

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: LUMARK

Report Number: P25372

Luminaire Tested: **XTOR3A-N-XTORFLD+VISOR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P25372  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: XTOR3A-N-XTORFLD+VISOR  
Description: LUMARK CROSSTOUR LED BRONZE 30W XTORFLD WITH VISOR  
Light Source: (1) 3500K LED  
Ballast/Driver: (1) ELECTRONIC DRIVER

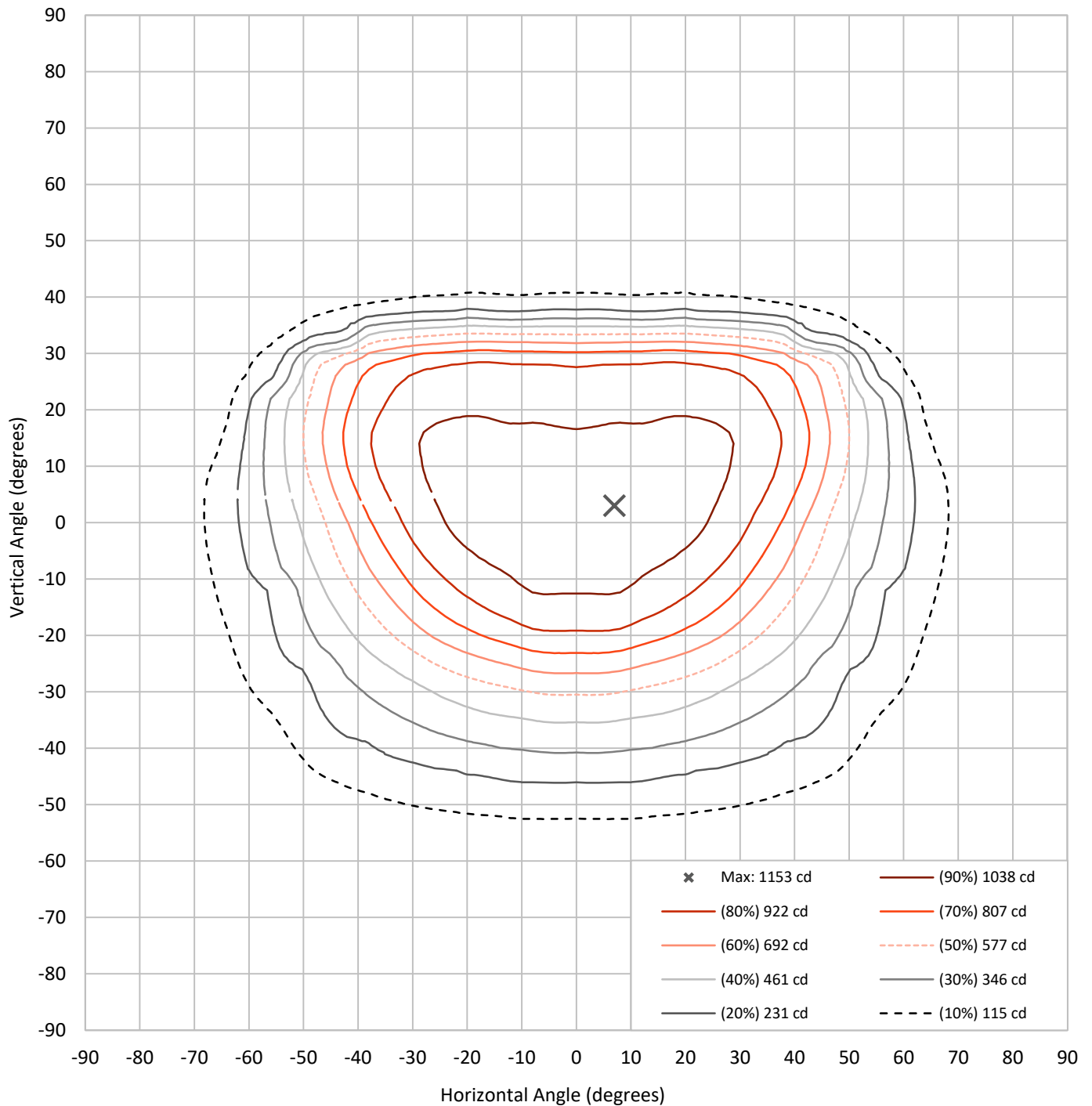
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 5V
Luminaire Lumens:	1794 lumens	Max Intensity:	1153 candela
Efficiency:	N/A	Max Intensity Angle:	7°H x 3°V
Efficacy:	69.0 lumens/watt		
Luminous Opening:	(L: 0 ' x W: 0.5 ' x H: 0.17 ')		
Beam Angle (50%):	94.2°H x 63.7°V	Field Angle (10%):	136.5°H x 93.1°V
Beam Lumens:	1318.6 lumens	Field Lumens:	1734.7 lumens
Beam Efficiency:	73.5%	Field Efficiency:	96.7%
Input Watts (W):	26		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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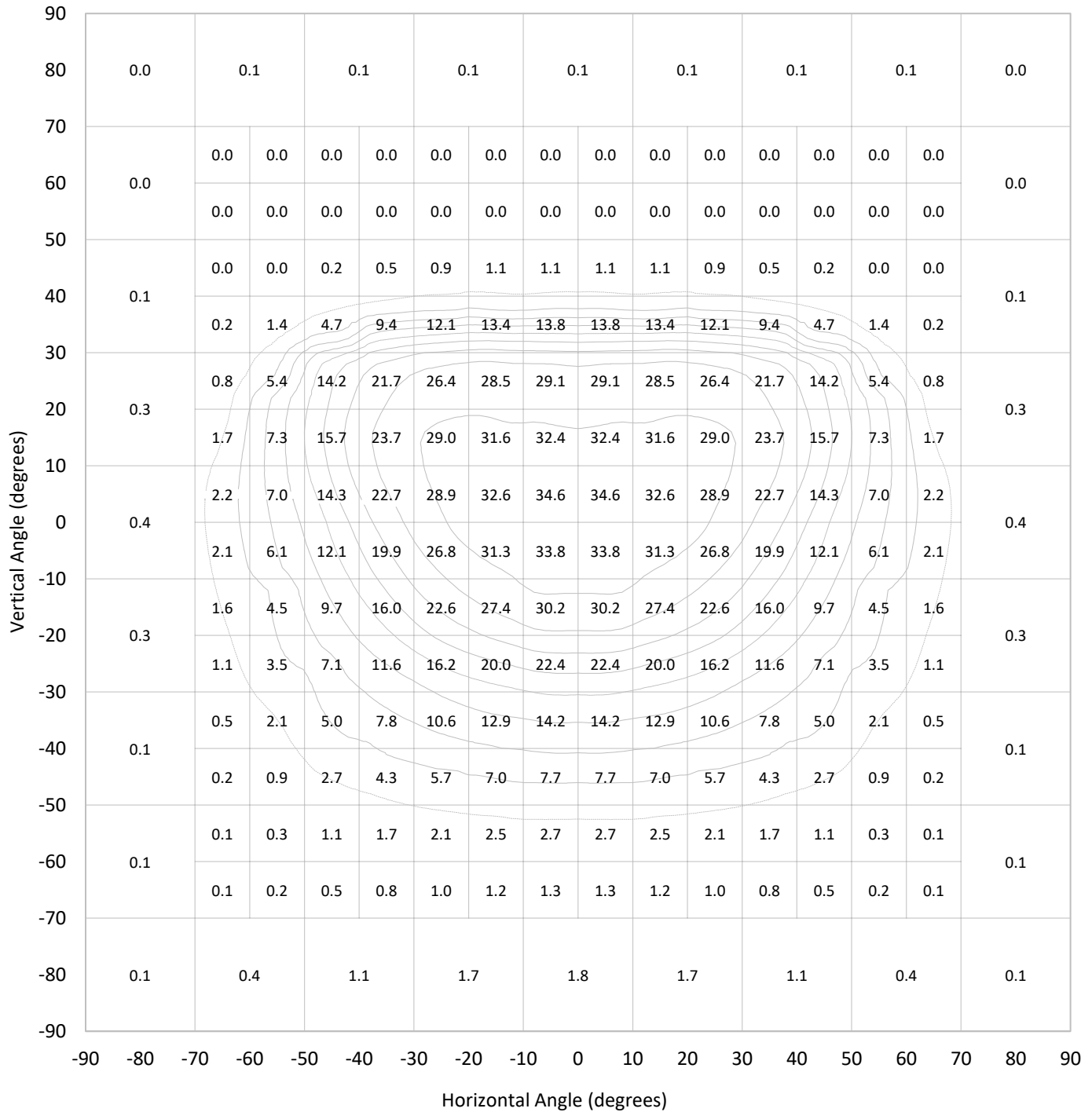
### Iso-Candela Plot





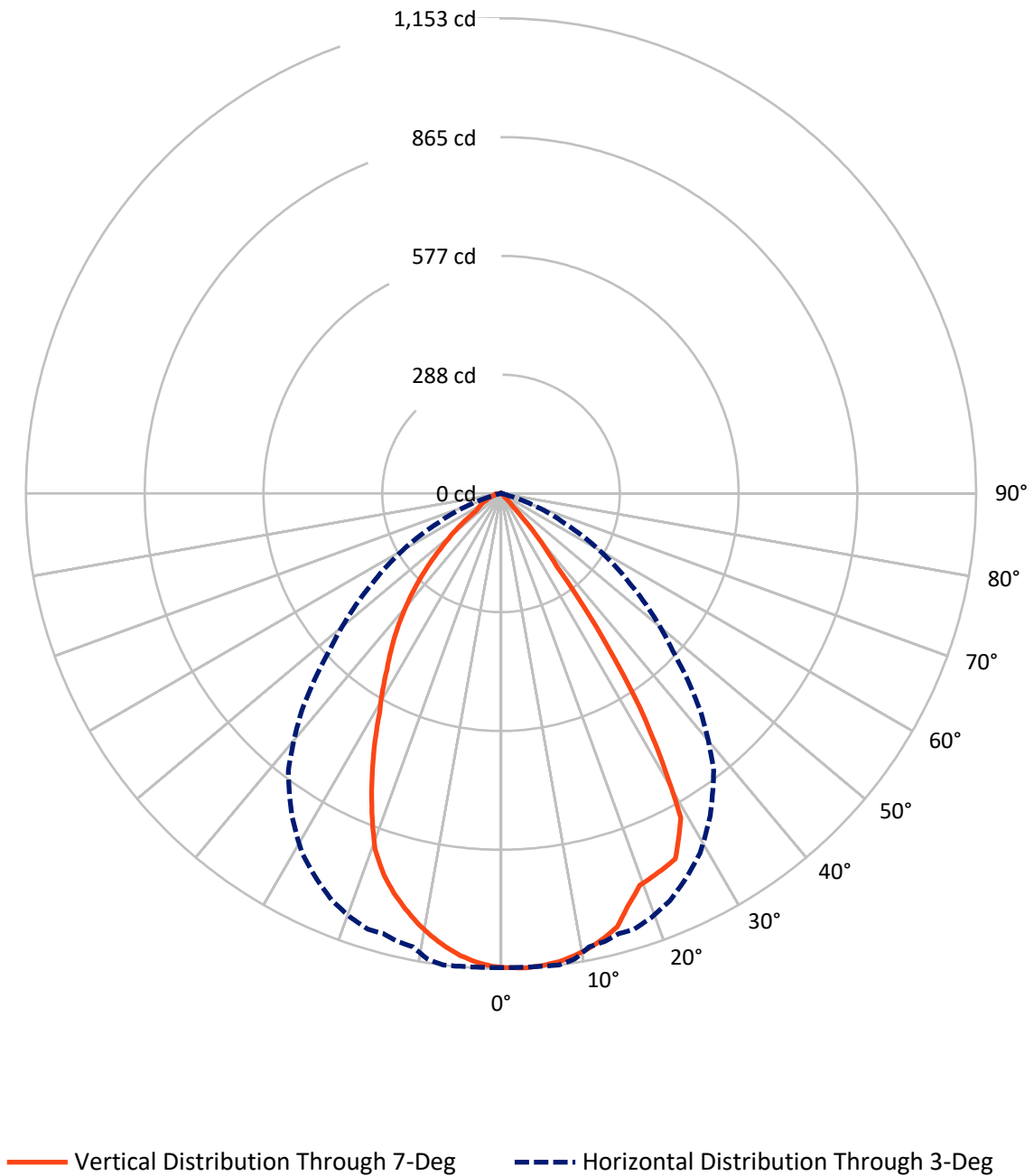
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### Lumen Table



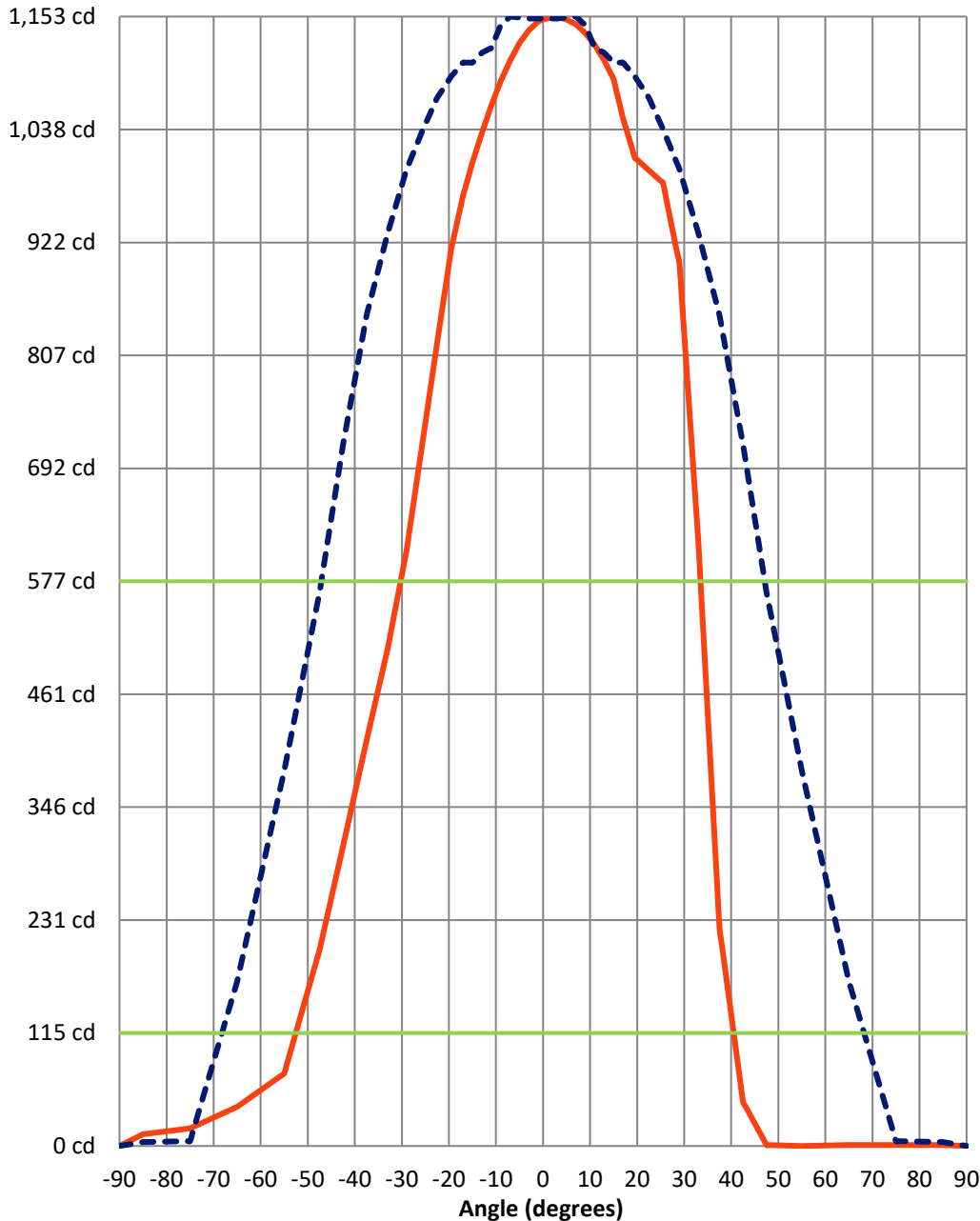
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 94.2°  
 V Angle: 63.7°  
 Lumens: 1318.6  
 Efficiency: 73.5%

**Field:**  
 H Angle: 136.5°  
 V Angle: 93.1°  
 Lumens: 1734.7  
 Efficiency: 96.7%

**Spill:**  
 Lumens: 59.4  
 Efficiency: 3.3%

— Vertical Distribution through 7-Deg  
 - - - Horizontal Distribution through 3-Deg



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	0°	1°	3°	5°	7°	9°	11°	13°	15°	17°	19.5°
90°	0	0	0	0	0	0	0	0	0	0	0
85°	0	1	1	2	1	1	2	2	2	2	2
75°	0	0	1	1	1	1	1	1	1	1	1
65°	0	0	0	1	1	1	1	1	1	1	1
55°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	1	1	1	1	1	1	1
42.5°	51	54	50	47	45	45	45	53	58	54	47
37.5°	234	238	239	240	223	214	206	207	212	225	253
33°	610	616	614	616	617	624	620	622	628	628	626
29°	893	896	895	903	900	906	903	911	922	929	919
25.5°	966	968	971	980	983	982	981	983	989	989	986
22.5°	980	982	985	992	996	996	988	991	1002	1007	1007
19.5°	998	999	1001	1008	1009	1006	1003	1009	1017	1026	1028
17°	1028	1031	1032	1040	1049	1051	1044	1049	1057	1064	1065
15°	1066	1067	1071	1080	1089	1092	1084	1086	1089	1094	1090
13°	1084	1086	1090	1099	1108	1108	1100	1102	1101	1104	1097
11°	1105	1106	1108	1116	1124	1123	1110	1111	1109	1112	1102
9°	1123	1125	1125	1131	1136	1134	1118	1117	1112	1116	1105
7°	1138	1139	1139	1141	1145	1139	1121	1119	1113	1114	1104
5°	1148	1148	1148	1149	1150	1143	1122	1110	1110	1110	1099
3°	1151	1151	1151	1152	1153	1144	1121	1116	1106	1106	1092
1°	1148	1148	1149	1150	1151	1141	1117	1109	1099	1098	1096
0°	1146	1147	1148	1149	1150	1140	1115	1107	1096	1094	1103
-1°	1144	1144	1145	1147	1148	1138	1121	1104	1091	1089	1078
-3°	1133	1134	1135	1138	1139	1130	1103	1093	1079	1076	1060
-5°	1119	1119	1121	1124	1126	1115	1090	1078	1063	1057	1038
-7°	1102	1102	1104	1106	1108	1098	1073	1061	1046	1037	1014
-9°	1082	1082	1083	1085	1087	1077	1052	1034	1024	1013	989
-11°	1059	1058	1058	1061	1062	1052	1029	1016	999	989	968
-13°	1032	1032	1033	1034	1034	1024	1002	989	974	958	931
-15°	1003	1003	1003	1004	1004	993	971	958	940	924	895
-17°	970	971	972	972	970	959	937	922	904	886	855
-19.5°	917	917	918	918	916	902	879	863	845	825	797
-22.5°	827	827	828	827	820	810	789	773	755	739	714
-25.5°	730	731	731	730	722	712	694	678	663	649	628
-29°	615	618	616	615	608	600	587	574	565	555	539
-33°	511	511	514	513	508	498	493	486	482	472	457
-37.5°	416	418	418	416	414	406	401	398	393	384	373
-42.5°	308	309	311	309	306	301	296	296	290	271	275
-47.5°	198	200	199	200	200	201	203	193	186	182	178
-55°	73	74	74	74	74	73	72	69	67	67	65
-65°	41	41	41	40	40	40	39	39	38	38	37
-75°	18	19	19	18	18	18	18	18	18	18	18
-85°	11	11	12	12	12	13	13	13	13	13	13
-90°	0	0	0	0	0	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (continued):**

	22.5°	25.5°	29°	33°	37.5°	42.5°	47.5°	55°	65°	75°	85°
90°	0	0	0	0	0	0	0	0	0	0	0
85°	2	2	2	2	2	2	2	2	2	2	2
75°	1	1	1	1	1	1	1	1	2	2	2
65°	1	1	1	1	0	0	0	1	1	2	2
55°	1	1	1	0	0	0	0	0	1	2	2
47.5°	1	1	1	1	0	0	0	0	1	2	2
42.5°	44	41	35	24	17	13	4	2	2	3	2
37.5°	212	211	204	180	157	130	94	16	4	4	3
33°	618	602	581	555	511	254	225	93	6	4	3
29°	901	887	878	825	779	664	547	184	13	5	3
25.5°	980	972	950	912	854	750	604	241	28	5	4
22.5°	1002	993	974	938	878	774	624	375	47	6	4
19.5°	1025	1018	999	961	901	796	644	402	70	6	4
17°	1057	1046	1023	981	920	814	659	412	89	6	4
15°	1079	1064	1039	993	930	819	663	409	104	6	4
13°	1083	1064	1037	989	925	812	656	413	120	6	4
11°	1084	1063	1033	984	918	801	643	410	134	6	4
9°	1084	1060	1029	977	908	788	630	406	147	6	5
7°	1081	1055	1021	965	892	768	609	401	158	6	5
5°	1077	1047	1011	951	872	744	588	392	165	5	5
3°	1070	1038	997	932	848	716	565	383	168	5	4
1°	1059	1027	981	911	822	687	542	374	168	5	4
0°	1054	1021	975	902	810	674	534	369	167	5	4
-1°	1048	1015	966	892	797	662	526	365	165	5	4
-3°	1032	996	945	870	771	640	512	356	160	5	4
-5°	1009	972	921	843	744	619	496	346	154	5	4
-7°	985	946	893	814	718	596	479	334	147	5	4
-9°	957	917	865	785	690	570	461	322	140	5	4
-11°	928	889	835	754	659	546	443	253	133	4	4
-13°	896	856	801	720	625	521	425	249	126	4	4
-15°	858	819	763	684	592	495	406	246	118	4	4
-17°	823	779	723	643	560	471	386	241	110	4	4
-19.5°	761	724	668	596	522	441	361	232	99	4	4
-22.5°	683	648	595	535	474	403	331	219	86	4	3
-25.5°	602	569	523	476	425	363	252	200	74	4	3
-29°	516	488	451	417	373	321	241	173	58	4	3
-33°	437	416	385	361	324	279	224	128	42	3	3
-37.5°	358	342	323	299	247	236	194	91	23	3	2
-42.5°	252	252	235	219	201	169	137	55	13	3	2
-47.5°	167	159	149	136	121	103	80	22	9	3	2
-55°	64	62	61	58	57	52	39	13	7	3	2
-65°	36	35	35	33	32	29	19	10	5	3	2
-75°	17	17	16	16	15	13	11	8	5	3	2
-85°	13	12	12	12	11	10	9	7	5	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0





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**CANDELA DISTRIBUTION (continued):**

	90°
90°	0
85°	0
75°	0
65°	0
55°	0
47.5°	0
42.5°	0
37.5°	0
33°	0
29°	0
25.5°	0
22.5°	0
19.5°	0
17°	0
15°	0
13°	0
11°	0
9°	0
7°	0
5°	0
3°	0
1°	0
0°	0
-1°	0
-3°	0
-5°	0
-7°	0
-9°	0
-11°	0
-13°	0
-15°	0
-17°	0
-19.5°	0
-22.5°	0
-25.5°	0
-29°	0
-33°	0
-37.5°	0
-42.5°	0
-47.5°	0
-55°	0
-65°	0
-75°	0
-85°	0
-90°	0

(END OF REPORT)