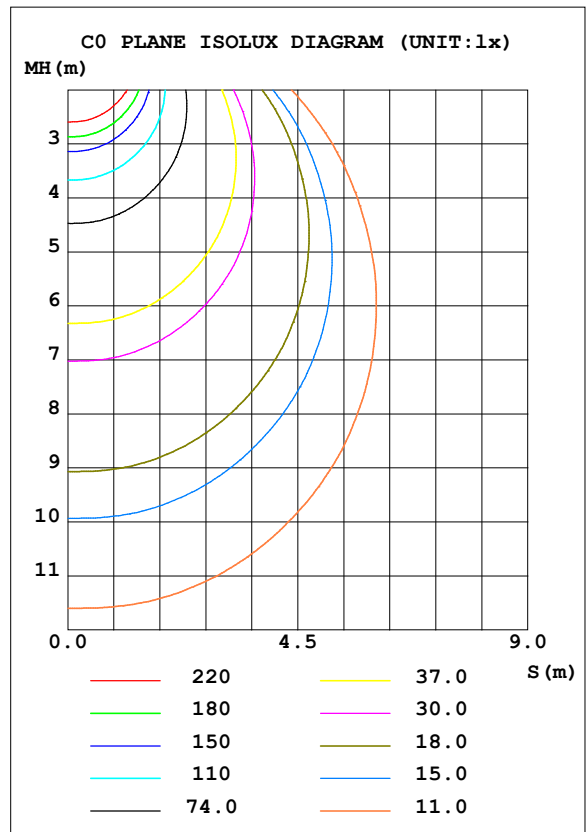
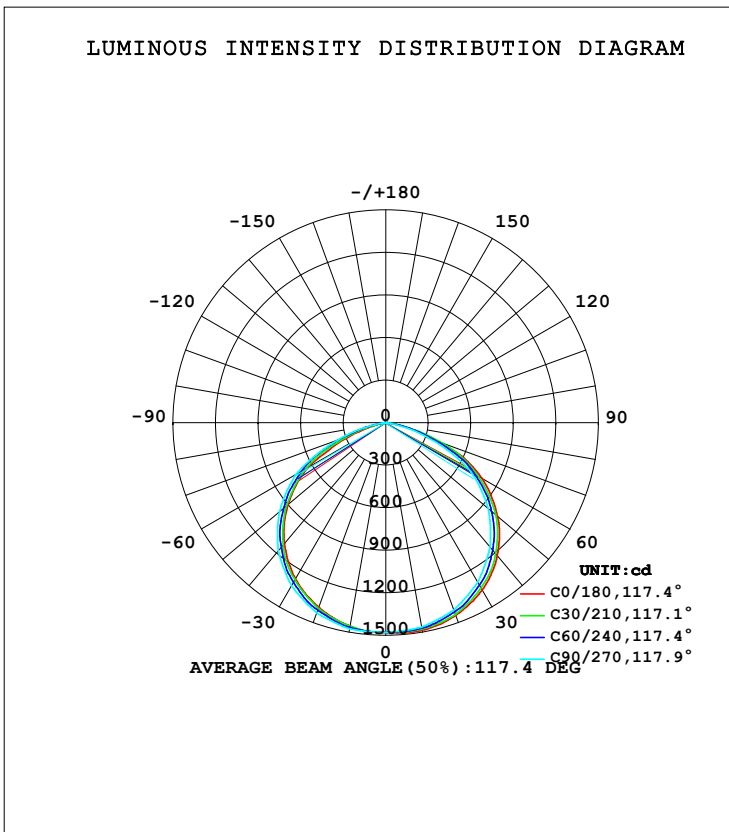


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LEDFLOOD50W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	1489	S/MH (C0/180)	1.36
NOMINAL POWER (W)	52	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	4269.9	η UP, DN (C0-180)	0.0, 49.4
NOMINAL FLUX (lm)	4269.94	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	229.0	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	1486	1479	1472	1471	1477	1475	1478	1483	0- 5	35.35	35.35	0.83,0.83
10	1486	1474	1464	1454	1456	1461	1477	1482	5- 10	105.4	140.8	3.3,3.3
15	1473	1459	1435	1425	1426	1437	1452	1471	10- 15	172.9	313.7	7.35,7.35
20	1445	1426	1406	1382	1384	1396	1427	1441	15- 20	235.6	549.3	12.9,12.9
25	1408	1387	1353	1333	1335	1352	1378	1406	20- 25	291.8	841.1	19.7,19.7
30	1361	1335	1299	1272	1272	1293	1329	1357	25- 30	339.4	1180	27.6,27.6
35	1299	1271	1222	1196	1199	1220	1255	1295	30- 35	376.9	1557	36.5,36.5
40	1224	1197	1145	1112	1112	1138	1180	1225	35- 40	402.0	1959	45.9,45.9
45	1134	1099	1044	1008	1014	1037	1080	1128	40- 45	413.7	2373	55.6,55.6
50	1028	992.0	943.7	901.1	899.8	930.8	979.6	1023	45- 50	410.2	2783	65.2,65.2
55	910.8	868.6	819.4	770.6	776.3	799.7	855.8	897.9	50- 55	391.3	3175	74.3,74.3
60	781.6	740.2	695.1	634.8	632.8	663.7	732.0	767.6	55- 60	356.8	3531	82.7,82.7
65	627.1	593.2	510.5	489.5	421.2	517.9	544.9	616.9	60- 65	303.5	3835	89.8,89.8
70	400.9	421.6	325.9	322.2	247.9	348.4	357.7	450.6	65- 70	226.7	4062	95.1,95.1
75	212.8	219.3	172.3	131.9	90.40	148.8	194.2	250.4	70- 75	138.3	4200	98.4,98.4
80	58.57	86.68	18.69	44.04	7.815	51.96	30.66	101.4	75- 80	59.13	4259	99.7,99.7
85	1.069	6.601	0	3.013	0.9412	2.040	0	8.234	80- 85	10.42	4269	100,100
90	0.4327	0	0	0	0.7686	0	0	0	85- 90	0.4433	4270	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			

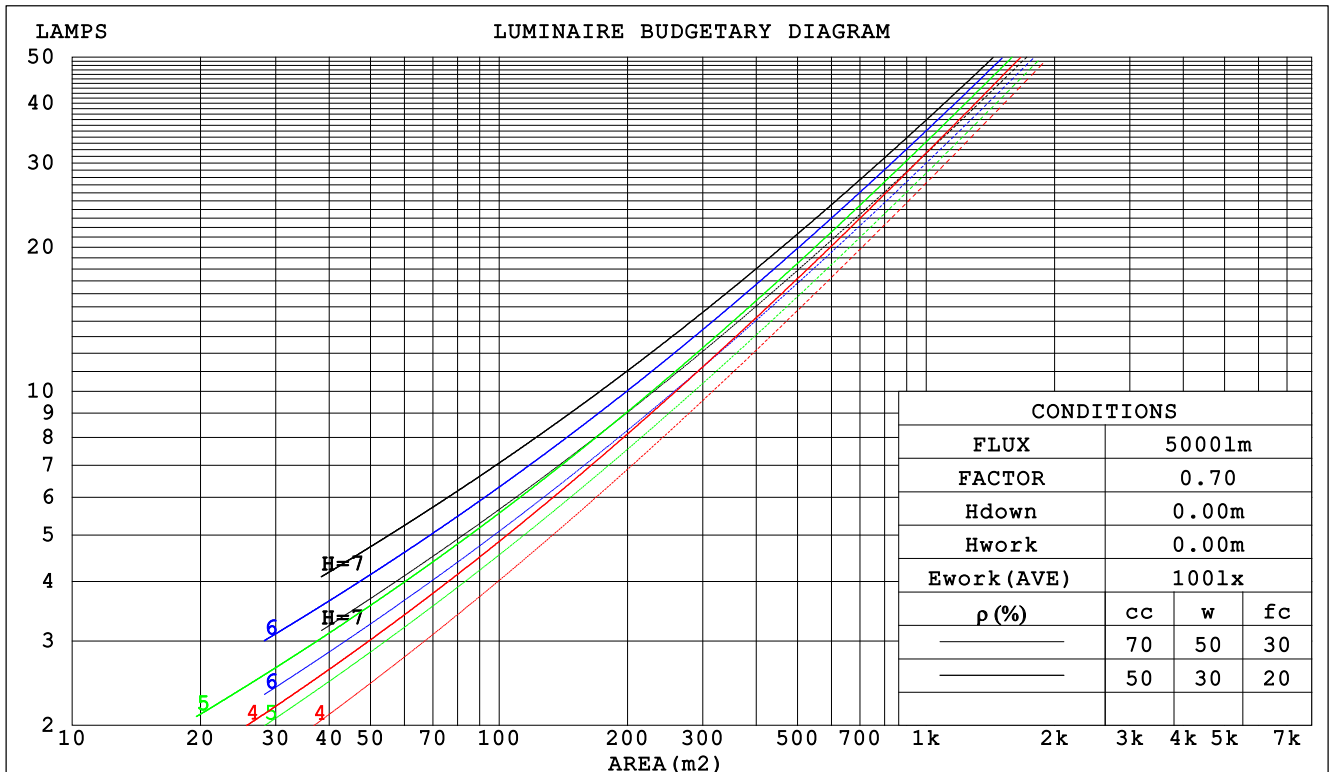
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-19

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: LEDFLOOD50W4K	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	.93	.90	.91	.89	.88	.86
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.84	.79	.76	.81	.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	.57	.70	.62	.56	.68	.61	.55	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.42	.57	.48	.42	.55	.47	.42	.53	.46	.41	.52	.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	.38	.33	.43	.37	.32	.31
9.0	.43	.35	.30	.43	.35	.30	.42	.35	.30	.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:2018-12-19

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: LEDFLOOD50W4K	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	.283	.161	.051	.276	.157	.050	.263	.151	.048	.251	.145	.046	.240	.139	.045	
2.0	.275	.151	.046	.269	.148	.046	.258	.143	.045	.247	.139	.043	.237	.134	.042	
3.0	.259	.138	.041	.254	.136	.041	.244	.132	.040	.234	.128	.039	.226	.125	.039	
4.0	.242	.126	.037	.237	.124	.037	.228	.121	.036	.220	.118	.036	.212	.115	.035	
5.0	.226	.115	.033	.221	.114	.033	.213	.111	.033	.206	.109	.032	.199	.106	.032	
6.0	.210	.105	.030	.206	.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	.087	.025	.170	.086	.025	.165	.084	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.081	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.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	.178	.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	.162	.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	.035	.084	.050	.024	.049	.029	.015	.016	.010	.005	
7.0	.134	.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:2018-12-19

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: LEDFLOOD50W4K		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		18.1	19.6	18.4	19.8	20.0	17.6	19.1	17.9	19.3	19.5
	3H	19.4	20.8	19.7	21.0	21.3	18.7	20.1	19.0	20.3	20.5
	4H	19.7	21.0	20.0	21.2	21.5	18.9	20.2	19.2	20.5	20.7
	6H	19.7	20.9	20.0	21.2	21.5	18.9	20.1	19.2	20.4	20.7
	8H	19.7	20.8	20.0	21.1	21.4	18.9	20.0	19.2	20.3	20.6
	12H	19.6	20.7	20.0	21.0	21.3	18.8	19.9	19.2	20.2	20.5
	4H 2H	18.7	20.0	19.0	20.2	20.5	18.3	19.6	18.6	19.8	20.1
	3H	20.1	21.3	20.5	21.6	21.9	19.5	20.7	19.9	20.9	21.2
	4H	20.5	21.5	20.8	21.8	22.1	19.8	20.9	20.2	21.2	21.5
	6H	20.5	21.4	20.9	21.8	22.2	19.8	20.7	20.2	21.1	21.5
	8H	20.5	21.3	20.9	21.7	22.1	19.8	20.6	20.2	21.0	21.4
	12H	20.5	21.2	20.9	21.6	22.0	19.8	20.5	20.2	20.9	21.3
	8H 4H	20.6	21.4	21.0	21.8	22.2	20.0	20.8	20.4	21.2	21.6
	6H	20.7	21.4	21.1	21.8	22.2	20.0	20.7	20.5	21.1	21.6
	8H	20.6	21.3	21.1	21.7	22.1	20.0	20.6	20.5	21.0	21.5
	12H	20.6	21.1	21.1	21.6	22.1	20.0	20.5	20.4	20.9	21.4
	12H 4H	20.5	21.3	21.0	21.7	22.1	19.9	20.7	20.4	21.1	21.5
	6H	20.6	21.3	21.1	21.7	22.1	20.0	20.6	20.5	21.1	21.5
	8H	20.6	21.2	21.1	21.6	22.1	20.0	20.5	20.5	21.0	21.4
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.3					+ 0.3 / - 0.3				
1.5H		+ 0.1 / - 0.3					+ 0.3 / - 0.5				
2.0H		+ 0.3 / - 0.6					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 4270 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.0)

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: LEDFLOOD50W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

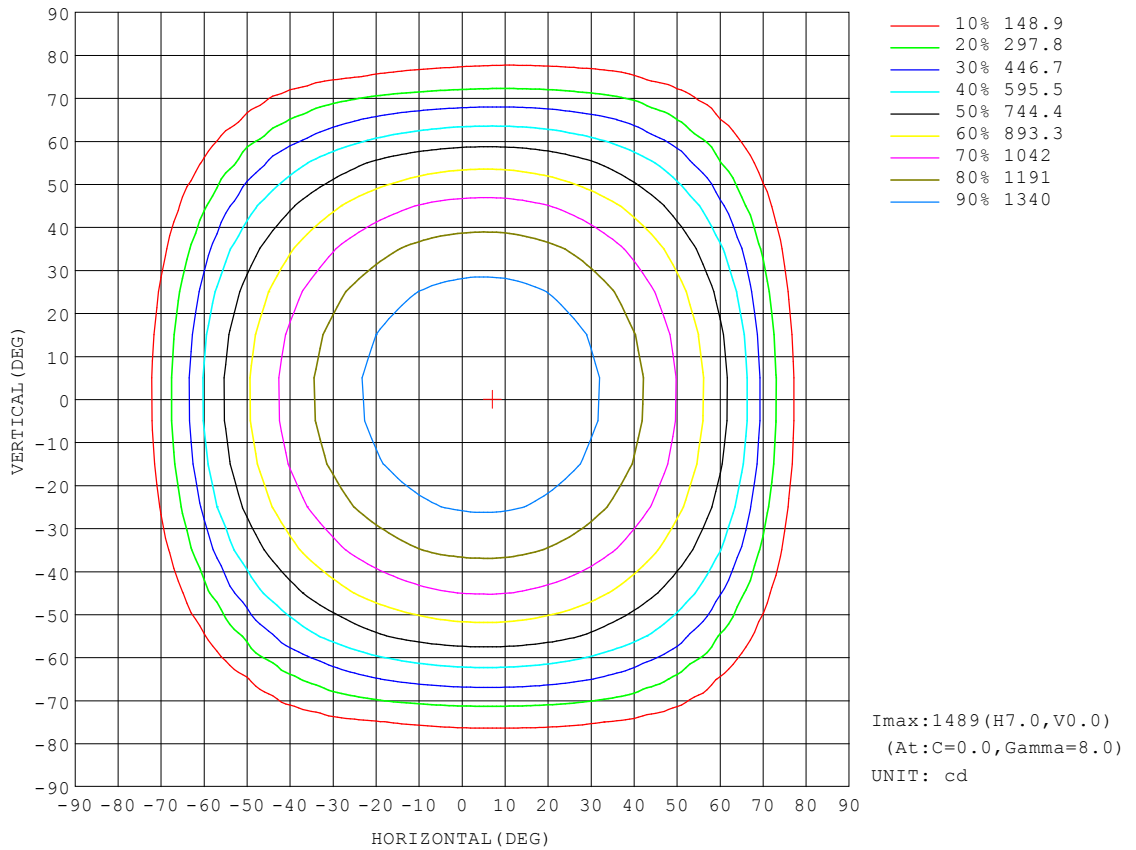
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	46	39	33
0.80	68	57	50	67	56	49	66	56	49	42
1.00	77	66	59	76	66	59	74	67	58	51
1.25	84	74	67	83	74	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	92	86	94	89	84	76
3.00	104	97	92	101	96	91	97	93	89	81
4.00	107	102	98	105	100	96	101	97	94	85
5.00	110	105	102	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: 2018-12-19

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: LEDFLOOD50W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

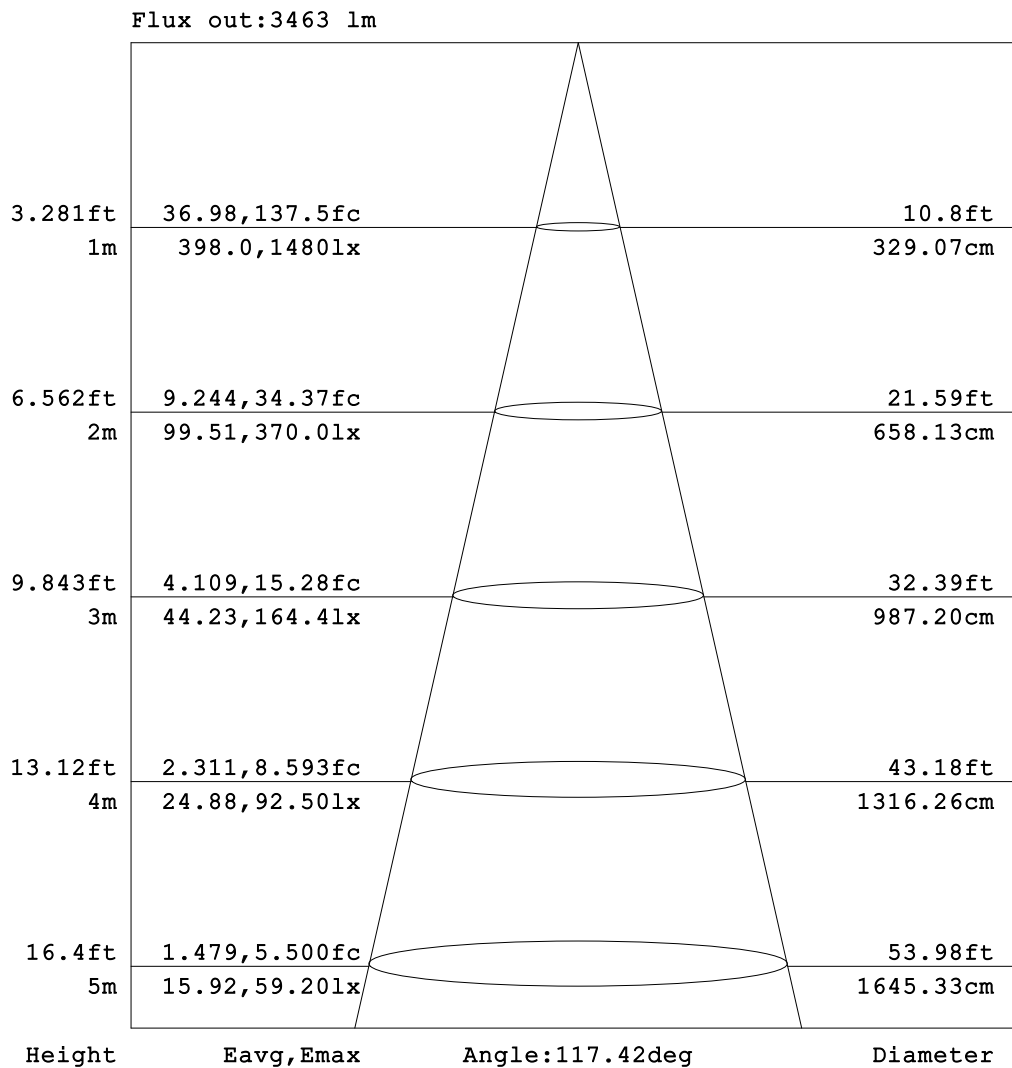


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-12-19

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: LEDFLOOD50W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



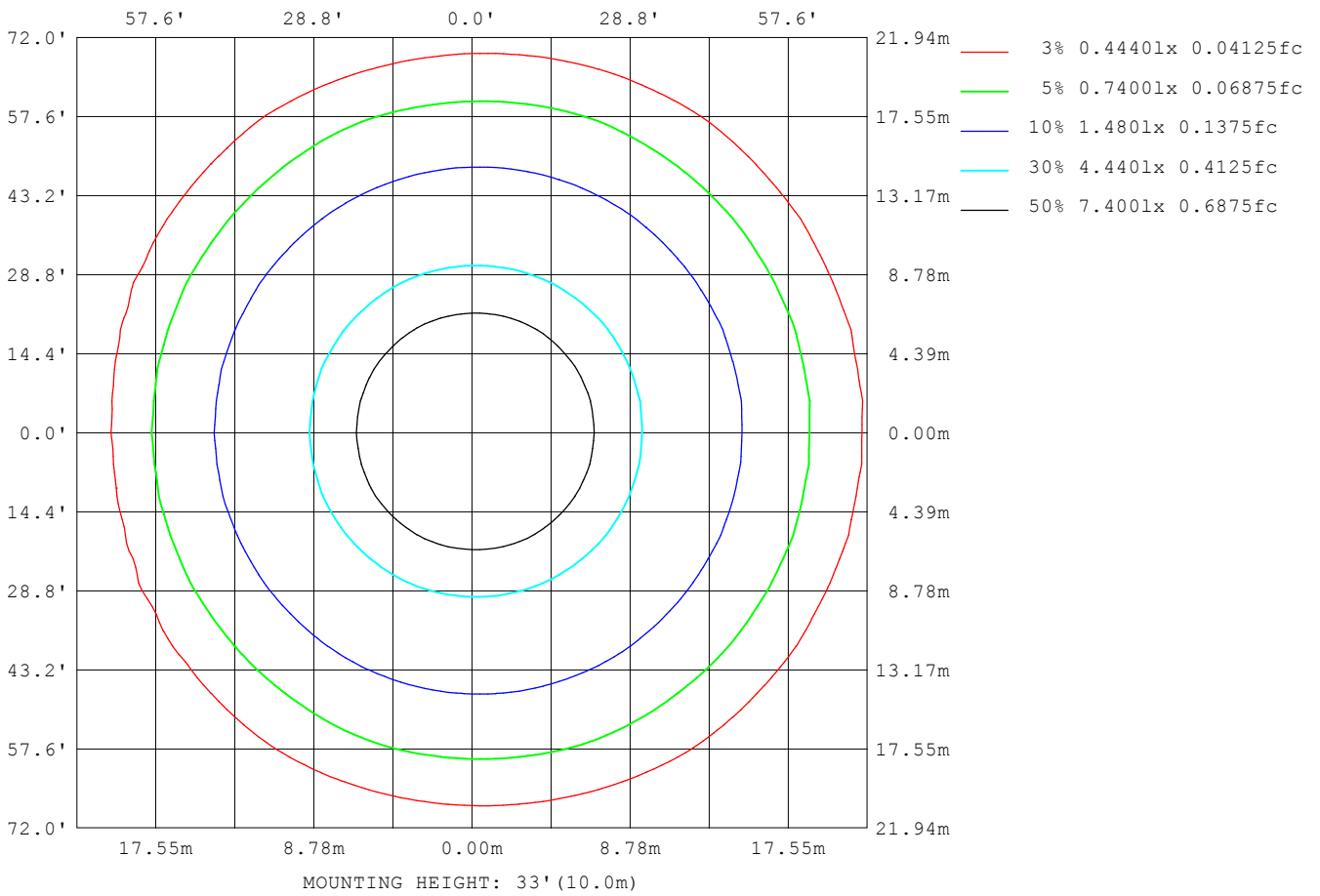
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

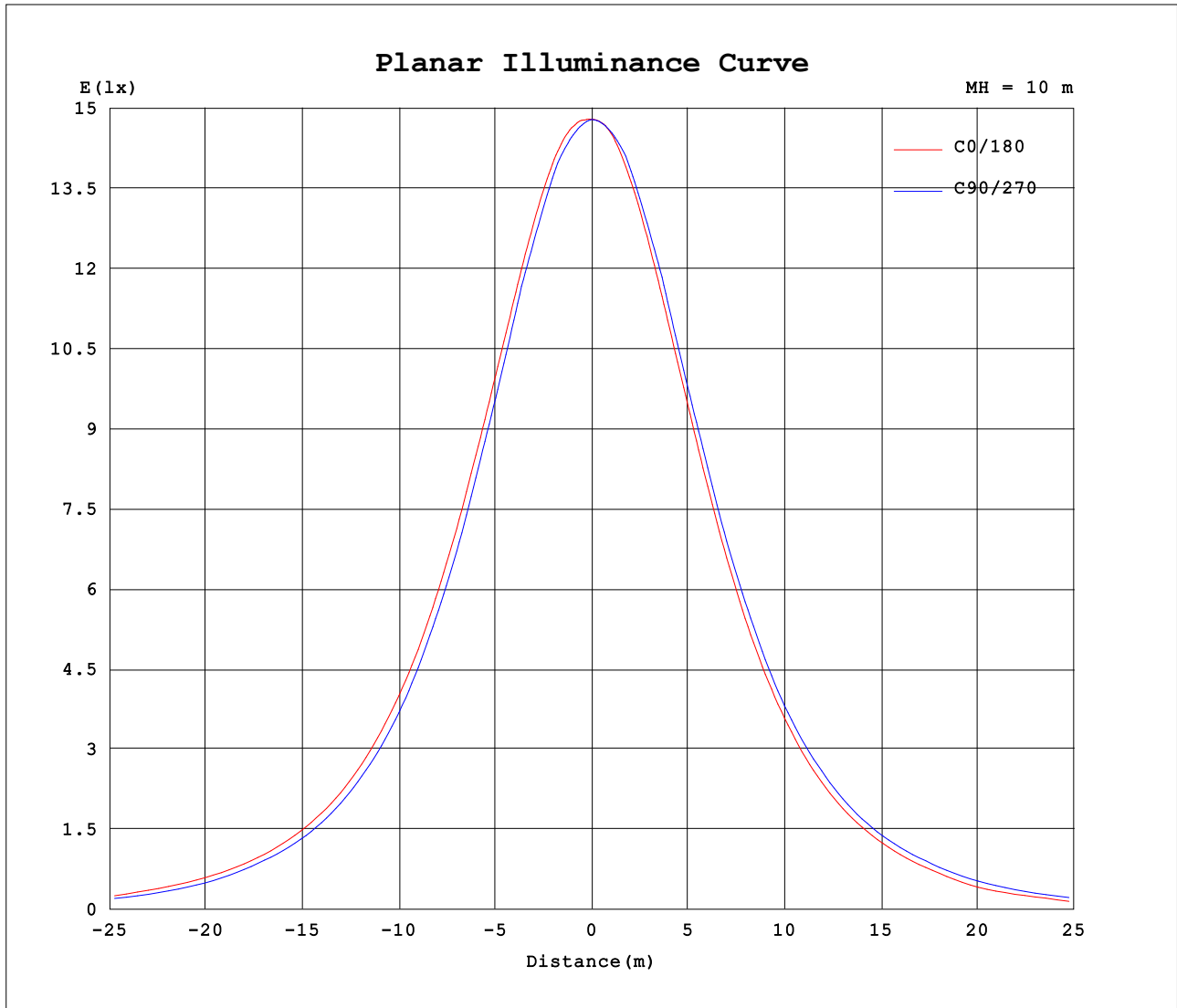
NAME: LEDFLOOD50W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



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: LEDFLOOD50W4K	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	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479
5	1486	1485	1485	1484	1483	1482	1482	1481	1480	1479	1479	1478	1477	1475	1475	1474	1473	1473	1472
10	1486	1485	1483	1481	1480	1478	1478	1477	1476	1474	1473	1472	1471	1471	1470	1469	1468	1466	1464
15	1473	1470	1468	1466	1464	1463	1463	1463	1463	1459	1456	1453	1450	1447	1444	1442	1440	1438	1435
20	1445	1442	1440	1438	1438	1438	1438	1433	1429	1426	1424	1422	1420	1418	1416	1413	1411	1409	1406
25	1408	1404	1402	1401	1402	1400	1395	1391	1389	1387	1386	1382	1378	1373	1369	1365	1360	1357	1353
30	1361	1357	1355	1356	1355	1349	1345	1343	1341	1335	1329	1325	1322	1318	1315	1312	1308	1304	1299
35	1299	1295	1295	1298	1290	1286	1286	1280	1275	1271	1267	1265	1258	1251	1244	1238	1233	1227	1222
40	1224	1220	1222	1219	1213	1213	1206	1202	1201	1197	1188	1179	1173	1168	1164	1160	1156	1150	1145
45	1134	1130	1135	1126	1124	1119	1115	1116	1105	1099	1094	1090	1083	1075	1068	1063	1057	1050	1044
50	1028	1027	1028	1021	1017	1015	1013	1002	995	992	986	979	974	968	964	960	956	949	944
55	911	910	906	904	898	896	885	880	874	869	865	864	858	851	844	838	832	826	819
60	782	783	775	770	770	758	752	745	741	740	732	728	724	720	716	711	706	701	695
65	627	631	622	624	613	607	606	605	597	593	589	586	572	558	546	534	524	517	511
70	401	401	400	409	415	413	428	435	441	422	412	398	384	370	358	348	339	331	326
75	213	211	211	208	215	226	234	228	230	219	230	224	214	205	196	188	181	176	172
80	58.6	60.4	59.6	64.6	70.8	72.8	70.9	80.0	84.7	86.7	83.9	74.1	63.4	53.4	42.1	31.5	24.4	20.4	18.7
85	1.07	4.97	7.28	8.04	8.97	12.0	8.29	7.36	7.06	6.60	5.68	4.49	3.64	2.62	1.53	0.74	0.30	0.07	0.00
90	0.43	0.00	0.00	0.00	0.00	0.00	0.00	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: LEDFLOOD50W4K	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	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479
5	1471	1471	1471	1471	1471	1471	1471	1471	1471	1472	1472	1473	1473	1474	1474	1475	1476	1477	1476
10	1462	1461	1460	1459	1458	1456	1456	1455	1454	1453	1452	1451	1451	1451	1452	1453	1454	1456	1455
15	1432	1431	1430	1429	1428	1427	1425	1425	1425	1425	1423	1421	1420	1419	1420	1421	1423	1426	1424
20	1402	1400	1398	1394	1391	1389	1385	1383	1382	1380	1380	1381	1378	1377	1377	1378	1380	1384	1382
25	1349	1347	1344	1342	1341	1338	1339	1338	1333	1330	1328	1327	1327	1327	1326	1326	1329	1335	1332
30	1295	1292	1288	1284	1279	1276	1273	1271	1272	1274	1269	1265	1265	1266	1265	1264	1267	1272	1270
35	1218	1215	1211	1208	1206	1205	1204	1199	1196	1194	1197	1197	1192	1190	1192	1190	1192	1199	1195
40	1140	1137	1131	1125	1120	1116	1114	1112	1112	1109	1106	1106	1110	1104	1103	1103	1105	1112	1108
45	1040	1035	1030	1026	1023	1023	1019	1013	1008	1007	1010	1005	1007	1009	1003	1006	1006	1014	1009
50	938	932	924	918	912	908	903	900	901	896	892	892	890	892	891	890	890	900	894
55	814	808	802	796	792	787	781	776	771	768	768	763	764	764	772	766	767	776	771
60	689	683	675	668	661	652	644	640	635	630	627	629	624	624	625	625	624	633	628
65	506	503	501	502	503	502	503	498	490	470	475	442	447	430	419	420	417	421	419
70	322	319	319	319	321	323	318	320	322	296	276	270	251	239	236	231	236	248	240
75	170	169	170	170	170	171	152	140	132	130	126	116	104	92.9	89.8	90.3	88.0	90.4	91.8
80	19.2	21.8	26.1	31.6	38.0	44.9	46.9	47.0	44.0	38.2	27.4	14.8	21.2	13.4	12.8	10.8	9.01	7.81	7.94
85	0.07	0.27	0.58	0.97	1.41	1.86	2.29	2.67	3.01	3.34	3.63	3.91	4.20	4.10	3.44	3.23	2.30	0.94	1.40
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	0.77	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: LEDFLOOD50W4K	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	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479	1479
5	1476	1476	1475	1475	1475	1475	1475	1475	1475	1476	1476	1476	1477	1477	1477	1477	1478	1479	1479
10	1455	1455	1455	1456	1457	1458	1459	1461	1463	1464	1466	1468	1470	1472	1473	1474	1477	1477	1479
15	1424	1424	1425	1427	1429	1433	1436	1437	1438	1439	1440	1442	1444	1446	1447	1449	1452	1454	1457
20	1382	1383	1385	1388	1393	1393	1394	1396	1400	1403	1406	1410	1415	1418	1421	1423	1427	1431	1432
25	1331	1333	1338	1340	1340	1343	1347	1352	1358	1360	1362	1363	1366	1370	1373	1375	1378	1383	1386
30	1270	1274	1277	1278	1281	1288	1292	1293	1295	1298	1301	1306	1311	1317	1321	1326	1329	1334	1337
35	1196	1201	1202	1206	1215	1216	1216	1220	1225	1231	1234	1236	1239	1243	1247	1251	1255	1260	1265
40	1111	1113	1118	1127	1125	1127	1133	1138	1140	1143	1147	1152	1159	1166	1172	1176	1180	1186	1190
45	1013	1015	1024	1025	1025	1032	1033	1037	1043	1052	1056	1057	1061	1066	1071	1076	1080	1086	1093
50	898	904	908	908	915	916	923	931	931	935	940	947	952	961	967	974	980	986	992
55	774	783	780	783	785	794	796	800	805	813	821	827	832	838	844	850	856	862	868
60	633	637	641	644	652	652	656	664	670	677	685	696	703	711	719	725	732	737	742
65	425	428	449	478	484	499	508	518	527	535	534	534	532	533	535	539	545	552	561
70	245	252	270	273	290	320	327	348	343	350	348	346	344	344	346	351	358	366	376
75	91.4	105	114	119	131	143	147	149	160	183	186	187	186	186	187	189	194	201	210
80	9.14	12.8	17.5	22.8	20.0	34.2	46.3	52.0	54.4	53.9	48.3	43.8	38.9	33.4	29.4	27.7	30.7	37.0	45.4
85	1.68	1.71	2.18	2.13	1.94	1.95	1.95	2.04	2.05	1.94	1.84	1.79	1.37	0.81	0.38	0.10	0.00	0.14	0.62
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 γ Range: 0 - 90DEG
 C Interval: 5.0DEG γ Interval: 0.5DEG
 Test Speed: HIGH Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Temperature: 25.3DEG Humidity: 65.0%
 Operators: DAMIN Test Distance: 12.300m [K=1.0000]
 Test Date: 2018-12-19 Remarks:

