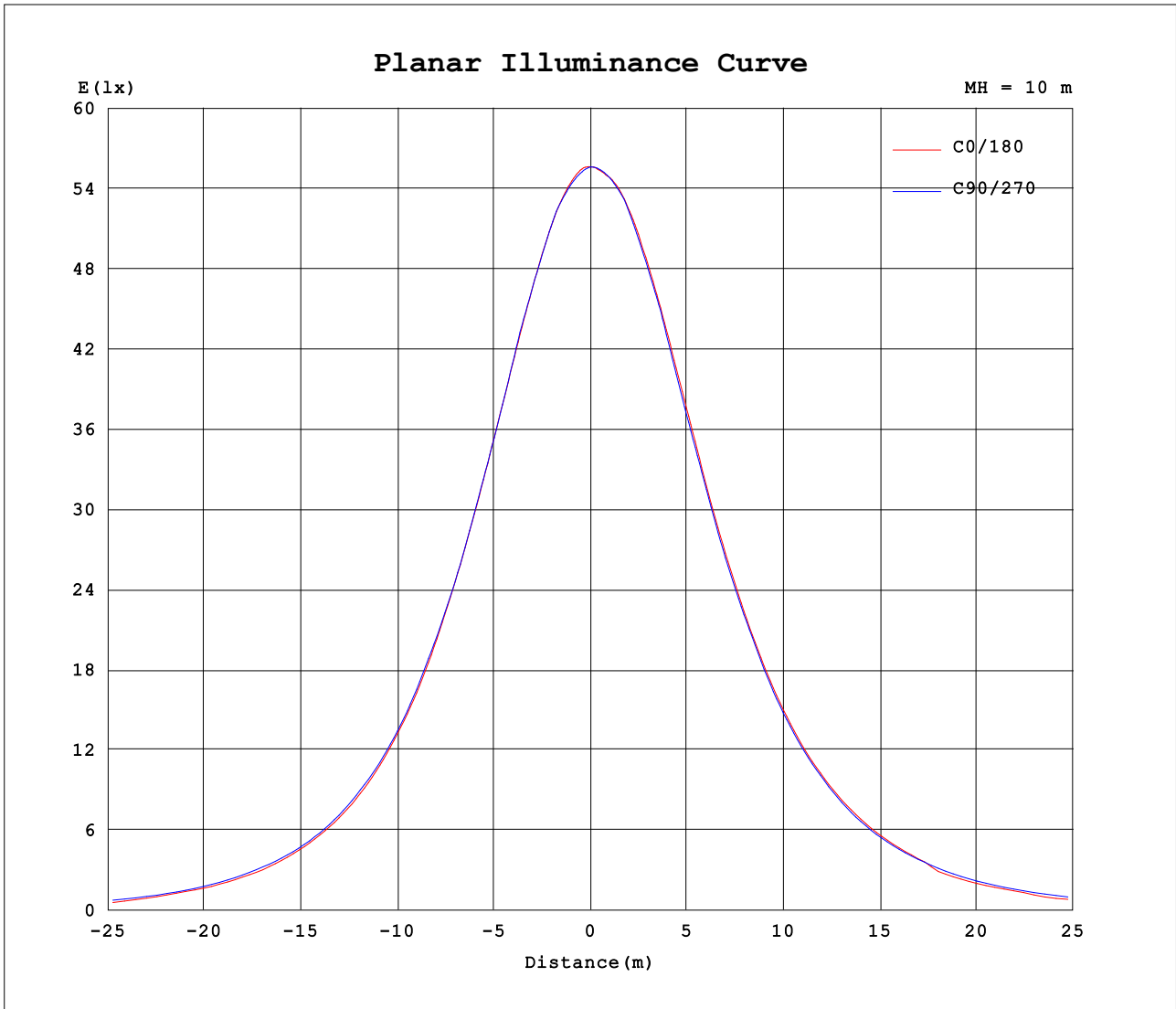
NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-12-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 12.300m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-12-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:12.300m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564
5	5542	5537	5533	5530	5527	5524	5522	5521	5520	5520	5520	5521	5521	5523	5522	5520	5520	5520	5520
10	5471	5463	5455	5448	5443	5439	5438	5438	5438	5440	5442	5445	5451	5457	5462	5467	5472	5471	5476
15	5353	5341	5332	5326	5322	5320	5323	5329	5334	5331	5326	5321	5322	5321	5327	5332	5339	5342	5347
20	5195	5175	5163	5158	5162	5175	5176	5165	5161	5153	5157	5158	5162	5169	5178	5189	5200	5211	5217
25	5006	4978	4958	4948	4947	4943	4936	4937	4948	4960	4967	4963	4961	4962	4963	4968	4980	4991	4999
30	4763	4734	4718	4715	4709	4698	4699	4710	4719	4706	4701	4706	4710	4717	4729	4740	4757	4770	4781
35	4485	4449	4430	4430	4415	4415	4427	4423	4413	4412	4417	4432	4430	4430	4436	4443	4455	4475	4488
40	4125	4092	4085	4074	4070	4086	4074	4072	4080	4086	4076	4077	4084	4097	4119	4135	4150	4177	4194
45	3741	3705	3704	3678	3682	3672	3668	3684	3678	3678	3687	3706	3717	3718	3728	3747	3759	3779	3797
50	3301	3268	3260	3245	3241	3234	3237	3215	3216	3240	3242	3250	3268	3289	3305	3336	3354	3380	3399
55	2841	2817	2794	2791	2761	2750	2730	2727	2728	2732	2752	2773	2794	2812	2829	2852	2878	2903	2924
60	2281	2270	2245	2239	2250	2211	2215	2205	2212	2221	2224	2229	2256	2278	2323	2355	2392	2424	2450
65	1728	1726	1680	1699	1660	1632	1645	1649	1656	1650	1674	1681	1701	1708	1743	1764	1790	1821	1845
70	939	926	924	916	903	950	1028	983	1085	1068	1090	1097	1112	1113	1135	1153	1183	1217	1240
75	314	311	337	336	359	390	405	444	475	478	499	577	599	614	632	642	661	679	693
80	18.6	25.6	34.3	49.3	46.9	77.1	56.8	102	139	170	169	182	172	167	162	152	144	143	146
85	2.59	10.9	15.2	17.0	18.3	19.3	18.0	14.5	12.2	10.5	8.95	9.42	9.35	8.64	6.72	4.18	1.96	0.53	0.00
90	2.14	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:DAMIN
Test Date:2018-12-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME : LEDFLOOD200W4K	TYPE :	WEIGHT :
DIM. :	SPEC. :	SERIAL No. :
MFR. : EVERFINE	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	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564
5	5560	5561	5561	5561	5561	5562	5562	5562	5563	5563	5563	5563	5564	5565	5566	5565	5565	5565	5566
10	5569	5568	5568	5569	5570	5571	5570	5567	5569	5571	5571	5571	5571	5571	5569	5566	5565	5565	5559
15	5515	5517	5521	5523	5526	5531	5537	5535	5531	5527	5519	5513	5510	5503	5497	5491	5485	5481	5473
20	5425	5427	5433	5441	5447	5444	5442	5441	5438	5438	5439	5438	5430	5430	5424	5414	5406	5394	5383
25	5289	5298	5312	5316	5316	5314	5322	5326	5333	5326	5313	5303	5294	5279	5271	5252	5230	5217	5205
30	5110	5128	5135	5124	5123	5160	5171	5158	5148	5141	5135	5130	5127	5123	5110	5093	5053	5038	5021
35	4887	4916	4911	4913	4925	4924	4913	4937	4934	4941	4925	4906	4888	4872	4854	4836	4802	4785	4769
40	4623	4635	4640	4661	4657	4666	4680	4688	4664	4647	4639	4630	4616	4603	4590	4572	4550	4533	4506
45	4300	4301	4323	4331	4346	4373	4362	4350	4350	4347	4328	4304	4278	4254	4233	4208	4182	4164	4140
50	3912	3921	3935	3949	3978	3966	3976	3994	3967	3954	3932	3915	3902	3884	3865	3844	3815	3793	3764
55	3473	3505	3507	3529	3526	3542	3523	3513	3517	3524	3512	3489	3464	3445	3419	3392	3356	3337	3308
60	2939	2952	3016	3028	3034	3025	3025	3027	3021	3017	3020	3017	2997	2989	2966	2940	2897	2879	2844
65	2168	2182	2191	2206	2295	2451	2389	2484	2497	2497	2478	2462	2438	2414	2383	2350	2302	2279	2233
70	1369	1408	1399	1466	1592	1588	1682	1811	1819	1836	1858	1845	1824	1814	1784	1755	1707	1677	1615
75	632	711	749	767	818	882	951	1009	1109	1111	1197	1181	1160	1146	1111	1085	1049	1025	987
80	99.0	124	179	199	244	336	371	423	447	448	482	481	481	469	438	413	390	372	359
85	6.59	7.58	9.73	11.8	9.29	10.6	12.0	32.1	47.7	47.4	43.3	35.3	25.2	14.9	6.42	1.55	0.00	1.39	5.21
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:DAMIN
Test Date:2018-12-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LEDFLOOD200W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	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	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564	5564				
5	5565	5563	5562	5560	5558	5555	5553	5551	5548	5546	5544	5543	5542	5542	5542				
10	5553	5549	5544	5534	5523	5516	5511	5502	5495	5489	5483	5478	5474	5472	5471				
15	5469	5459	5453	5449	5444	5439	5436	5432	5414	5397	5382	5372	5363	5357	5353				
20	5369	5359	5345	5329	5316	5302	5289	5283	5277	5275	5257	5235	5218	5205	5197				
25	5196	5186	5174	5166	5157	5151	5127	5105	5093	5078	5060	5035	5009	5000	4999				
30	5006	4988	4969	4949	4933	4915	4908	4905	4875	4843	4821	4808	4792	4770	4760				
35	4752	4735	4717	4706	4696	4668	4644	4624	4610	4599	4558	4530	4522	4493	4480				
40	4481	4450	4423	4391	4372	4354	4344	4317	4284	4261	4246	4202	4177	4155	4127				
45	4119	4096	4071	4056	4025	3990	3958	3934	3917	3870	3844	3825	3787	3782	3744				
50	3731	3694	3663	3629	3597	3564	3540	3486	3458	3455	3418	3392	3360	3342	3311				
55	3264	3236	3207	3177	3132	3081	3037	3009	2982	2952	2951	2923	2914	2882	2864				
60	2783	2745	2683	2638	2592	2563	2539	2505	2467	2446	2413	2413	2360	2328	2317				
65	2191	2148	2099	2077	2050	2026	1966	1944	1909	1868	1833	1821	1815	1763	1771				
70	1572	1515	1475	1454	1420	1411	1339	1350	1255	1235	1104	1043	1010	980	957				
75	959	923	890	868	824	789	673	652	579	520	479	435	398	364	342				
80	354	346	324	311	292	276	243	210	150	84.6	78.5	55.0	49.9	24.0	21.2				
85	11.0	17.7	22.0	24.6	23.0	16.6	7.03	5.84	5.31	5.35	7.17	6.43	5.00	4.86	4.26				
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:DAMIN
Test Date:2018-12-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.300m [K=1.0000]
Remarks: