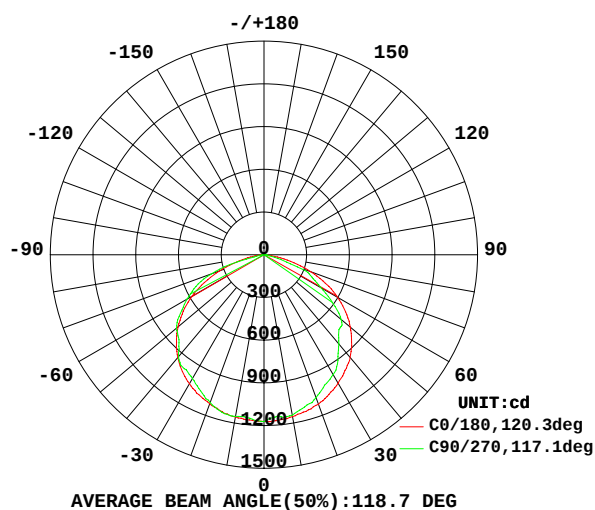


LUMINAIRE PHOTOMETRIC TEST REPORT

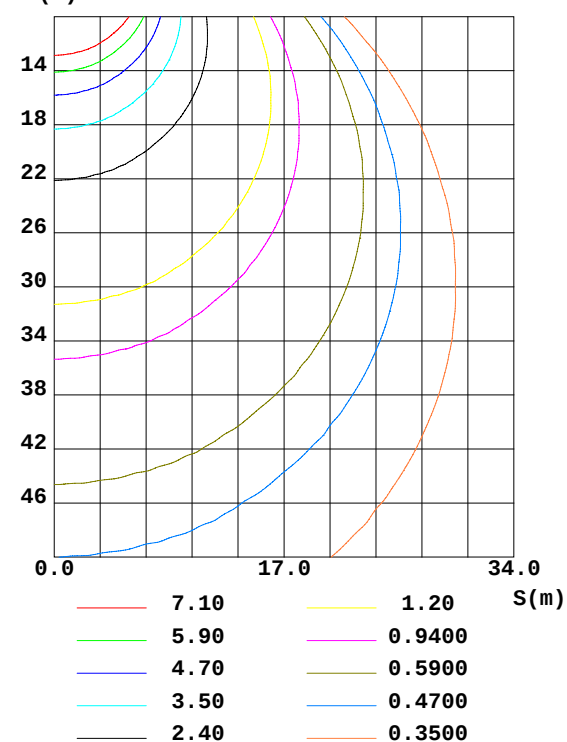
Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm		
NAME: 4 fixture	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Carson	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.26 lm/W			
MODEL	CT-D02036PBN	I _{max} (cd)	1178	S/MH(C0/180)	1.33
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3453.2	η UP, DN(C0-180)	0.1, 52.3
NOMINAL FLUX(lm)	3453.19	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 47.6
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.1	η down(%)	99.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



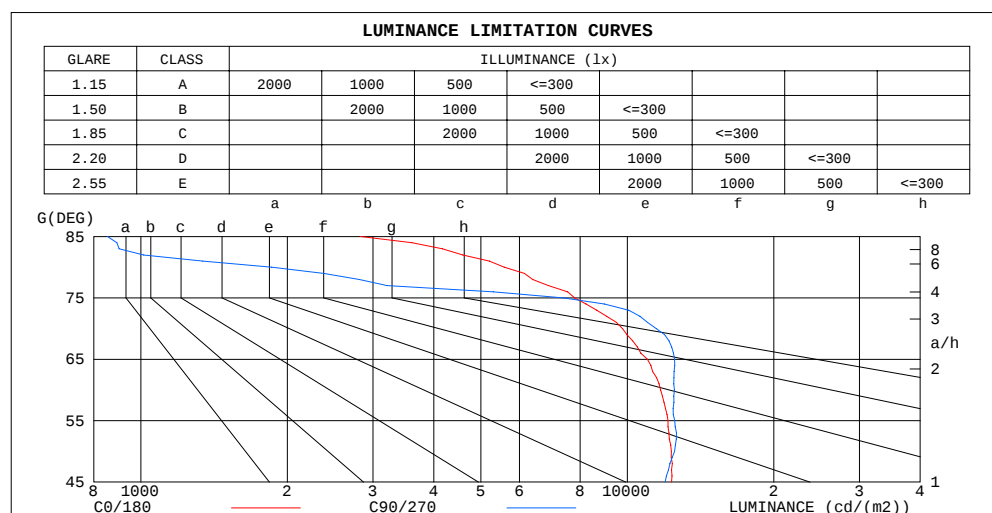
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature: 25.0DEG
Operators: ben
Test Date: 2015-06-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.273
Humidity: 52%
Test Distance: 2.463m [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	1156	1138	1153	1140	1154	1139	1145	1145	0- 10	109.9	109.9	3.18, 3.18
20	1114	1123	1105	1127	1117	1086	1068	1089	10- 20	318.5	428.4	12.4, 12.4
30	1047	1023	1005	1029	1042	983.7	972.0	988.1	20- 30	488.5	917.0	26.6, 26.6
40	942.0	899.2	933.8	900.7	940.6	868.9	819.7	878.3	30- 40	600.6	1518	43.9, 43.9
50	788.8	797.2	803.4	795.6	790.6	685.7	708.4	695.4	40- 50	637.9	2155	62.4, 62.4
60	583.3	629.6	624.3	639.8	596.0	556.2	459.7	562.7	50- 60	593.3	2749	79.6, 79.6
70	333.3	407.6	392.0	423.9	349.4	276.5	250.4	296.1	60- 70	453.4	3202	92.7, 92.7
80	96.65	96.44	32.21	75.33	96.74	51.83	26.25	53.08	70- 80	219.6	3422	99.1, 99.1
90	0.4893	0.7674	0.7100	0.9859	0.2545	2.241	2.429	2.186	80- 90	27.96	3450	99.9, 99.9
100	0.3921	0.3363	0.2945	0.3764	0.2263	0.1881	0.1486	0.1755	90-100	0.4452	3450	99.9, 99.9
110	0.4478	0.4098	0.3924	0.4442	0.2702	0.2628	0.2265	0.2440	100-110	0.3322	3451	99.9, 99.9
120	0.4458	0.4191	0.4140	0.4454	0.3738	0.3997	0.3689	0.3704	110-120	0.3711	3451	99.9, 99.9
130	0.5448	0.5498	0.5301	0.5618	0.4967	0.5412	0.5302	0.5202	120-130	0.4193	3451	99.9, 99.9
140	0.7640	0.7862	0.7956	0.7904	0.5928	0.6103	0.6250	0.6052	130-140	0.4746	3452	100, 100
150	1.096	1.157	1.169	1.165	0.6688	0.6595	0.6780	0.6681	140-150	0.5007	3452	100, 100
160	1.302	1.368	1.412	1.352	0.8546	0.8281	0.8415	0.8315	150-160	0.4665	3453	100, 100
170	1.353	1.386	1.385	1.347	0.9717	0.9534	0.9433	0.9603	160-170	0.3215	3453	100, 100
180	1.194	1.189	1.232	1.191	1.201	1.201	1.179	1.179	170-180	0.1120	3453	100, 100
DEG	LUMINOUS INTENSITY:cd MAX (Ii - Iavg)/Iavg (0-135) = 144.8 %									UNIT:lm		



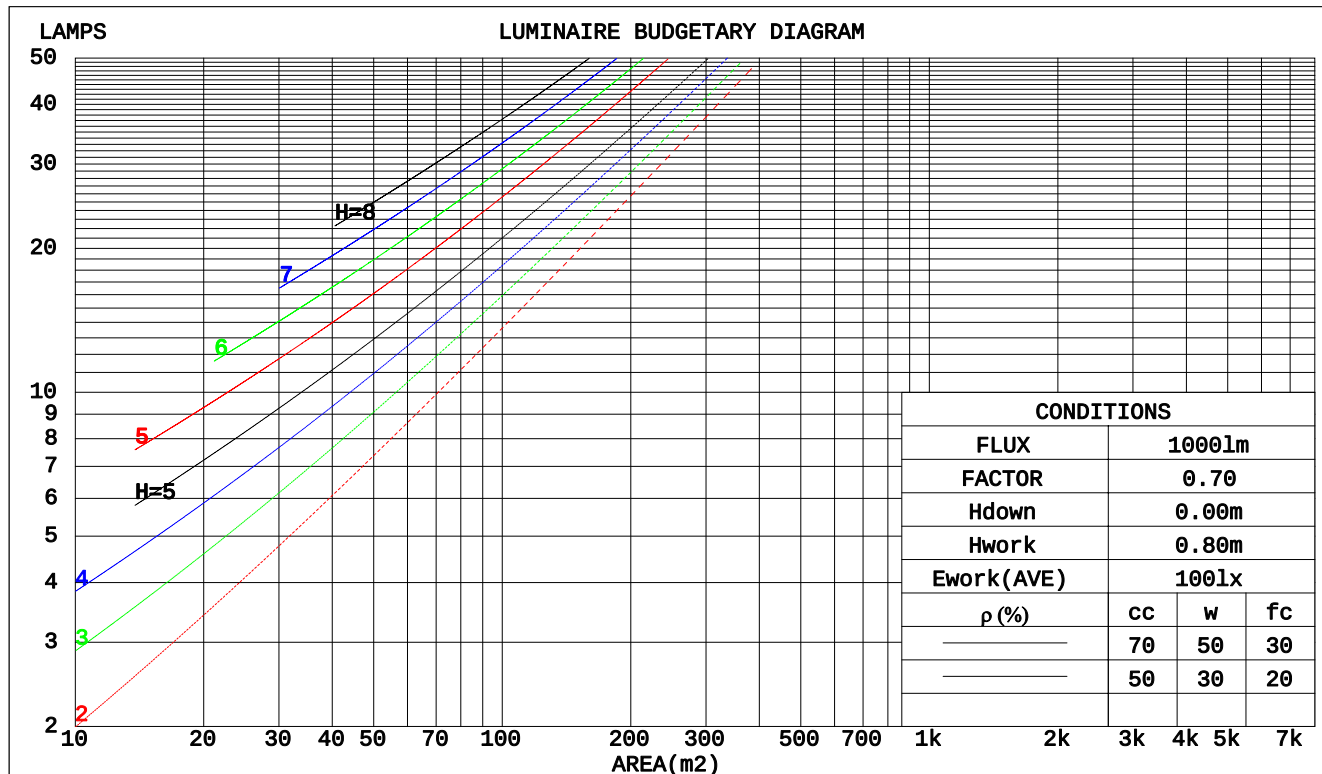
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature: 25.0DEG
Operators: ben
Test Date: 2015-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.273
Humidity: 52%
Test Distance: 2.463m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm		
NAME: 4 fixture	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Carson	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	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.78	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.54	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.0DEG
 Operators: ben
 Test Date: 2015-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.273
 Humidity: 52%
 Test Distance: 2.463m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm									
NAME: 4 fixture					TYPE:			WEIGHT:	
DIM.:					SPEC.:			SERIAL No.:	
MFR.: Carson					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	.299	.170	.054	.292	.167	.053	.279	.160	.051	.266	.154	.049	.255	.148	.048	
2.0	.287	.157	.048	.281	.155	.048	.269	.150	.046	.258	.145	.045	.248	.140	.044	
3.0	.268	.143	.043	.262	.141	.042	.252	.137	.042	.243	.133	.041	.234	.129	.040	
4.0	.248	.129	.038	.244	.127	.038	.234	.124	.037	.226	.121	.037	.218	.118	.036	
5.0	.230	.117	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.084	.024	.172	.084	.023	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.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	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.180	.157	.136	.154	.135	.117	.106	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.172	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.0DEG
 Operators:ben
 Test Date:2015-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.273
 Humidity:52%
 Test Distance:2.463m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm											
NAME: 4 fixture					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.: Carson					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	2H	21.7	23.3	22.0	23.5	23.7	22.1	23.6	22.4	23.8	24.0
	3H	23.2	24.6	23.5	24.9	25.1	23.8	25.2	24.1	25.5	25.7
	4H	23.7	25.1	24.1	25.3	25.6	24.3	25.6	24.6	25.8	26.1
	6H	24.0	25.2	24.3	25.5	25.8	24.2	25.5	24.5	25.7	26.0
	8H	24.0	25.2	24.4	25.5	25.8	24.2	25.4	24.5	25.6	25.9
	12H	24.0	25.2	24.4	25.5	25.8	24.1	25.3	24.5	25.6	25.9
4H	2H	22.5	23.9	22.8	24.1	24.4	22.8	24.1	23.1	24.4	24.6
	3H	24.2	25.4	24.5	25.7	26.0	24.7	25.8	25.0	26.1	26.4
	4H	24.9	25.9	25.2	26.3	26.6	25.2	26.3	25.6	26.6	26.9
	6H	25.2	26.2	25.6	26.5	26.9	25.2	26.1	25.6	26.5	26.8
	8H	25.3	26.2	25.7	26.6	27.0	25.1	26.0	25.5	26.4	26.8
	12H	25.3	26.1	25.8	26.5	26.9	25.1	25.9	25.5	26.3	26.7
8H	4H	25.2	26.1	25.6	26.4	26.8	25.5	26.3	25.9	26.7	27.1
	6H	25.7	26.4	26.1	26.8	27.2	25.5	26.2	25.9	26.6	27.0
	8H	25.9	26.5	26.3	26.9	27.4	25.4	26.1	25.9	26.5	27.0
	12H	25.9	26.5	26.4	26.9	27.4	25.4	25.9	25.9	26.4	26.9
12H	4H	25.2	26.0	25.6	26.4	26.8	25.4	26.2	25.9	26.6	27.0
	6H	25.7	26.3	26.1	26.7	27.2	25.5	26.1	25.9	26.5	27.0
	8H	25.9	26.4	26.4	26.9	27.3	25.4	26.0	25.9	26.4	26.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.1 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 3453 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.0DEG
 Operators:ben
 Test Date:2015-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.273
 Humidity:52%
 Test Distance:2.463m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm		
NAME: 4 fixture	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Carson	SUR.:	PROTECTION ANGLE:

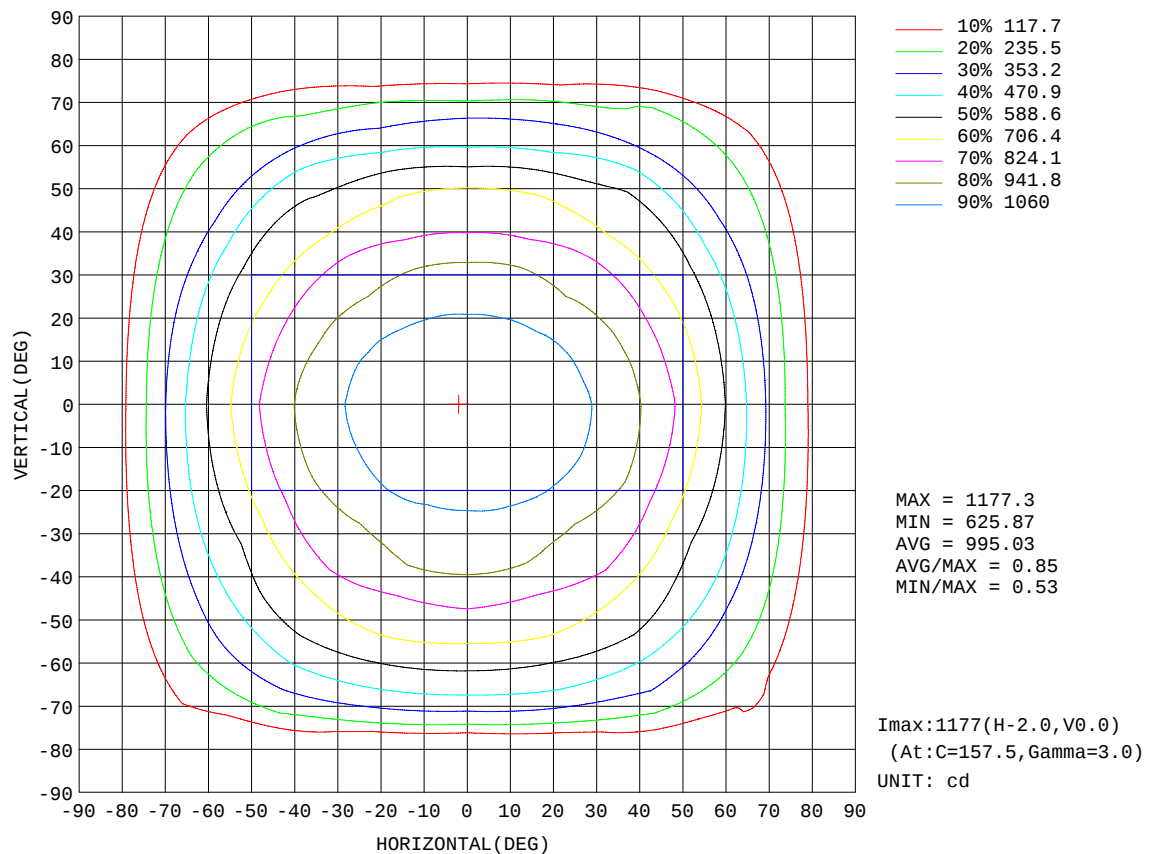
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	31
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	73	65	82	72	65	79	70	64	57
1.50	88	78	71	87	77	71	83	76	70	62
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	92	86	97	90	85	93	87	83	75
3.00	103	96	90	100	94	89	96	91	87	79
4.00	107	101	97	104	99	95	100	96	92	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: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.0DEG
 Operators:ben
 Test Date:2015-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.273
 Humidity:52%
 Test Distance:2.463m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm		
NAME: 4 fixture	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Carson	SUR.:	PROTECTION ANGLE:

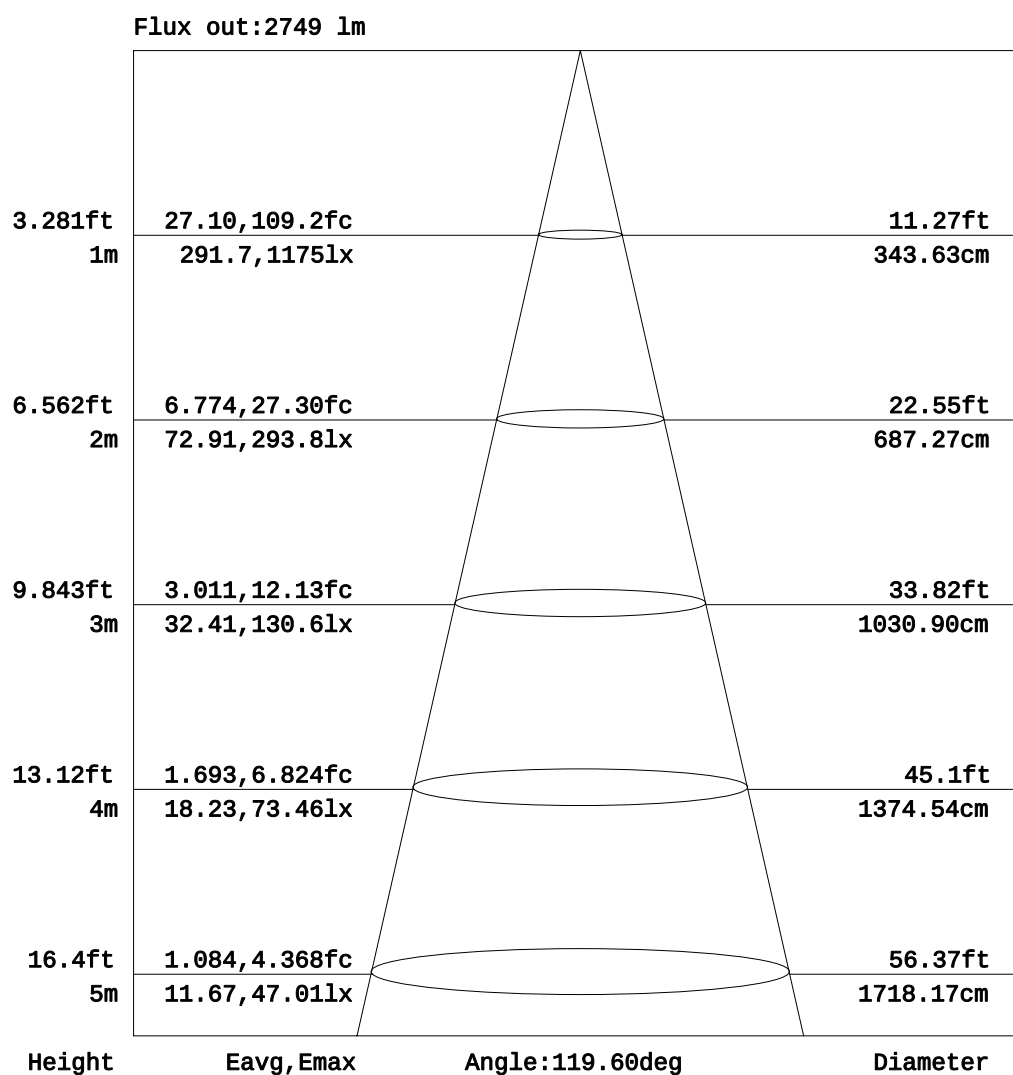


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.0DEG
Operators:ben
Test Date:2015-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.273
Humidity:52%
Test Distance:2.463m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm		
NAME: 4 fixture	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Carson	SUR.:	PROTECTION ANGLE:



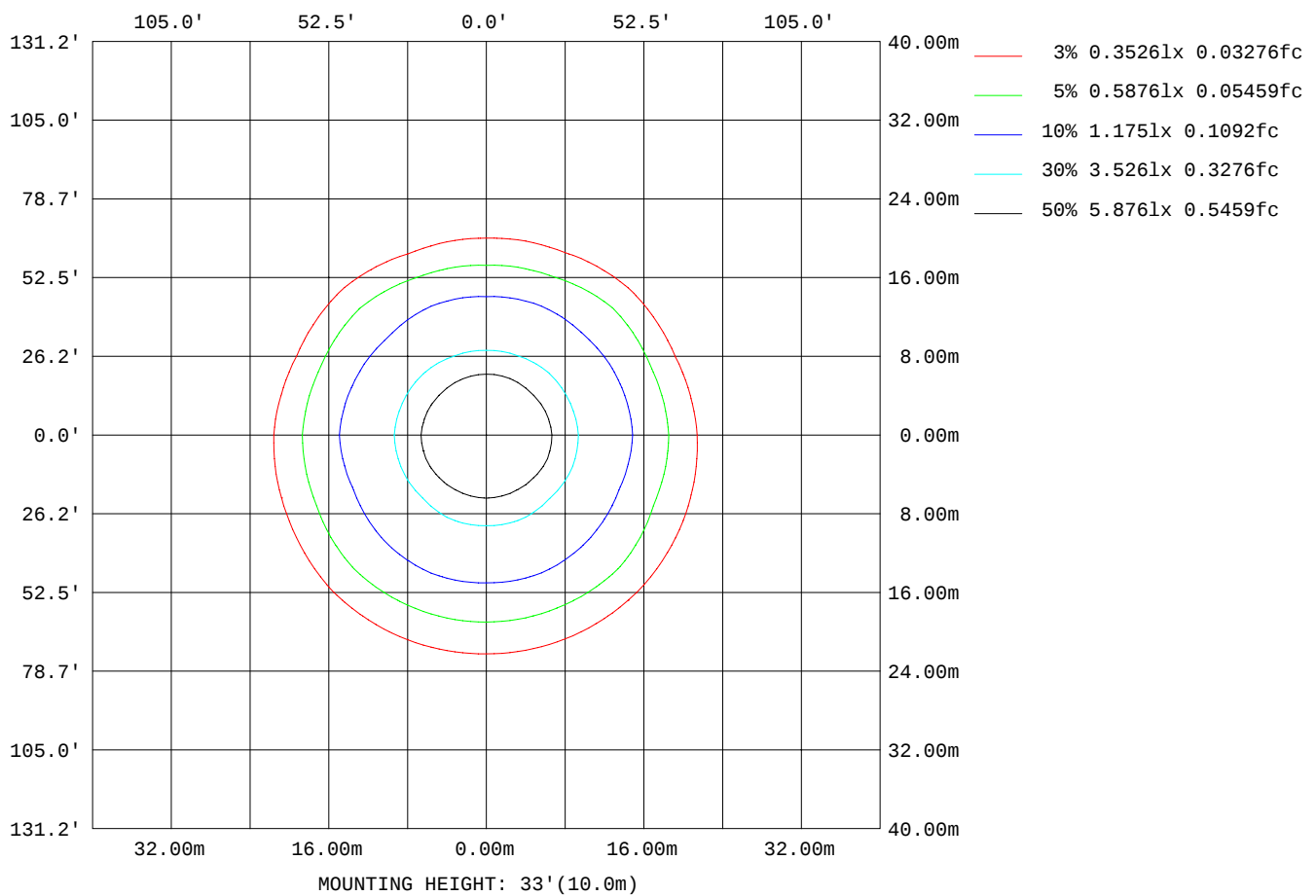
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature: 25.0DEG
Operators: ben
Test Date: 2015-06-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.273
Humidity: 52%
Test Distance: 2.463m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

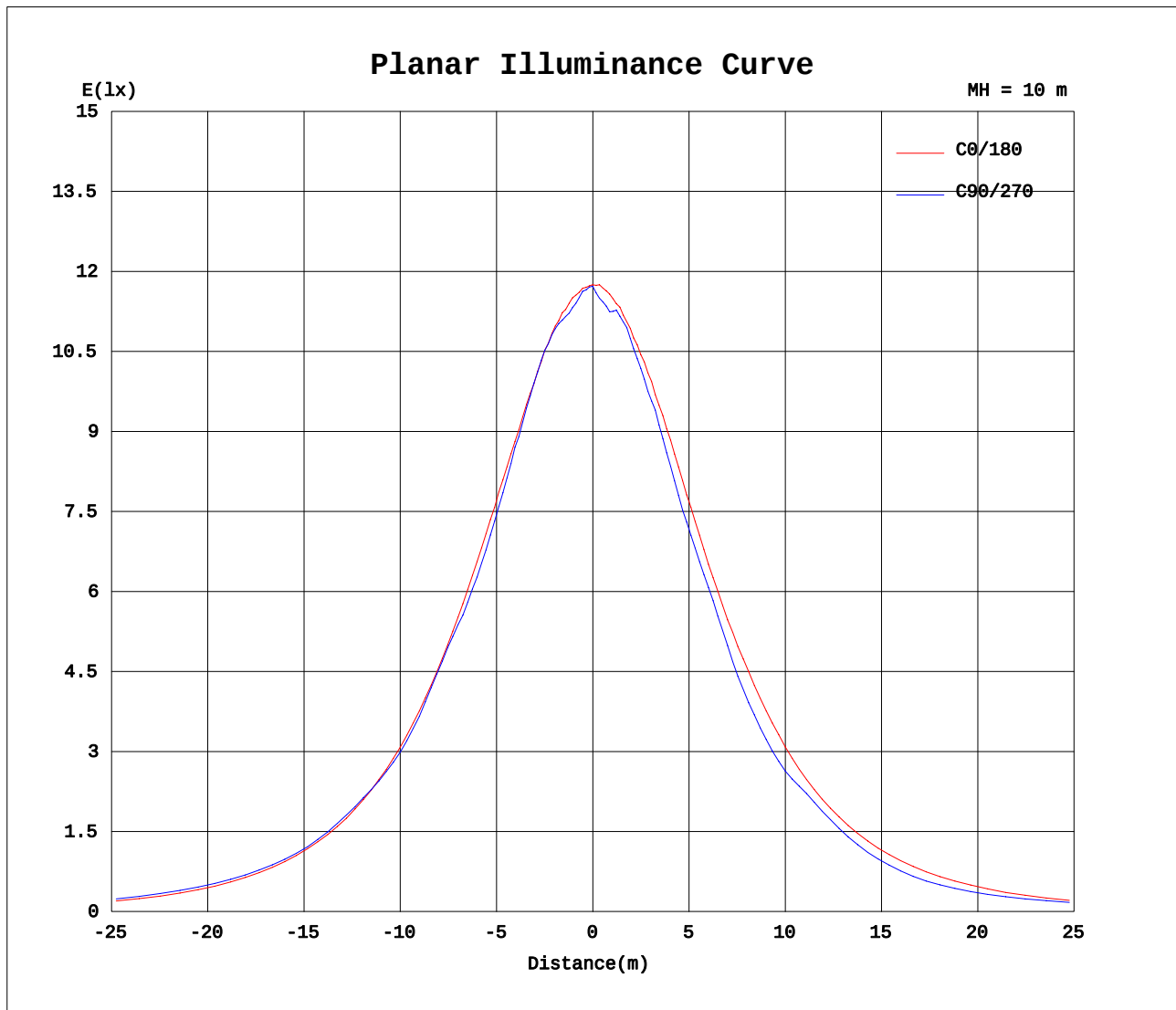
Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm		
NAME: 4 fixture	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Carson	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature: 25.0DEG
Operators: ben
Test Date: 2015-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.273
Humidity: 52%
Test Distance: 2.463m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature: 25.0DEG
Operators: ben
Test Date: 2015-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.273
Humidity: 52%
Test Distance: 2.463m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3081A P:35.88W PF:0.9699 Lamp Flux:3453.19x1 lm																	
NAME: 4 fixture									TYPE:						WEIGHT:		
DIM.:									SPEC.:						SERIAL No.:		
MFR.: Carson									SUR.:						PROTECTION ANGLE:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	C(DEG)																
	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338	
0	1171	1171	1171	1171	1171	1171	1171	1171	1171	1171	1171	1171	1171	1171	1171	1171	
5	1165	1163	1159	1153	1152	1153	1162	1169	1167	1149	1146	1136	1136	1138	1145	1150	
10	1156	1148	1138	1147	1153	1150	1140	1146	1154	1127	1139	1146	1145	1143	1145	1135	
15	1140	1123	1140	1150	1146	1148	1142	1115	1140	1109	1123	1109	1107	1113	1131	1121	
20	1114	1095	1123	1114	1105	1112	1127	1099	1117	1097	1086	1074	1068	1078	1089	1102	
25	1084	1082	1082	1065	1054	1060	1086	1081	1082	1069	1049	1019	1010	1023	1050	1075	
30	1047	1051	1023	1006	1005	1009	1029	1043	1042	1015	984	968	972	972	988	1021	
35	1000	1003	963	956	977	959	967	993	992	962	923	920	907	924	929	972	
40	942	943	899	933	934	939	901	934	941	905	869	829	820	832	878	911	
45	869	862	856	850	845	854	863	854	870	824	790	744	744	748	792	826	
50	789	764	797	784	803	792	796	754	791	728	686	705	708	712	695	736	
55	693	661	691	724	717	731	697	663	700	640	600	615	588	617	616	655	
60	583	559	630	622	624	628	640	576	596	554	556	483	460	482	563	547	
65	463	493	517	524	528	532	530	500	476	418	418	366	372	377	414	415	
70	333	358	408	418	392	408	424	374	349	307	276	291	250	308	296	330	
75	201	276	306	237	191	236	290	279	218	219	193	114	102	122	224	219	
80	96.6	144	96.4	41.6	32.2	38.7	75.3	156	96.7	95.8	51.8	27.3	26.3	25.5	53.1	112	
85	24.5	45.6	10.8	8.18	7.43	7.76	9.95	41.7	18.3	21.8	17.8	20.8	20.0	19.0	16.2	22.4	
90	0.49	0.88	0.77	0.63	0.71	0.84	0.99	1.00	0.25	2.27	2.24	2.42	2.43	2.26	2.19	1.84	
95	0.32	0.34	0.28	0.22	0.21	0.23	0.28	0.52	0.20	0.30	0.24	0.35	0.32	0.27	0.17	0.29	
100	0.39	0.42	0.34	0.31	0.29	0.31	0.38	0.51	0.23	0.28	0.19	0.16	0.15	0.16	0.18	0.29	
105	0.44	0.42	0.39	0.37	0.37	0.38	0.44	0.53	0.24	0.25	0.22	0.19	0.19	0.19	0.20	0.21	
110	0.45	0.42	0.41	0.40	0.39	0.40	0.44	0.53	0.27	0.27	0.26	0.23	0.23	0.23	0.24	0.25	
115	0.44	0.42	0.41	0.41	0.40	0.41	0.45	0.51	0.31	0.41	0.33	0.30	0.29	0.29	0.30	0.35	
120	0.45	0.43	0.42	0.42	0.41	0.42	0.45	0.51	0.37	0.42	0.40	0.38	0.37	0.37	0.37	0.39	
125	0.48	0.47	0.47	0.45	0.45	0.46	0.49	0.53	0.44	0.47	0.48	0.46	0.45	0.46	0.45	0.46	
130	0.54	0.54	0.55	0.54	0.53	0.55	0.56	0.57	0.50	0.53	0.54	0.54	0.53	0.53	0.52	0.51	
135	0.64	0.64	0.65	0.66	0.66	0.66	0.66	0.67	0.55	0.56	0.58	0.60	0.59	0.58	0.56	0.56	
140	0.76	0.77	0.79	0.80	0.80	0.80	0.79	0.79	0.59	0.60	0.61	0.63	0.63	0.62	0.61	0.60	
145	0.94	0.95	0.97	0.99	0.98	0.98	0.98	0.96	0.63	0.62	0.63	0.64	0.63	0.64	0.63	0.63	
150	1.10	1.12	1.16	1.18	1.17	1.17	1.17	1.12	0.67	0.66	0.66	0.68	0.68	0.68	0.67	0.68	
155	1.20	1.22	1.27	1.29	1.30	1.31	1.27	1.22	0.78	0.77	0.76	0.77	0.79	0.78	0.77	0.78	
160	1.30	1.33	1.37	1.41	1.41	1.41	1.35	1.31	0.85	0.84	0.83	0.82	0.84	0.83	0.83	0.85	
165	1.34	1.36	1.39	1.42	1.43	1.40	1.35	1.33	0.92	0.91	0.89	0.89	0.89	0.90	0.89	0.91	
170	1.35	1.37	1.39	1.40	1.38	1.37	1.35	1.34	0.97	0.97	0.95	0.93	0.94	0.91	0.96	0.97	
175	1.29	1.29	1.32	1.34	1.29	1.31	1.29	1.29	1.08	1.08	1.07	1.04	1.06	1.05	1.10	1.11	
180	1.19	1.19	1.19	1.18	1.23	1.17	1.19	1.21	1.20	1.20	1.20	1.19	1.18	1.23	1.18	1.20	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:25.0DEG
Operators:ben
Test Date:2015-06-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.273
Humidity:52%
Test Distance:2.463m [K=1.0000]
Remarks: