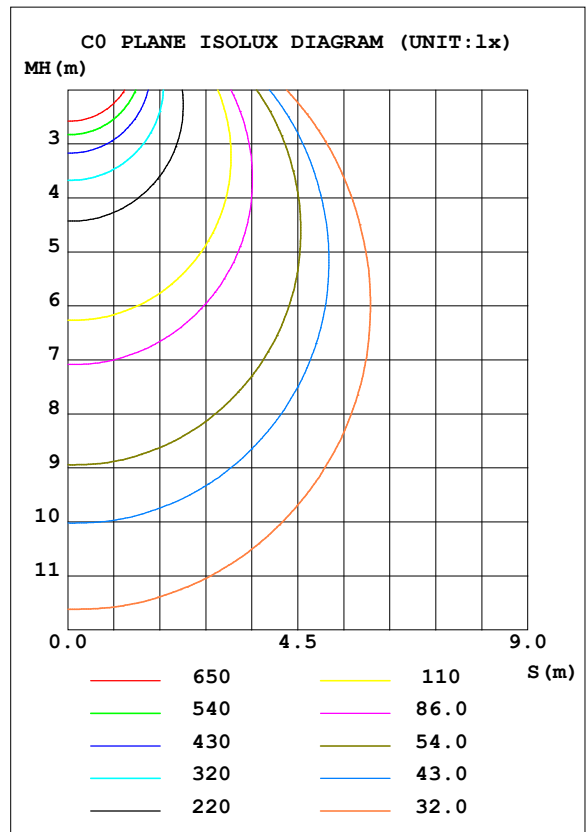
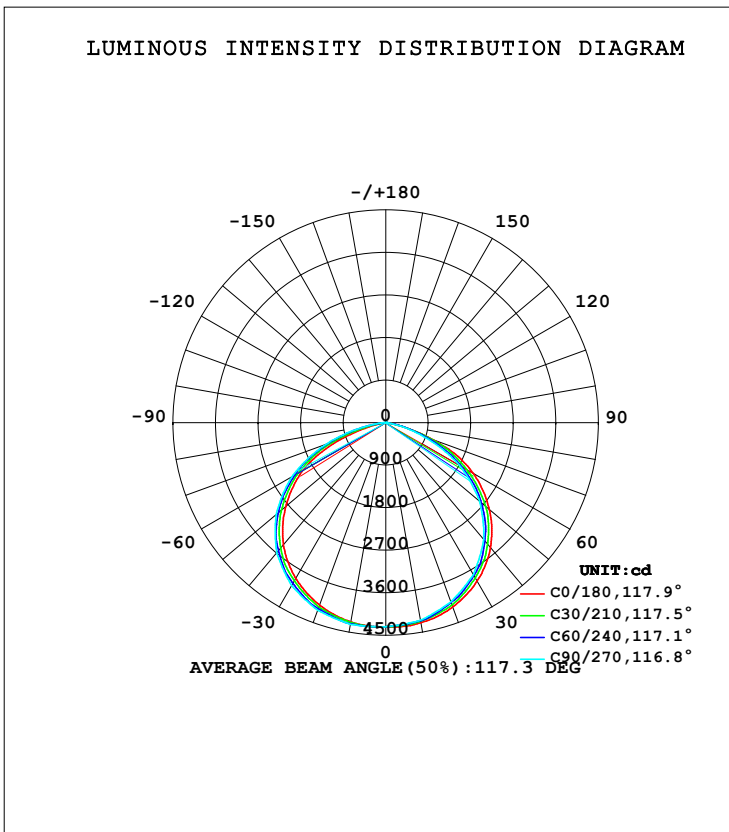


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LEDFLOOD150W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	4331	S/MH (C0/180)	1.33
NOMINAL POWER (W)	152	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	228	TOTAL FLUX (lm)	12562	η UP, DN (C0-180)	0.0, 47.4
NOMINAL FLUX (lm)	12561.9	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	228.9	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: 2018-12-19

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	4327	4297	4281	4293	4317	4324	4324	4327	0- 5	103.1	103.1	0.82,0.82
10	4295	4259	4245	4241	4278	4304	4331	4324	5- 10	307.4	410.6	3.27,3.27
15	4239	4189	4139	4158	4206	4251	4276	4283	10- 15	504.1	914.6	7.28,7.28
20	4148	4067	4034	4031	4104	4161	4222	4197	15- 20	686.8	1601	12.7,12.7
25	4023	3934	3871	3894	3971	4059	4102	4099	20- 25	850.9	2452	19.5,19.5
30	3865	3758	3709	3710	3808	3909	3982	3956	25- 30	990.3	3443	27.4,27.4
35	3678	3554	3468	3493	3603	3721	3787	3780	30- 35	1101	4543	36.2,36.2
40	3451	3327	3227	3246	3371	3510	3591	3590	35- 40	1175	5718	45.5,45.5
45	3173	3018	2910	2946	3084	3239	3309	3318	40- 45	1211	6929	55.2,55.2
50	2860	2697	2593	2630	2761	2958	3028	3028	45- 50	1201	8129	64.7,64.7
55	2514	2311	2194	2232	2410	2576	2664	2663	50- 55	1145	9274	73.8,73.8
60	2131	1915	1795	1826	2024	2179	2301	2284	55- 60	1041	10315	82.1,82.1
65	1683	1461	1309	1381	1540	1745	1825	1834	60- 65	890.0	11205	89.2,89.2
70	1059	995.2	823.0	918.3	961.6	1270	1350	1357	65- 70	683.1	11888	94.6,94.6
75	483.8	495.0	432.1	433.1	409.1	738.9	830.0	827.8	70- 75	435.5	12323	98.1,98.1
80	80.12	183.4	41.28	157.7	45.76	288.6	310.3	344.0	75- 80	197.2	12521	99.7,99.7
85	2.108	10.46	0	8.965	3.601	21.08	0	29.98	80- 85	40.12	12561	100,100
90	1.664	0	0	0	2.439	0	0	0	85- 90	1.264	12562	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			

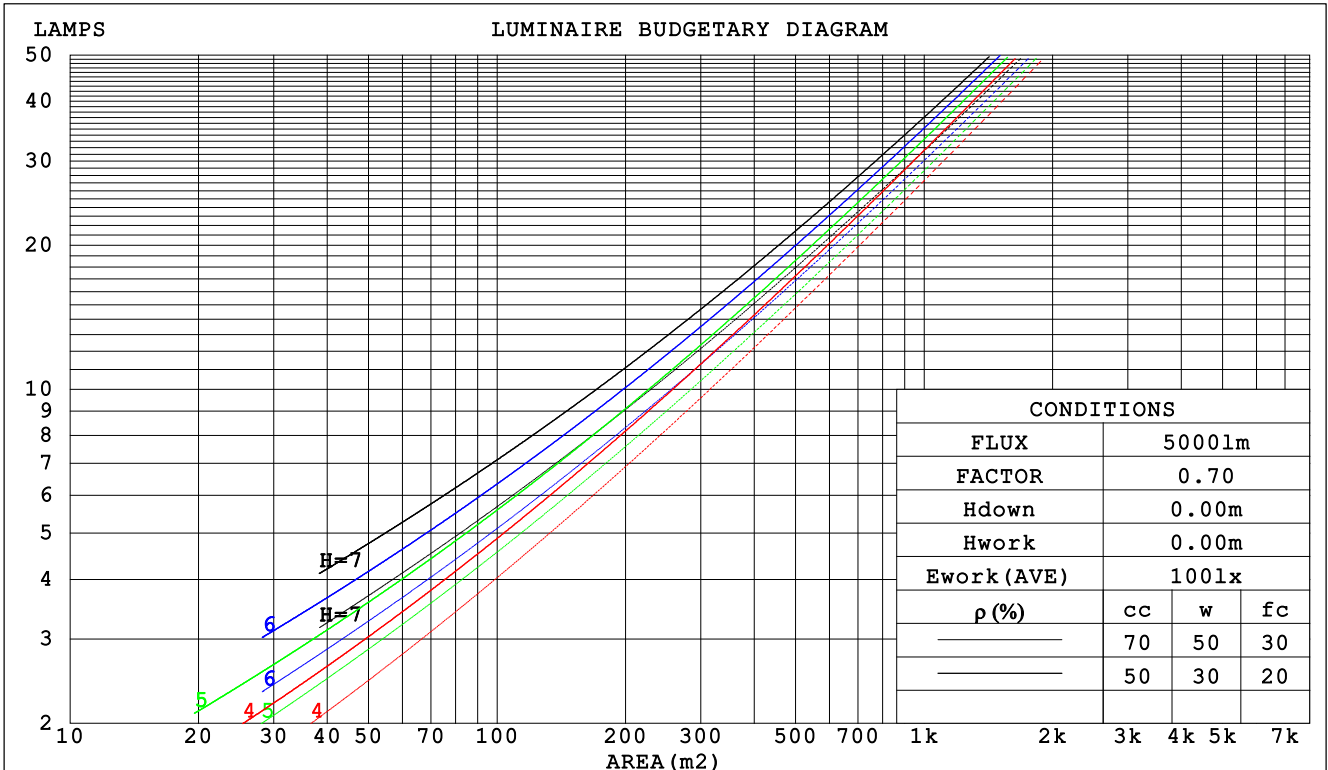
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-19

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: LEDFLOOD150W4K	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	.87	.85
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.77	.74	.72
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.65	.73	.68	.64	.71	.66	.62	.60
4.0	.71	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.51
5.0	.64	.55	.48	.63	.54	.48	.61	.53	.47	.59	.52	.47	.57	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.55	.47	.41	.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	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.37	.31	.26	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-12-19

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: LEDFLOOD150W4K	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	.286	.163	.052	.279	.159	.051	.266	.152	.049	.254	.146	.047	.243	.141	.045	
2.0	.278	.152	.047	.272	.150	.046	.260	.145	.045	.249	.140	.044	.239	.135	.043	
3.0	.261	.139	.042	.256	.137	.041	.245	.133	.040	.236	.129	.040	.227	.126	.039	
4.0	.243	.127	.037	.239	.125	.037	.230	.122	.036	.221	.119	.036	.213	.116	.035	
5.0	.226	.115	.033	.222	.114	.033	.214	.111	.033	.207	.109	.032	.200	.107	.032	
6.0	.211	.106	.030	.207	.105	.030	.200	.102	.030	.193	.100	.030	.187	.098	.029	
7.0	.197	.097	.028	.194	.096	.027	.187	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.184	.090	.025	.181	.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	.078	.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	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.163	.114	.076	.140	.099	.065	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.051	.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	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.111	.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	.022	.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:2018-12-19

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: LEDFLOOD150W4K					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	22.8	21.5	23.0	23.2	20.6	22.1	20.9	22.3	22.5				
3H	22.5	23.9	22.8	24.1	24.3	21.6	23.0	21.9	23.2	23.4				
4H	22.7	24.0	23.0	24.2	24.5	21.8	23.1	22.1	23.3	23.6				
6H	22.6	23.9	23.0	24.1	24.4	21.8	23.0	22.1	23.3	23.5				
8H	22.6	23.8	22.9	24.1	24.3	21.7	22.9	22.0	23.2	23.5				
12H	22.5	23.7	22.9	24.0	24.3	21.7	22.8	22.0	23.1	23.4				
4H 2H	21.7	23.0	22.0	23.3	23.5	21.2	22.5	21.5	22.8	23.0				
3H	23.1	24.2	23.4	24.5	24.8	22.3	23.4	22.6	23.7	24.0				
4H	23.3	24.3	23.7	24.7	25.0	22.6	23.6	22.9	23.9	24.3				
6H	23.3	24.2	23.7	24.6	24.9	22.6	23.5	23.0	23.8	24.2				
8H	23.3	24.1	23.7	24.5	24.9	22.5	23.4	22.9	23.7	24.1				
12H	23.2	24.0	23.6	24.4	24.8	22.5	23.3	22.9	23.6	24.0				
8H 4H	23.3	24.2	23.8	24.6	24.9	22.7	23.5	23.1	23.9	24.3				
6H	23.4	24.1	23.8	24.5	24.9	22.7	23.4	23.1	23.8	24.2				
8H	23.3	24.0	23.8	24.4	24.8	22.7	23.3	23.1	23.7	24.2				
12H	23.3	23.8	23.8	24.3	24.8	22.6	23.2	23.1	23.6	24.1				
12H 4H	23.3	24.1	23.7	24.5	24.9	22.6	23.4	23.1	23.8	24.2				
6H	23.3	24.0	23.8	24.4	24.8	22.7	23.3	23.1	23.7	24.2				
8H	23.3	23.8	23.8	24.3	24.8	22.6	23.2	23.1	23.6	24.1				
Variations with the observer position at spacings:														
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4								
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.5								
2.0H	+ 0.4 / - 0.7					+ 0.4 / - 0.5								

CIE Pub.117 Corrected 12562 lm Total Lamp Luminous Flux. (8log(F/F0) = 8.8)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-19

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: LEDFLOOD150W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

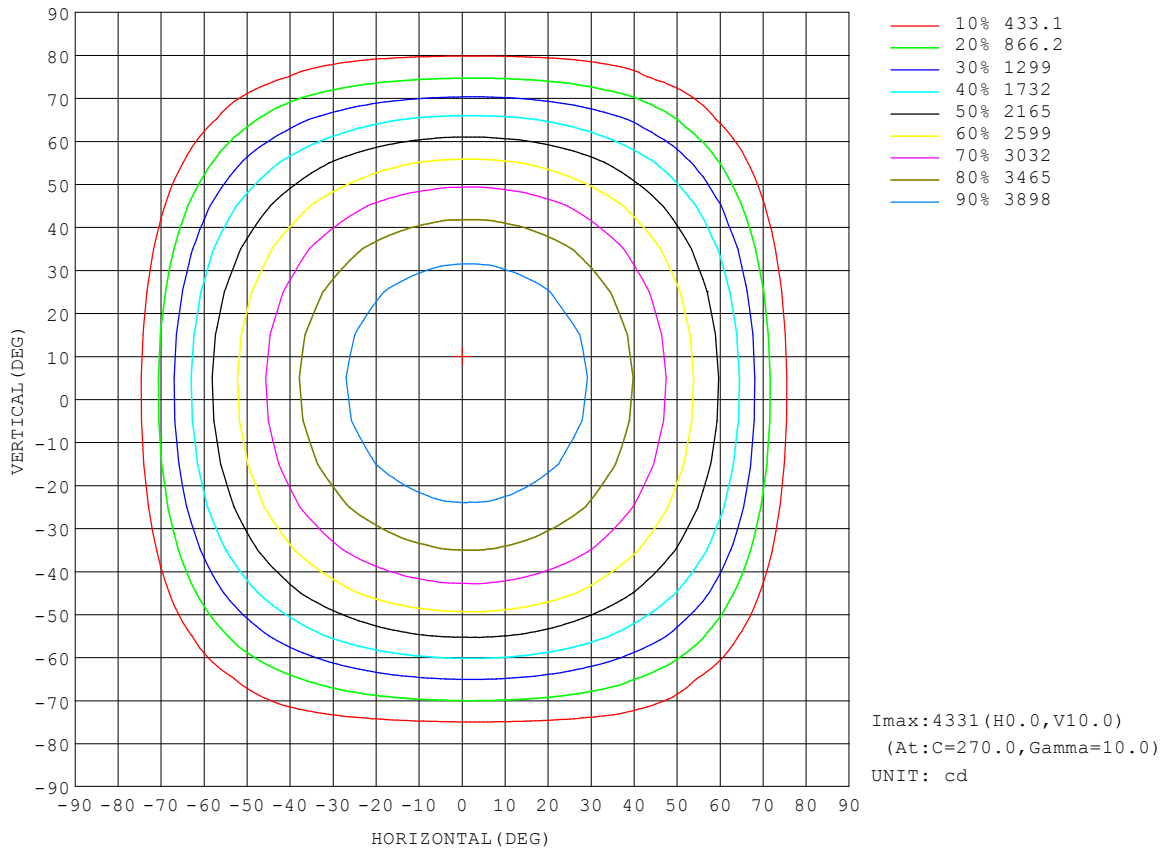
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	59	76	65	59	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	89	84	76
3.00	103	97	92	101	95	91	97	92	88	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				SHRNUM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-12-19

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: LEDFLOOD150W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

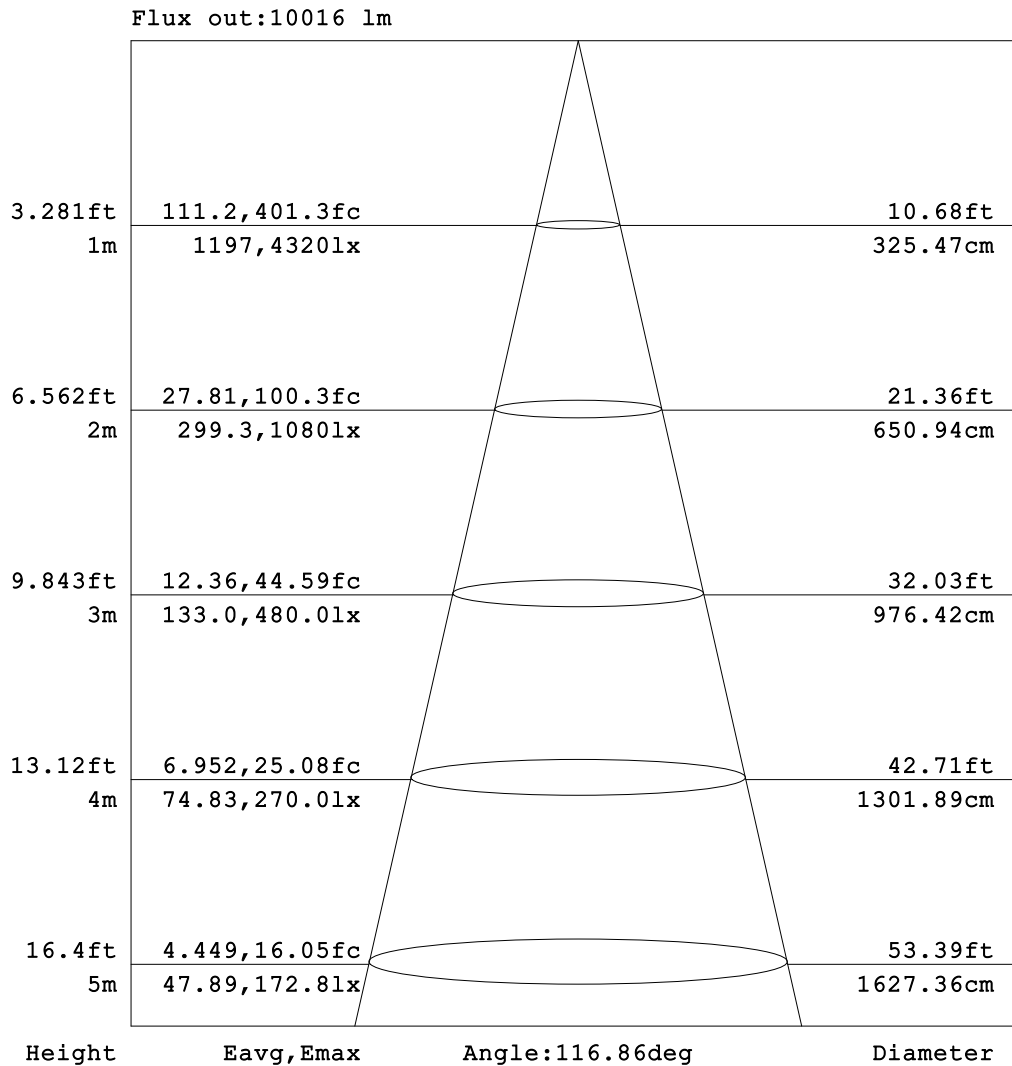


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-12-19

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: LEDFLOOD150W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



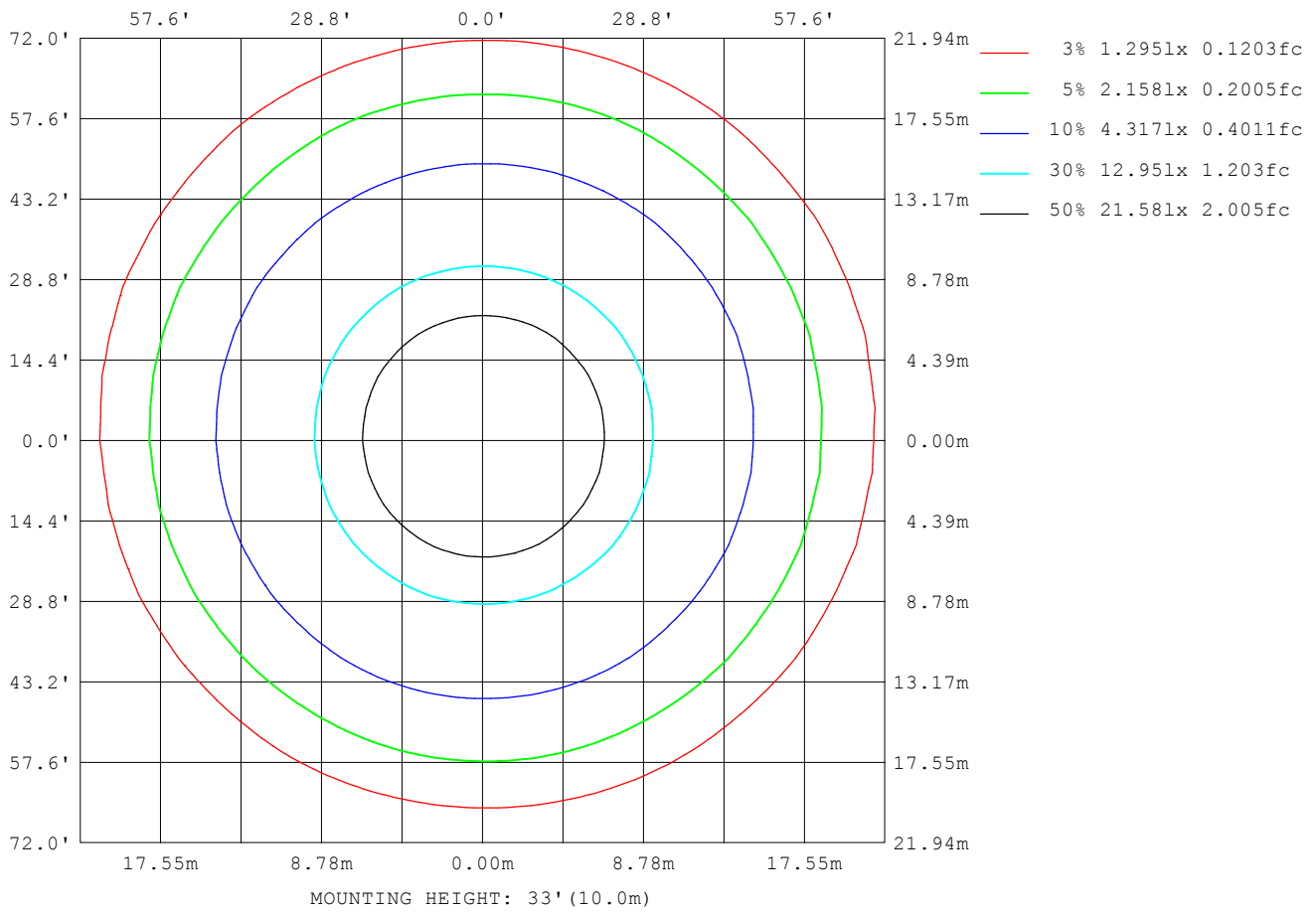
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-12-19

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

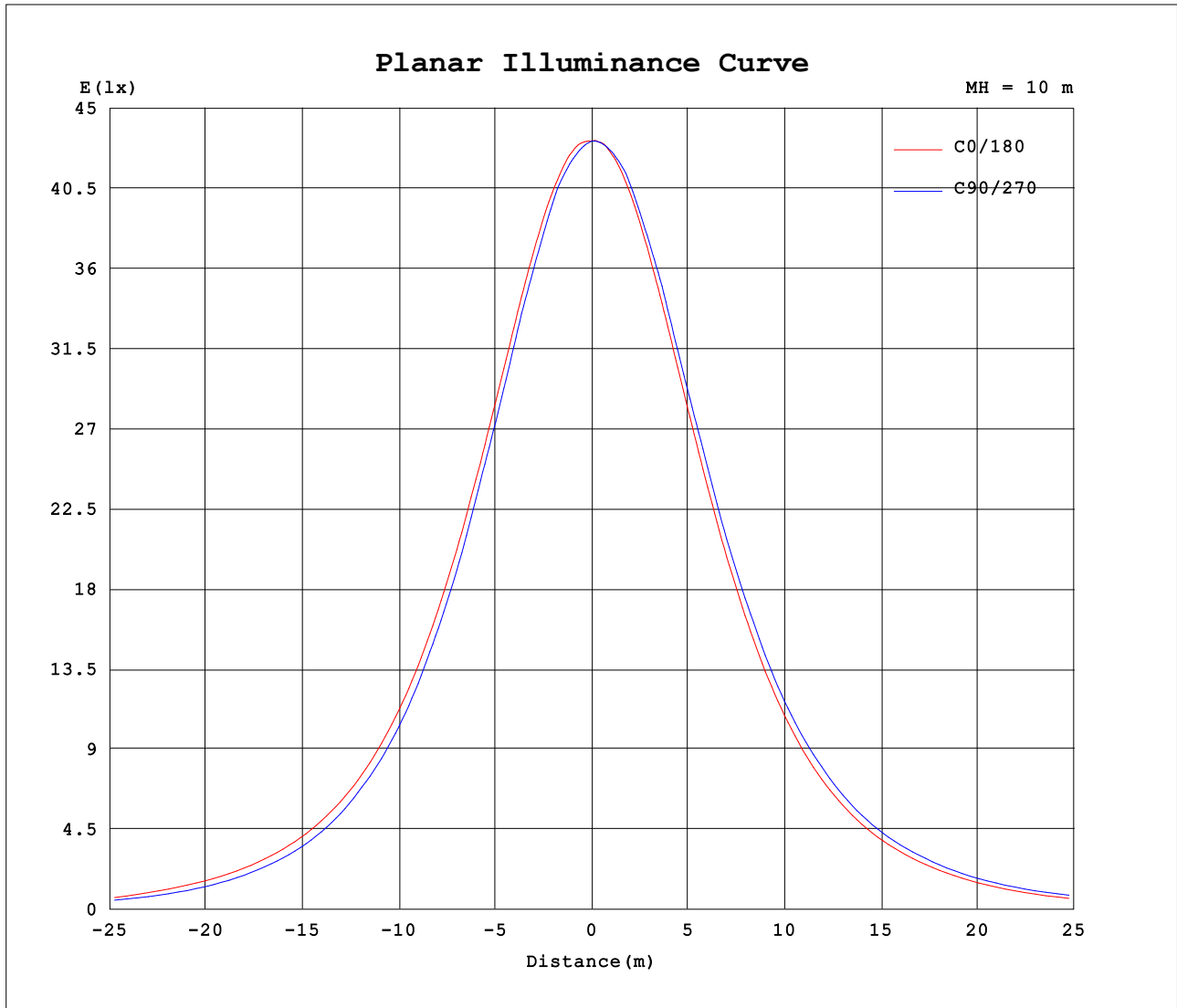
NAME: LEDFLOOD150W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-12-19

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: 2018-12-19

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: LEDFLOOD150W4K	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	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317
5	4327	4323	4319	4316	4312	4309	4305	4302	4299	4297	4295	4292	4290	4287	4285	4284	4283	4282	4281
10	4295	4288	4282	4276	4271	4267	4264	4262	4260	4259	4257	4256	4254	4249	4249	4248	4246	4246	4245
15	4239	4228	4218	4210	4203	4199	4196	4195	4196	4189	4179	4171	4166	4161	4155	4147	4143	4140	4139
20	4148	4133	4122	4115	4111	4108	4101	4088	4076	4067	4060	4056	4049	4047	4049	4044	4039	4032	4034
25	4023	4006	3994	3987	3988	3978	3960	3947	3939	3934	3931	3923	3909	3898	3891	3886	3879	3872	3871
30	3865	3847	3837	3836	3825	3804	3790	3782	3776	3758	3748	3740	3733	3726	3721	3718	3714	3711	3709
35	3678	3658	3649	3649	3620	3605	3598	3581	3565	3554	3550	3549	3531	3511	3497	3487	3480	3472	3468
40	3451	3429	3425	3407	3383	3374	3352	3340	3333	3327	3299	3278	3262	3254	3245	3239	3238	3232	3227
45	3173	3153	3159	3123	3109	3088	3075	3076	3045	3018	3003	2999	2978	2961	2945	2934	2925	2918	2910
50	2860	2840	2830	2800	2783	2770	2764	2728	2705	2697	2672	2654	2639	2629	2621	2614	2605	2604	2593
55	2514	2497	2472	2448	2426	2415	2377	2355	2333	2311	2301	2295	2276	2256	2237	2222	2209	2203	2194
60	2131	2125	2083	2059	2050	2000	1973	1947	1930	1915	1887	1864	1847	1835	1823	1814	1806	1799	1795
65	1683	1677	1633	1631	1589	1562	1546	1526	1490	1461	1440	1425	1400	1380	1359	1342	1328	1315	1309
70	1059	1057	1041	1031	1022	1039	1037	1018	1026	995	974	950	923	898	876	857	843	829	823
75	484	477	483	478	491	482	490	509	510	495	512	517	501	485	470	456	445	436	432
80	80.1	87.2	93.5	103	112	117	114	151	176	183	178	160	134	109	86.9	68.1	53.9	44.8	41.3
85	2.11	10.3	15.5	17.3	18.8	19.6	17.1	14.6	12.4	10.5	8.90	7.42	5.78	4.13	2.65	1.48	0.65	0.16	0.00
90	1.66	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:2018-12-19

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 : LEDFLOOD150W4K	TYPE :	WEIGHT :
DIM. :	SPEC. :	SERIAL No. :
MFR. : EVERFINE	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	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317
5	4281	4282	4282	4283	4284	4286	4288	4290	4293	4295	4298	4299	4302	4304	4307	4310	4314	4317	4318
10	4242	4241	4240	4240	4241	4240	4239	4239	4241	4240	4242	4245	4249	4252	4257	4263	4270	4278	4277
15	4137	4137	4140	4141	4143	4145	4148	4152	4158	4164	4164	4163	4166	4171	4176	4184	4194	4206	4206
20	4032	4033	4032	4031	4027	4028	4028	4029	4031	4038	4046	4057	4058	4061	4066	4075	4087	4104	4103
25	3870	3871	3870	3868	3874	3878	3885	3892	3894	3893	3895	3902	3915	3923	3927	3935	3950	3971	3969
30	3706	3705	3695	3691	3691	3692	3695	3700	3710	3726	3728	3727	3735	3749	3756	3764	3781	3808	3804
35	3466	3465	3462	3467	3474	3482	3490	3488	3493	3497	3514	3528	3527	3535	3554	3559	3574	3603	3603
40	3224	3221	3217	3219	3215	3217	3222	3234	3246	3250	3259	3273	3297	3293	3303	3318	3335	3371	3368
45	2909	2905	2909	2914	2924	2934	2945	2942	2946	2960	2979	2982	2997	3018	3017	3038	3048	3084	3085
50	2592	2585	2585	2579	2583	2584	2593	2607	2630	2626	2634	2652	2660	2684	2694	2709	2724	2761	2764
55	2191	2190	2193	2197	2206	2216	2221	2225	2232	2250	2269	2275	2295	2309	2347	2346	2367	2410	2413
60	1789	1786	1784	1786	1787	1791	1798	1809	1826	1834	1851	1879	1890	1918	1938	1963	1982	2024	2031
65	1304	1306	1311	1321	1333	1349	1367	1374	1381	1392	1414	1422	1442	1452	1466	1494	1495	1540	1549
70	818	820	826	836	849	865	881	900	918	934	927	922	927	924	922	926	930	962	966
75	430	432	437	444	450	454	452	443	433	443	453	433	417	410	406	392	398	409	418
80	43.4	51.0	63.5	80.1	99.3	120	138	154	158	145	121	86.3	92.5	89.7	76.0	68.9	50.1	45.8	53.1
85	0.15	0.61	1.35	2.37	3.60	4.95	6.30	7.59	8.97	10.6	12.1	13.6	15.0	14.9	13.2	11.9	7.74	3.60	4.28
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	2.44	0.00

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-12-19

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 : LEDFLOOD150W4K	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	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317	4317				
5	4325	4325	4326	4326	4326	4327	4327	4327	4327	4327	4327	4327	4327	4327	4327				
10	4329	4329	4328	4329	4328	4326	4324	4318	4313	4309	4306	4302	4299	4297	4296				
15	4279	4282	4285	4284	4283	4282	4283	4282	4273	4269	4261	4253	4247	4243	4240				
20	4223	4221	4215	4208	4204	4202	4197	4195	4197	4199	4189	4177	4166	4156	4150				
25	4110	4109	4105	4107	4106	4106	4099	4091	4082	4074	4078	4072	4052	4037	4028				
30	3988	3980	3976	3969	3966	3963	3956	3952	3939	3932	3926	3925	3910	3887	3871				
35	3799	3797	3802	3809	3816	3796	3780	3774	3773	3765	3744	3733	3735	3707	3687				
40	3593	3590	3586	3582	3580	3581	3590	3576	3554	3537	3533	3510	3503	3490	3461				
45	3321	3329	3329	3337	3341	3324	3318	3313	3319	3289	3266	3255	3234	3233	3190				
50	3034	3036	3027	3028	3023	3025	3028	3008	2997	2999	2970	2945	2923	2916	2884				
55	2679	2684	2685	2692	2693	2678	2663	2656	2651	2632	2632	2600	2581	2559	2542				
60	2306	2300	2293	2288	2285	2281	2284	2268	2248	2244	2226	2231	2196	2173	2171				
65	1844	1847	1852	1856	1859	1849	1834	1827	1833	1812	1790	1771	1769	1724	1725				
70	1365	1367	1370	1370	1368	1369	1357	1361	1330	1292	1260	1201	1161	1125	1101				
75	852	860	869	872	873	879	828	793	748	701	656	624	572	545	507				
80	334	347	361	358	356	357	344	315	274	210	185	158	132	110	94.4				
85	10.5	18.2	27.4	33.8	37.3	36.0	30.0	18.8	9.87	8.38	16.0	8.04	6.19	4.79	3.07				
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:2018-12-19

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: