

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

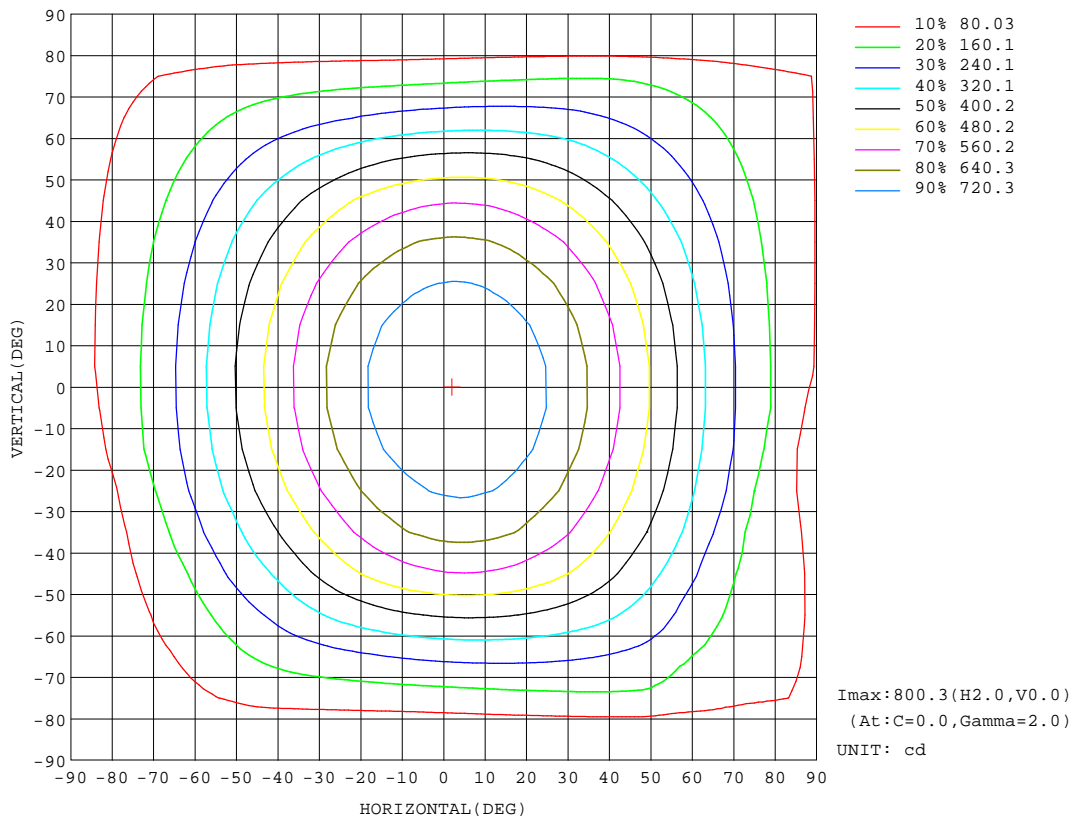
Maximum Intensity (Luminaire orientation as tested.)		350.9 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	158.8V x 173.7H 111.9V x 107.1H 52.4V x 44.4H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	997.1 lumens per klm. 987.9 lumens per klm. 711.4 lumens per klm. 180.6 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.7 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QC1
Test Date:2019-09-14

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.275
Humidity:61%
Test Distance:8.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.8V I:0.2402A P:28.54W PF:0.9916 Lamp Flux:2280.98x1 lm		
NAME: LLS-COVE1-W40-30W-120V-016	TYPE:LLS	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:201909085
MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:

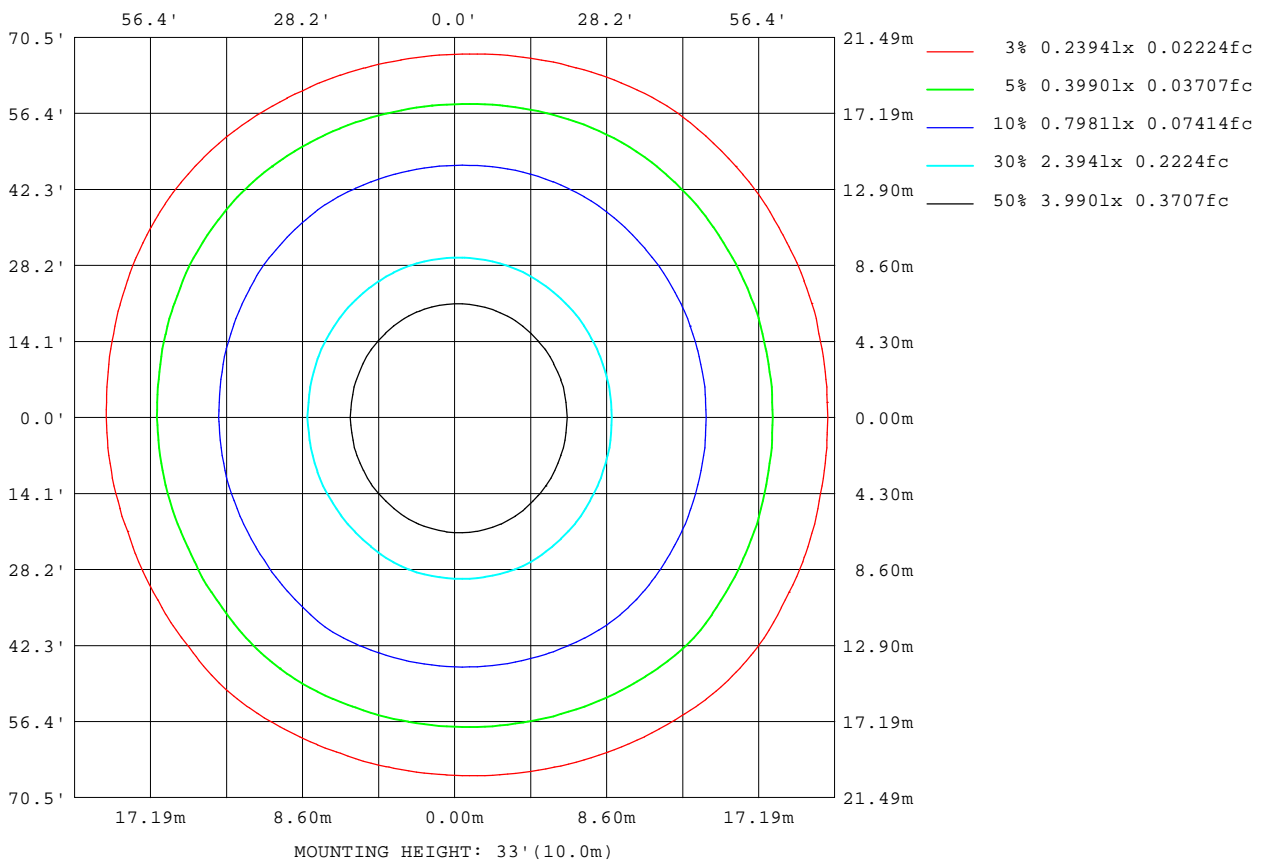


H(β) Range:-90 - 90DEG
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 Test Speed: HIGH
 Temperature:30DEG
 Operators:QC1
 Test Date:2019-09-14

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.275
 Humidity:61%
 Test Distance:8.200m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

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DIM.:	SPEC.:	SERIAL No.:201909085
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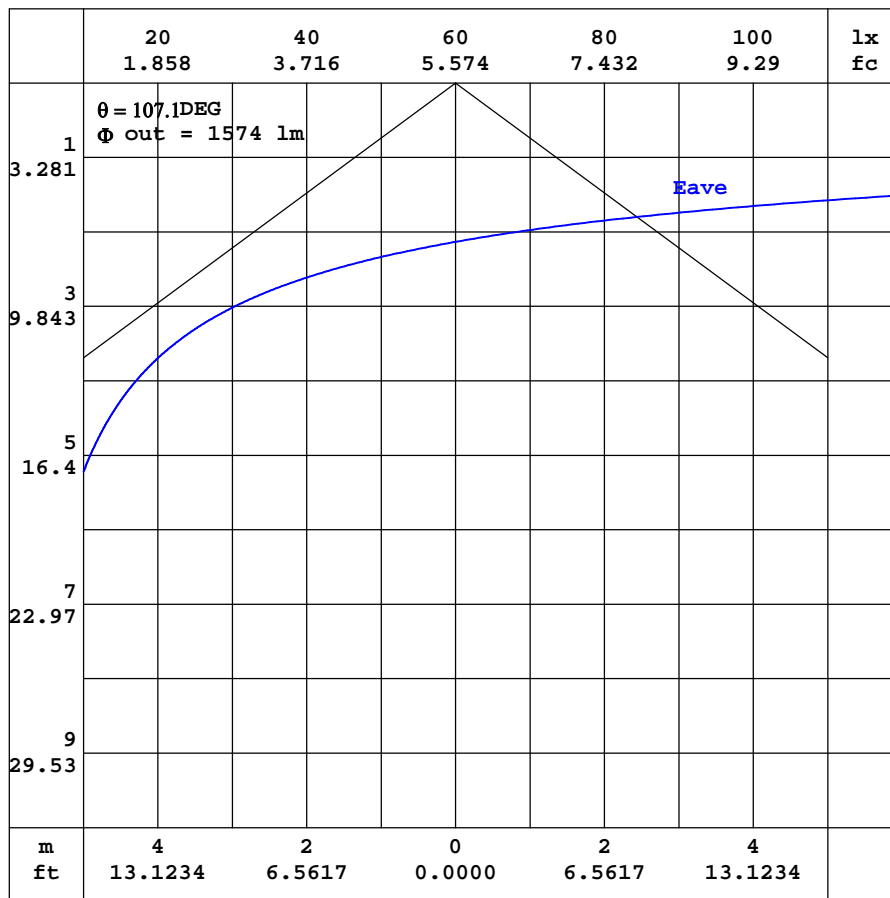


H(β) Range:-90 - 90DEG
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Temperature:30DEG
Operators:QC1
Test Date:2019-09-14

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Humidity:61%
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Remarks:

AAI CURVES

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DIM.:	SPEC.:	SERIAL No.:201909085
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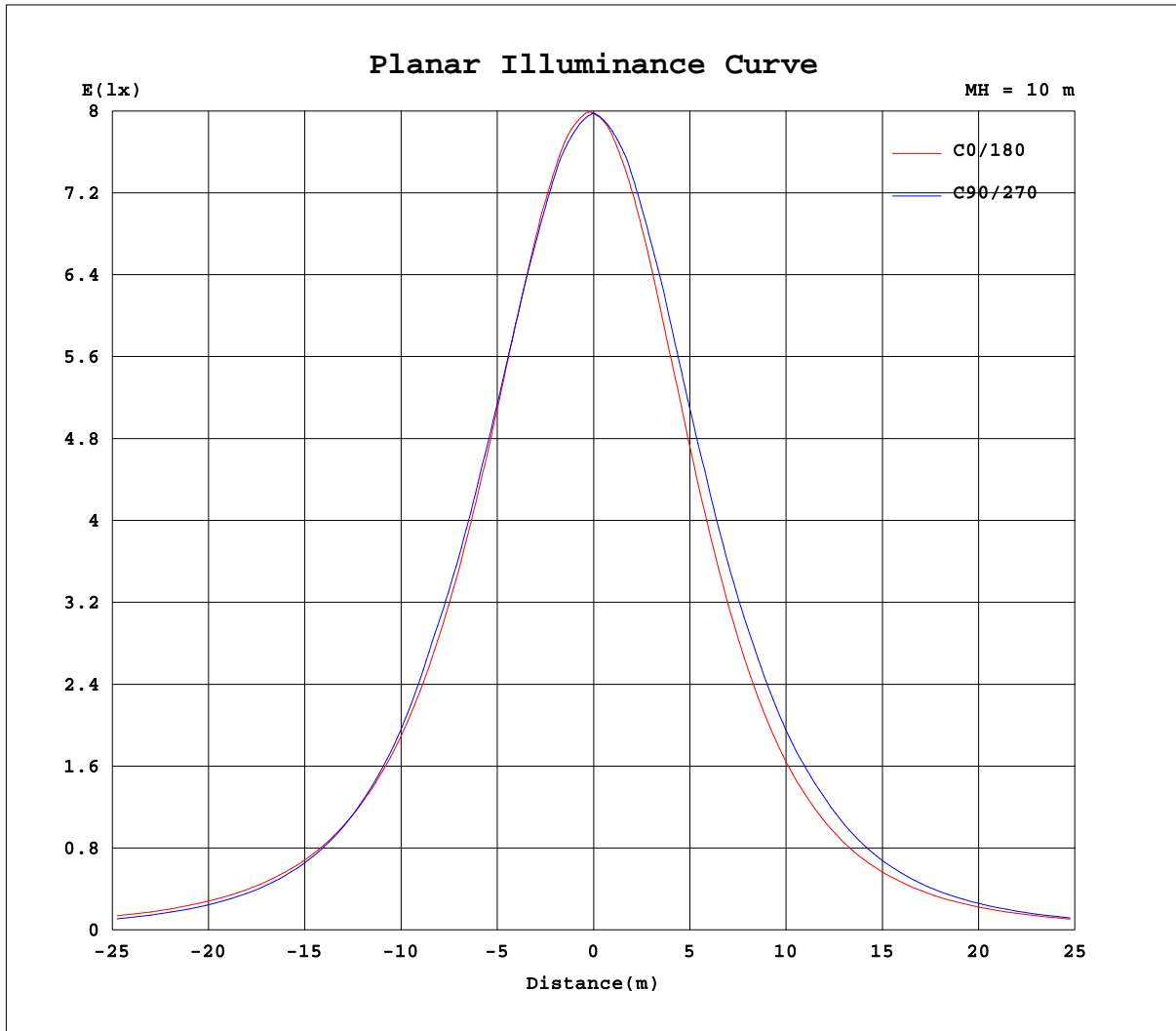


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Temperature:30DEG
Operators:QC1
Test Date:2019-09-14

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V(B) Interval: 5.0DEG
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Humidity:61%
Test Distance:8.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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DIM.:	SPEC.:	SERIAL No.:201909085
MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-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
-85	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
-80	42.4	43.7	45.6	47.4	48.9	49.9	55.0	60.6	66.5	71.7	70.5	69.2	67.2	65.1	63.8	63.0	62.6	63.0	65.3
-75	41.9	45.0	48.2	51.3	55.1	59.2	68.5	78.7	90.3	102	106	109	111	113	114	117	119	121	124
-70	41.4	46.2	50.8	55.3	61.4	68.6	82.0	96.8	114	132	141	148	154	160	165	170	175	179	183
-65	41.1	47.8	54.5	59.5	67.9	80.2	98.1	119	144	165	182	196	208	218	228	237	245	251	256
-60	40.8	49.3	58.1	63.6	74.5	91.9	114	141	173	199	223	244	261	276	291	304	315	324	329
-55	40.4	50.0	58.2	69.1	82.9	106	134	168	203	232	260	288	314	339	359	376	390	400	407
-50	40.1	50.7	58.4	74.7	91.4	119	153	195	233	264	298	332	368	403	427	448	465	476	484
-45	39.5	49.0	61.0	77.4	101	135	176	221	259	297	332	373	412	449	481	508	530	545	555
-40	38.8	47.3	63.6	80.0	111	150	199	247	285	329	367	413	455	496	534	568	595	613	627
-35	35.9	47.0	63.9	87.9	124	173	220	266	308	356	400	446	492	534	572	607	634	651	663
-30	33.0	46.6	64.2	95.7	137	196	241	286	332	382	432	480	528	572	611	646	672	689	700
-25	31.1	47.3	70.7	110	156	208	255	303	353	405	457	507	556	601	640	674	699	716	727
-20	29.2	48.1	77.2	124	176	220	268	321	373	428	482	535	584	629	669	702	726	743	754
-15	26.5	52.1	91.5	133	181	227	276	330	385	441	497	550	600	646	685	718	742	760	770
-10	23.7	56.1	106	142	186	233	285	340	396	454	511	565	616	662	702	733	759	777	787
-5	24.7	65.9	107	144	187	236	288	344	402	460	518	572	622	669	707	740	765	783	792
0	25.8	75.8	108	146	189	238	291	349	407	466	524	578	629	675	713	747	771	789	798
5	36.9	75.4	107	145	188	237	289	346	404	462	519	574	624	669	709	741	765	784	792
10	48.0	75.1	107	144	187	236	288	343	401	458	515	570	620	664	704	735	760	778	787
15	48.1	75.0	106	142	184	231	282	336	392	449	504	557	606	650	688	719	744	760	769
20	48.2	74.9	105	140	181	226	276	330	384	439	493	544	592	636	672	704	728	743	752
25	48.3	73.7	102	136	175	218	265	316	367	420	471	520	566	608	644	675	698	714	722
30	48.5	72.5	99.4	131	169	210	255	302	351	400	449	496	541	581	616	645	668	685	691
35	48.5	71.3	96.4	126	160	198	240	285	330	376	422	466	508	545	579	606	628	644	650
40	48.4	70.2	93.4	121	152	187	226	267	310	352	395	436	475	510	542	567	588	603	609
45	48.6	68.4	89.4	114	142	174	209	246	283	321	358	395	430	462	491	514	533	546	553
50	48.7	66.6	85.4	107	132	160	192	225	257	289	321	354	385	414	440	460	477	490	496
55	48.7	64.9	81.3	100	121	146	172	200	227	255	281	306	330	353	373	390	404	414	420
60	48.7	63.2	77.2	93.1	111	131	152	176	198	221	241	258	276	291	307	320	330	338	343
65	48.9	61.3	72.8	85.6	99.9	116	133	152	168	184	198	210	222	233	244	252	260	266	271
70	49.1	59.5	68.5	78.2	88.9	101	113	127	138	147	155	162	169	175	180	185	190	195	198
75	49.0	57.3	63.9	70.7	78.1	86.4	95.0	103	110	114	118	121	124	126	128	129	132	134	137
80	49.0	55.2	59.3	63.2	67.4	72.1	76.5	79.4	81.7	81.9	81.2	79.8	78.2	76.5	74.9	73.7	73.2	74.1	76.5
85	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
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

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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QC1
Test Date:2019-09-14

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V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.275
Humidity:61%
Test Distance:8.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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DIM.:	SPEC.:	SERIAL No.:201909085
MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-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
-85	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
-80	68.5	72.9	78.2	83.1	88.4	94.6	101	106	110	110	102	97.2	93.2	83.9	81.0	78.1	75.3	72.9
-75	127	131	135	138	141	143	146	147	147	143	129	120	111	100	90.8	84.8	77.9	72.4
-70	186	189	191	192	193	192	191	187	183	177	155	142	130	116	101	91.6	80.5	71.9
-65	260	261	261	259	256	250	244	235	225	213	185	159	145	127	110	95.6	83.1	71.6
-60	333	332	331	325	318	308	297	283	267	248	214	176	160	138	119	99.7	85.7	71.2
-55	410	409	404	396	385	370	352	331	306	279	244	200	171	147	126	105	87.4	71.0
-50	487	485	478	466	451	431	408	379	345	311	275	224	183	157	133	109	89.1	70.8
-45	558	555	545	529	507	480	450	415	377	339	299	253	201	163	137	112	88.4	69.7
-40	630	625	612	591	564	529	492	451	408	367	324	282	219	170	142	114	87.6	68.6
-35	667	661	648	627	599	565	525	482	436	391	344	298	242	186	142	114	86.8	65.8
-30	704	697	684	663	634	600	559	512	465	414	365	315	266	202	142	113	85.9	63.0
-25	731	723	710	688	658	623	581	534	484	432	379	326	275	218	160	113	81.0	58.0
-20	758	749	736	712	683	646	603	555	503	449	393	337	284	235	178	113	76.1	53.0
-15	774	766	752	729	699	661	618	570	516	461	403	346	290	239	186	132	82.7	41.1
-10	790	782	768	746	714	677	633	584	529	472	414	355	296	243	195	150	89.3	29.3
-5	794	787	773	749	718	681	637	588	533	476	416	357	299	244	195	150	100	48.3
0	799	793	778	753	723	685	641	592	536	479	419	358	301	246	196	151	112	67.2
5	794	787	772	748	718	681	636	588	533	475	416	357	298	244	195	151	112	71.5
10	788	781	766	742	712	676	632	583	529	472	414	355	296	243	194	150	112	75.8
15	770	763	748	724	695	659	616	568	515	460	403	346	290	239	191	148	111	75.9
20	752	744	730	706	677	641	600	552	501	448	392	338	285	234	188	146	110	75.9
25	723	715	701	678	651	615	575	530	481	430	378	326	275	227	184	144	109	76.3
30	693	686	672	650	624	589	551	507	461	412	363	314	264	220	179	142	108	76.6
35	651	645	631	611	584	552	515	475	431	387	341	296	252	211	173	138	106	76.8
40	609	604	590	571	545	515	480	442	402	361	320	278	239	201	166	133	104	76.9
45	554	549	537	520	496	470	438	405	369	332	294	258	223	190	159	129	102	76.9
50	499	494	484	468	447	424	396	367	336	302	269	238	208	178	151	125	100	76.9
55	423	421	414	404	389	371	349	324	298	271	244	217	191	166	142	119	97.5	76.7
60	347	347	345	339	330	319	302	281	261	240	218	196	175	153	132	113	94.6	76.5
65	274	275	275	273	268	261	251	238	224	208	192	175	158	141	123	107	92.0	76.4
70	201	204	206	206	205	204	200	196	187	177	166	154	142	128	114	101	89.3	76.3
75	141	144	147	150	152	154	155	155	152	147	140	133	125	115	105	95.4	86.4	76.0
80	79.8	83.8	88.5	93.5	99.0	105	109	113	116	117	115	112	108	102	95.5	89.5	83.5	75.7
85	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
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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QC1
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V(B) Range:-80 - 80DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.275
Humidity:61%
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