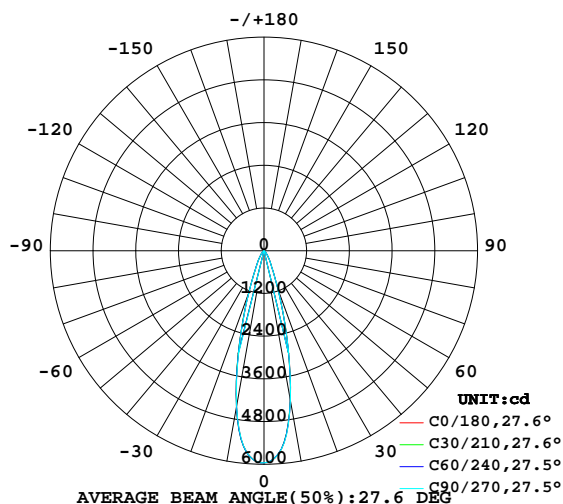


LUMINAIRE PHOTOMETRIC TEST REPORT

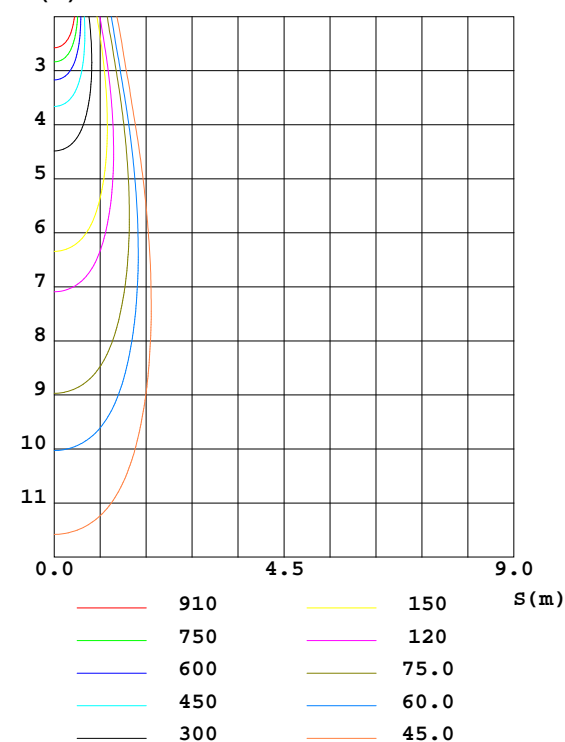
Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.98 lm/W			
MODEL	DL08-20W-930-W-28-02	Imax(cd)	5957	S/MH(C0/180)	0.45
NOMINAL POWER(W)	0	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	0	TOTAL FLUX(lm)	1748.3	η UP,DN(C0-180)	1.3,48.4
NOMINAL FLUX(lm)	1748.3	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.9
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	0.0	η down(%)	97.3	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [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	4269	4301	4272	4400	4439	4396	4427	4291	0- 10	497.1	497.1	28.4,28.4
20	1157	1178	1151	1221	1257	1208	1224	1151	10- 20	695.4	1193	68.2,68.2
30	330.8	335.4	329.8	336.9	342.8	335.8	336.8	327.4	20- 30	281.3	1474	84.3,84.3
40	124.8	127.2	124.3	127.4	127.1	125.2	124.5	122.7	30- 40	129.1	1603	91.7,91.7
50	42.98	44.87	42.90	45.02	43.62	43.34	43.00	43.01	40- 50	61.90	1665	95.2,95.2
60	7.599	8.422	7.596	7.981	7.208	8.003	7.204	8.256	50- 60	19.18	1684	96.3,96.3
70	5.894	5.861	5.697	5.423	5.377	5.412	5.369	5.628	60- 70	6.586	1691	96.7,96.7
80	5.629	5.572	5.412	5.141	5.368	5.396	5.224	5.569	70- 80	5.842	1696	97,97
90	3.704	3.521	3.539	3.521	4.439	4.379	4.142	4.291	80- 90	5.264	1702	97.3,97.3
100	3.327	3.724	3.180	3.406	4.672	4.770	4.386	4.869	90-100	4.376	1706	97.6,97.6
110	3.721	3.772	3.582	3.690	4.868	4.842	4.712	4.975	100-110	4.581	1711	97.8,97.8
120	5.121	5.018	5.018	4.932	5.741	5.660	5.671	5.728	110-120	4.658	1715	98.1,98.1
130	7.887	7.805	7.835	7.680	8.185	8.138	8.127	8.236	120-130	5.846	1721	98.4,98.4
140	11.18	11.16	11.17	11.08	11.36	11.35	11.34	11.42	130-140	7.428	1729	98.9,98.9
150	13.45	13.44	13.44	13.40	13.60	13.59	13.58	13.62	140-150	7.835	1736	99.3,99.3
160	14.39	14.40	14.40	14.38	14.52	14.48	14.49	14.50	150-160	6.494	1743	99.7,99.7
170	14.07	14.12	14.12	14.15	14.29	14.24	14.27	14.24	160-170	4.095	1747	99.9,99.9
180	14.03	14.07	14.07	14.08	14.08	14.04	14.08	14.07	170-180	1.338	1748	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

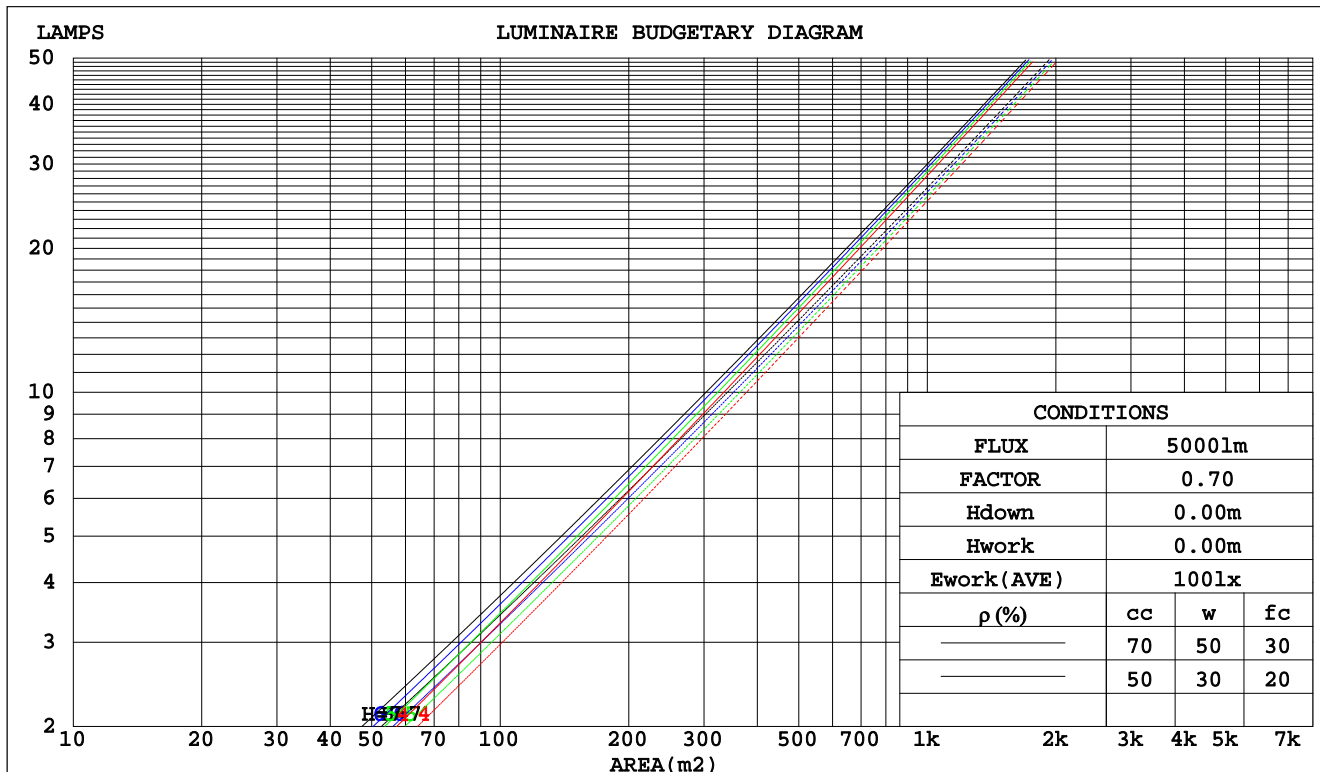
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.97	.00	.97	.95	.96	.94	.93	.93	.92	.90	.89
3.0	.00	.95	.92	.98	.94	.91	.95	.92	.90	.92	.90	.88	.90	.88	.86	.85
4.0	.95	.90	.87	.94	.89	.86	.91	.88	.85	.89	.86	.84	.87	.85	.83	.81
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78
6.0	.87	.82	.79	.86	.81	.78	.84	.80	.78	.83	.79	.77	.81	.78	.76	.75
7.0	.83	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
8.0	.80	.76	.72	.80	.75	.72	.78	.74	.72	.77	.74	.71	.76	.73	.71	.70
9.0	.77	.73	.70	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.75	.70	.67	.74	.70	.67	.73	.69	.67	.73	.69	.66	.72	.69	.66	.65



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm					
NAME:		TYPE:		WEIGHT:	
DIM.:		SPEC.:		SERIAL No.:	
MFR.: Rayconn		SUR.:		PROTECTION ANGLE:	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.157	.089	.028	.149	.085	.027	.135	.078	.025	.122	.071	.023	.110	.064	.021	
2.0	.146	.080	.024	.139	.077	.024	.128	.071	.022	.117	.065	.020	.107	.060	.019	
3.0	.136	.072	.022	.131	.070	.021	.121	.065	.020	.111	.061	.019	.103	.057	.018	
4.0	.128	.066	.020	.123	.064	.019	.114	.061	.018	.106	.057	.017	.099	.054	.016	
5.0	.120	.061	.018	.116	.060	.017	.109	.057	.017	.102	.054	.016	.095	.051	.015	
6.0	.114	.057	.016	.110	.056	.016	.104	.053	.015	.098	.051	.015	.092	.048	.014	
7.0	.108	.053	.015	.105	.052	.015	.099	.050	.014	.094	.048	.014	.088	.046	.014	
8.0	.103	.050	.014	.100	.049	.014	.095	.047	.014	.090	.046	.013	.085	.044	.013	
9.0	.098	.047	.013	.096	.047	.013	.091	.045	.013	.087	.043	.012	.082	.042	.012	
10.0	.094	.045	.012	.092	.044	.012	.087	.043	.012	.083	.041	.012	.080	.040	.011	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.190	.178	.167	.163	.153	.144	.111	.105	.099	.064	.061	.058	.021	.020	.019	
2.0	.173	.153	.136	.148	.132	.118	.102	.091	.082	.059	.053	.048	.019	.017	.016	
3.0	.159	.134	.114	.137	.116	.099	.094	.080	.069	.054	.047	.041	.017	.015	.013	
4.0	.148	.119	.097	.127	.103	.084	.087	.072	.059	.050	.042	.035	.016	.014	.012	
5.0	.138	.107	.084	.118	.093	.073	.082	.065	.052	.047	.038	.031	.015	.012	.010	
6.0	.129	.097	.074	.111	.084	.065	.077	.059	.046	.045	.035	.027	.014	.011	.009	
7.0	.122	.090	.067	.105	.078	.058	.073	.054	.041	.042	.032	.024	.014	.010	.008	
8.0	.116	.083	.060	.100	.072	.053	.069	.051	.037	.040	.030	.022	.013	.010	.007	
9.0	.110	.077	.055	.095	.067	.048	.066	.047	.034	.038	.028	.020	.012	.009	.007	
10.0	.105	.073	.051	.091	.063	.045	.063	.044	.032	.037	.026	.019	.012	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm											
NAME:					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.: Rayconn					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	16.3	17.1	16.6	17.3	17.5	16.2	17.0	16.5	17.2	17.4	
	3H	16.3	17.0	16.6	17.2	17.5	16.2	16.9	16.5	17.1	17.4
	4H	16.4	17.0	16.7	17.3	17.5	16.3	16.9	16.6	17.2	17.4
	6H	16.6	17.2	16.9	17.5	17.7	16.4	17.0	16.8	17.3	17.6
	8H	16.7	17.3	17.1	17.6	17.9	16.6	17.2	16.9	17.5	17.8
	12H	16.9	17.5	17.3	17.8	18.1	16.7	17.3	17.1	17.6	17.9
4H	2H	16.2	16.8	16.5	17.1	17.3	16.1	16.7	16.4	17.0	17.2
	3H	16.2	16.8	16.5	17.1	17.4	16.1	16.7	16.4	17.0	17.3
	4H	16.3	16.9	16.7	17.2	17.6	16.2	16.7	16.6	17.1	17.4
	6H	16.7	17.2	17.1	17.5	17.9	16.5	17.0	17.0	17.4	17.8
	8H	17.0	17.4	17.4	17.8	18.2	16.8	17.2	17.3	17.6	18.1
	12H	17.3	17.7	17.8	18.1	18.6	17.1	17.5	17.6	17.9	18.4
8H	4H	16.3	16.8	16.8	17.2	17.6	16.2	16.7	16.7	17.0	17.5
	6H	16.9	17.2	17.3	17.7	18.1	16.7	17.1	17.2	17.5	18.0
	8H	17.3	17.6	17.8	18.1	18.6	17.1	17.5	17.6	17.9	18.4
	12H	17.8	18.1	18.3	18.6	19.1	17.6	17.9	18.1	18.4	18.9
12H	4H	16.3	16.7	16.8	17.1	17.6	16.2	16.6	16.7	17.0	17.5
	6H	16.9	17.2	17.4	17.7	18.2	16.8	17.1	17.3	17.6	18.1
	8H	17.4	17.7	17.9	18.2	18.7	17.3	17.6	17.8	18.0	18.6
Variations with the observer position at spacings:											
S = 1.0H	+ 1.4 / - 2.2					+ 1.5 / - 2.3					
1.5H	+ 2.3 / - 2.3					+ 2.3 / - 2.4					
2.0H	+ 3.1 / - 1.7					+ 3.2 / - 1.8					

CIE Pub.117 Corrected 1748 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

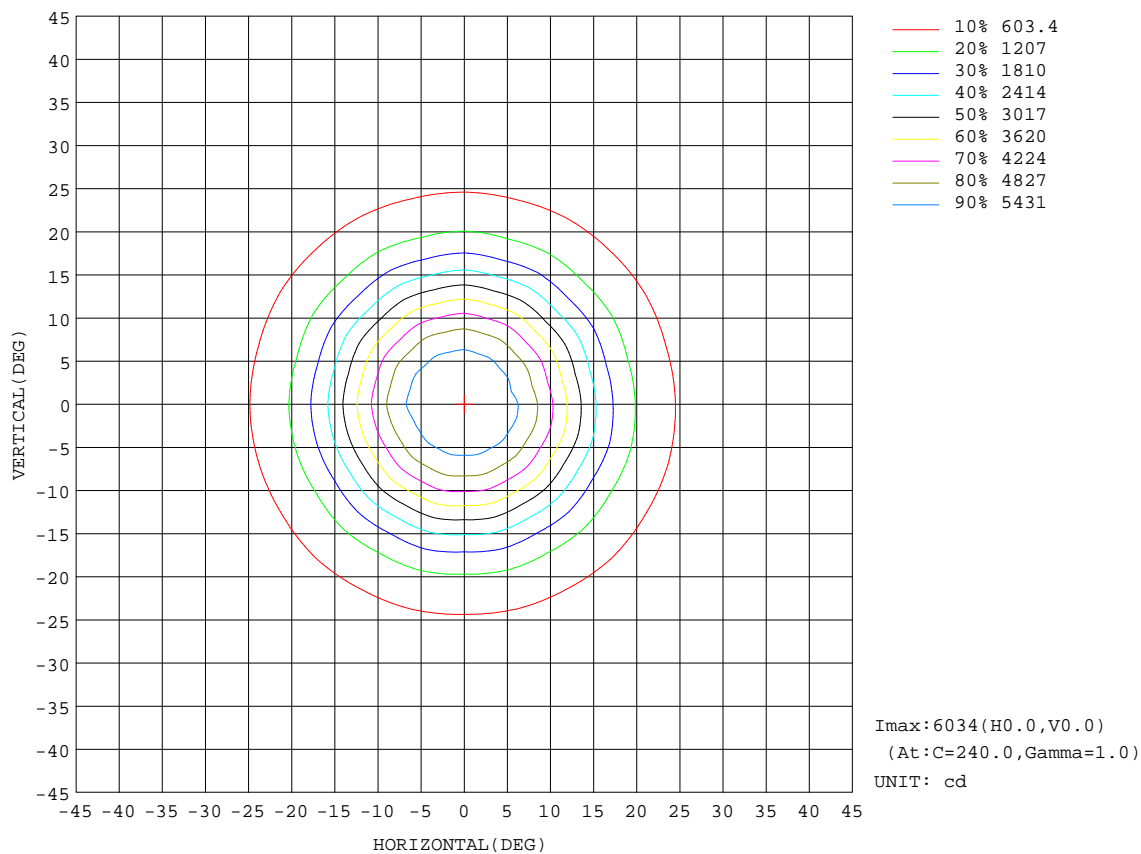
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	92	89	97	92	88	95	92	88	84
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	103	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	107	106	105	96
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:ZhangXiao
Test Date:2016-08-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



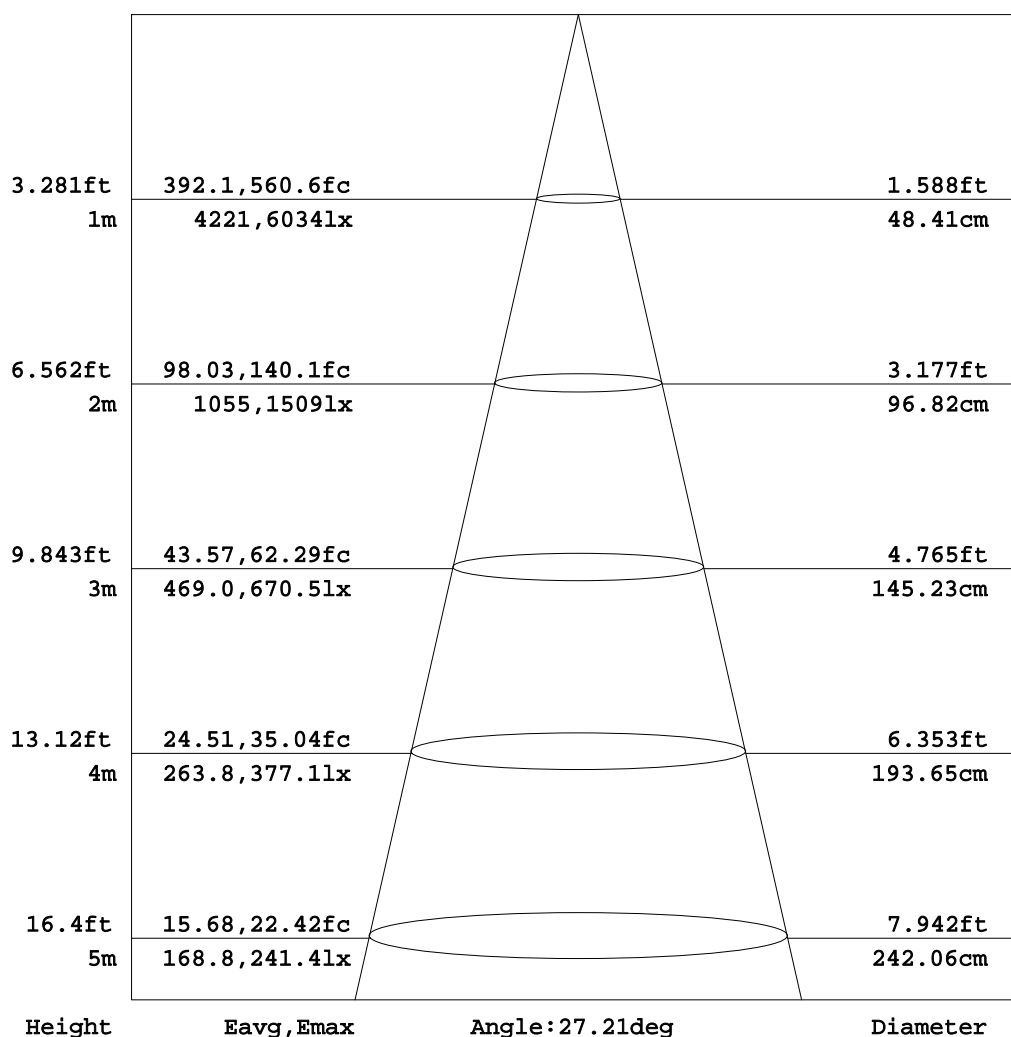
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:824.3 lm



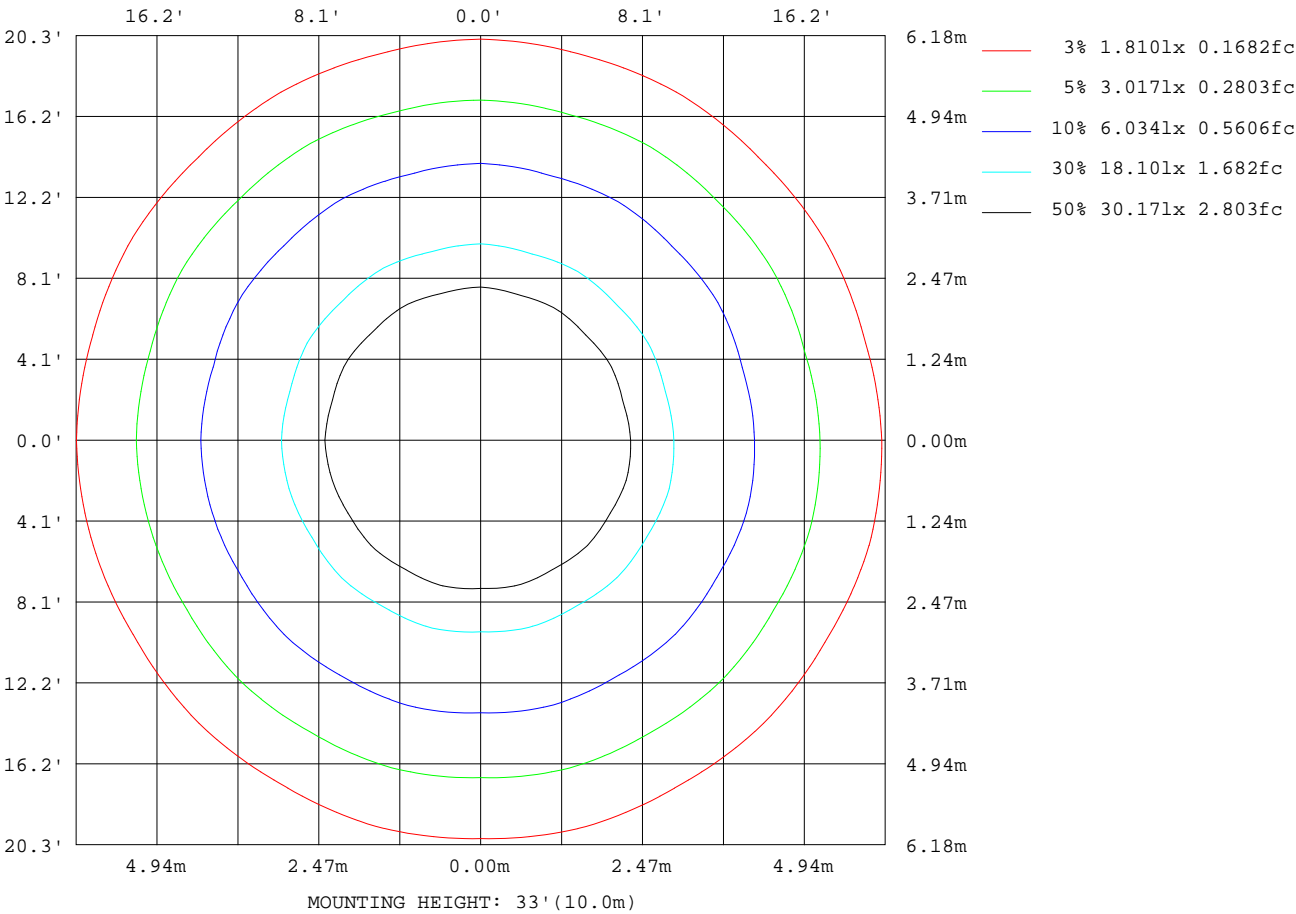
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

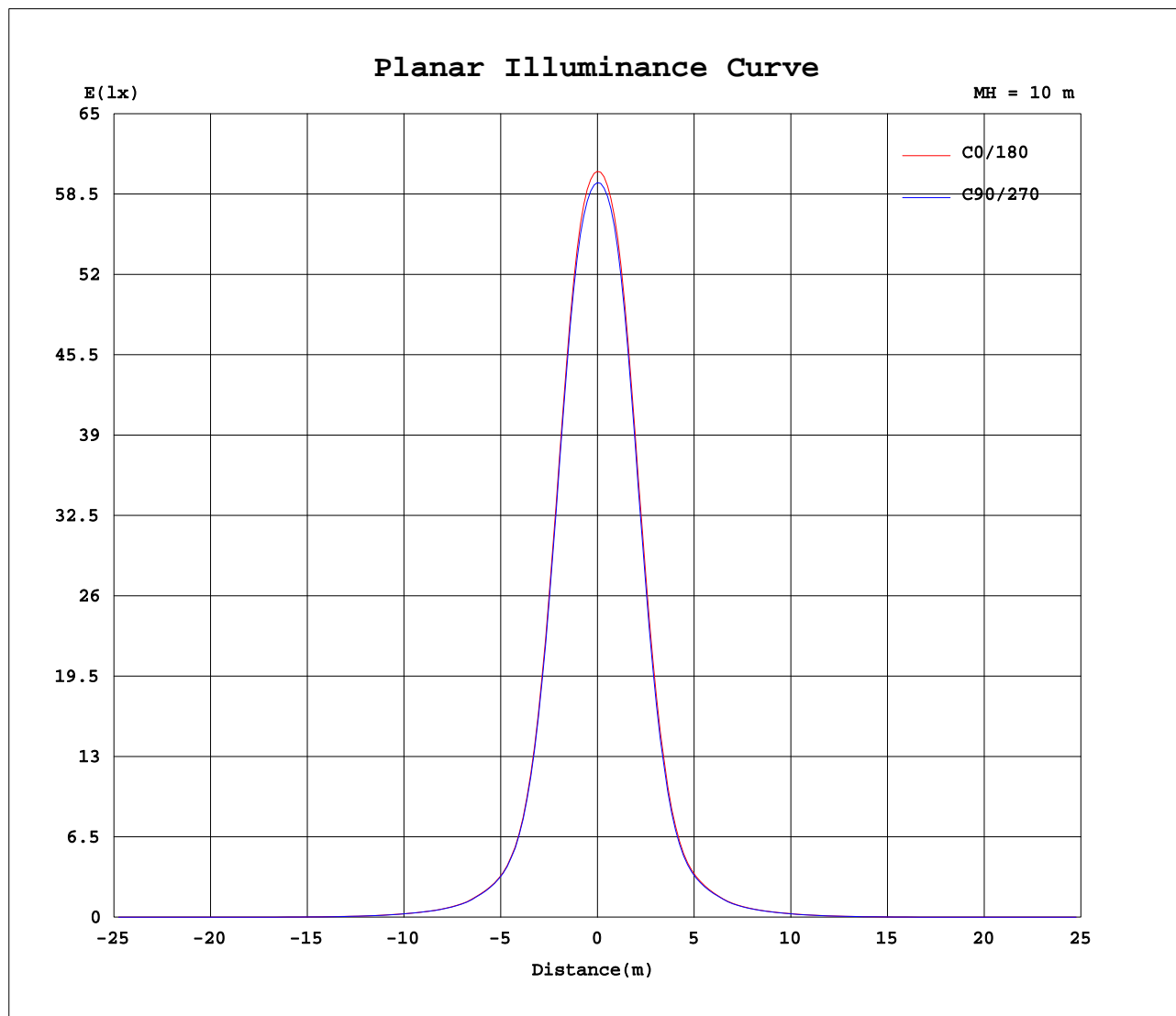
Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										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	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957
5	5600	5619	5595	5612	5590	5619	5603	5632	5620	5649	5637	5669	5665	5646	5676	5651	5681	5652	5671
10	4269	4313	4249	4301	4246	4311	4272	4352	4319	4400	4372	4449	4439	4387	4461	4396	4461	4381	4427
15	2470	2523	2454	2506	2444	2510	2457	2542	2502	2593	2561	2651	2653	2586	2667	2581	2646	2554	2608
20	1157	1185	1148	1178	1144	1176	1151	1191	1170	1221	1204	1254	1257	1216	1260	1208	1246	1191	1224
25	553	565	552	563	550	563	552	567	557	574	566	585	584	573	584	570	578	563	571
30	331	337	330	335	330	335	330	336	330	337	333	342	343	338	343	336	340	333	337
35	196	199	195	198	195	199	196	200	196	201	198	202	202	198	201	198	200	196	199
40	125	127	126	127	125	127	124	126	125	127	127	129	127	126	127	125	126	124	124
45	78.3	80.3	79.4	80.7	79.3	79.9	78.2	79.9	79.1	80.9	80.1	81.3	80.1	78.9	80.3	78.6	79.8	78.2	78.5
50	43.0	44.7	44.2	44.9	44.0	44.2	42.9	44.3	43.9	45.0	44.4	44.8	43.6	43.1	44.4	43.3	44.3	42.8	43.0
55	19.1	20.3	20.3	20.9	20.4	20.0	18.8	19.9	20.1	20.9	20.3	20.1	19.1	19.3	20.6	20.1	20.7	19.0	19.1
60	7.60	8.31	8.34	8.42	8.46	7.94	7.60	8.13	8.07	7.98	7.86	7.54	7.21	7.73	7.98	8.00	8.01	7.37	7.20
65	6.18	6.64	6.75	7.44	7.51	6.91	6.13	6.62	6.98	7.15	6.81	6.61	6.03	6.81	6.84	6.75	6.62	5.89	5.99
70	5.89	5.91	5.88	5.86	5.83	5.74	5.70	5.65	5.62	5.42	5.47	5.50	5.38	5.41	5.37	5.41	5.42	5.42	5.37
75	5.78	5.82	5.77	5.73	5.71	5.60	5.56	5.54	5.52	5.29	5.45	5.43	5.35	5.39	5.36	5.38	5.39	5.39	5.23
80	5.63	5.68	5.60	5.57	5.54	5.46	5.41	5.43	5.40	5.14	5.36	5.34	5.37	5.44	5.38	5.40	5.44	5.43	5.22
85	4.22	4.59	4.50	4.56	4.55	4.22	4.08	4.43	4.31	3.97	4.31	4.27	4.53	4.71	4.60	4.58	4.61	4.57	4.25
90	3.70	3.75	3.47	3.52	3.43	3.56	3.54	3.73	3.45	3.52	3.55	3.66	4.44	4.45	4.38	4.38	4.47	4.36	4.14
95	3.43	3.42	3.29	3.31	3.24	3.23	3.25	3.47	3.19	3.14	3.21	3.27	4.55	4.56	4.43	4.41	4.39	4.42	4.26
100	3.33	3.83	3.66	3.72	3.79	3.48	3.18	3.65	3.27	3.41	3.53	3.45	4.67	5.02	4.81	4.77	4.80	4.79	4.39
105	3.45	4.14	4.08	4.01	3.97	3.61	3.28	3.67	3.32	3.85	3.94	3.61	4.78	5.18	5.18	5.15	5.23	4.93	4.62
110	3.72	3.94	3.85	3.77	3.73	3.68	3.58	3.65	3.50	3.69	3.71	3.64	4.87	4.95	4.89	4.84	4.85	4.82	4.71
115	4.28	4.32	4.25	4.20	4.18	4.15	4.17	4.13	4.07	4.12	4.15	4.12	5.15	5.16	5.10	5.05	5.06	5.07	5.08
120	5.12	5.11	5.09	5.02	5.03	4.98	5.02	4.96	4.92	4.93	4.98	4.93	5.74	5.76	5.69	5.66	5.64	5.68	5.67
125	6.33	6.31	6.31	6.23	6.26	6.19	6.25	6.16	6.15	6.12	6.19	6.11	6.76	6.77	6.71	6.69	6.67	6.71	6.69
130	7.89	7.86	7.87	7.80	7.84	7.77	7.84	7.73	7.72	7.68	7.73	7.66	8.19	8.19	8.13	8.14	8.10	8.15	8.13
135	9.58	9.55	9.58	9.52	9.56	9.50	9.56	9.47	9.47	9.42	9.46	9.38	9.79	9.79	9.75	9.76	9.74	9.79	9.76
140	11.2	11.2	11.2	11.2	11.2	11.1	11.2	11.1	11.1	11.1	11.1	11.0	11.4	11.4	11.3	11.3	11.3	11.4	11.3
145	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4	12.5	12.4	12.7	12.7	12.7	12.7	12.7	12.7	12.7
150	13.5	13.5	13.5	13.4	13.5	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6
155	14.0	14.0	14.1	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2
160	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5
165	14.4	14.4	14.4	14.4	14.4	14.5	14.4	14.5	14.4	14.4	14.4	14.5	14.6	14.5	14.6	14.5	14.6	14.5	14.6
170	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.3	14.2	14.3	14.2	14.3	14.3	14.3
175	13.8	13.9	13.8	13.9	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0
180	14.0	14.1	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.0	14.1	14.0	14.1	14.1	14.1

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:1748.3x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	5957	5957	5957	5957	5957														
5	5633	5650	5609	5628	5589														
10	4336	4383	4291	4337	4250														
15	2509	2568	2473	2537	2447														
20	1167	1202	1151	1188	1141														
25	556	564	550	560	548														
30	330	334	327	332	327														
35	194	196	192	195	193														
40	123	124	123	124	123														
45	77.3	78.6	77.5	78.7	77.4														
50	42.5	43.8	43.0	44.0	42.4														
55	19.1	20.3	19.9	20.4	19.0														
60	8.00	8.24	8.26	8.23	7.66														
65	6.43	6.57	6.44	6.41	6.33														
70	5.36	5.54	5.63	5.71	5.74														
75	5.29	5.47	5.56	5.64	5.66														
80	5.30	5.49	5.57	5.64	5.66														
85	4.30	4.49	4.59	4.73	4.70														
90	4.24	4.36	4.29	4.33	4.34														
95	4.31	4.38	4.42	4.40	4.48														
100	4.46	4.74	4.87	4.94	4.92														
105	4.66	5.27	5.40	5.57	5.19														
110	4.68	4.88	4.97	5.02	5.00														
115	4.97	5.08	5.12	5.15	5.20														
120	5.61	5.68	5.73	5.74	5.81														
125	6.68	6.70	6.78	6.78	6.85														
130	8.15	8.16	8.24	8.23	8.30														
135	9.80	9.76	9.86	9.85	9.91														
140	11.4	11.4	11.4	11.4	11.5														
145	12.7	12.7	12.7	12.7	12.7														
150	13.6	13.6	13.6	13.6	13.6														
155	14.2	14.2	14.2	14.2	14.2														
160	14.5	14.5	14.5	14.5	14.5														
165	14.5	14.5	14.5	14.5	14.5														
170	14.2	14.3	14.2	14.2	14.2														
175	14.0	14.0	14.0	14.0	14.0														
180	14.1	14.1	14.1	14.1	14.1														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks: