

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: P25367

Luminaire Tested: **XTOR1A-WT-XTORFLD+VISOR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P25367  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: XTOR1A-WT-XTORFLD+VISOR  
Description: LUMARK CROSSTOUR LED WHITE 10W XTORFLD WITH VISOR  
Light Source: (1) 5000K LED  
Ballast/Driver: (1) ELECTRONIC DRIVER

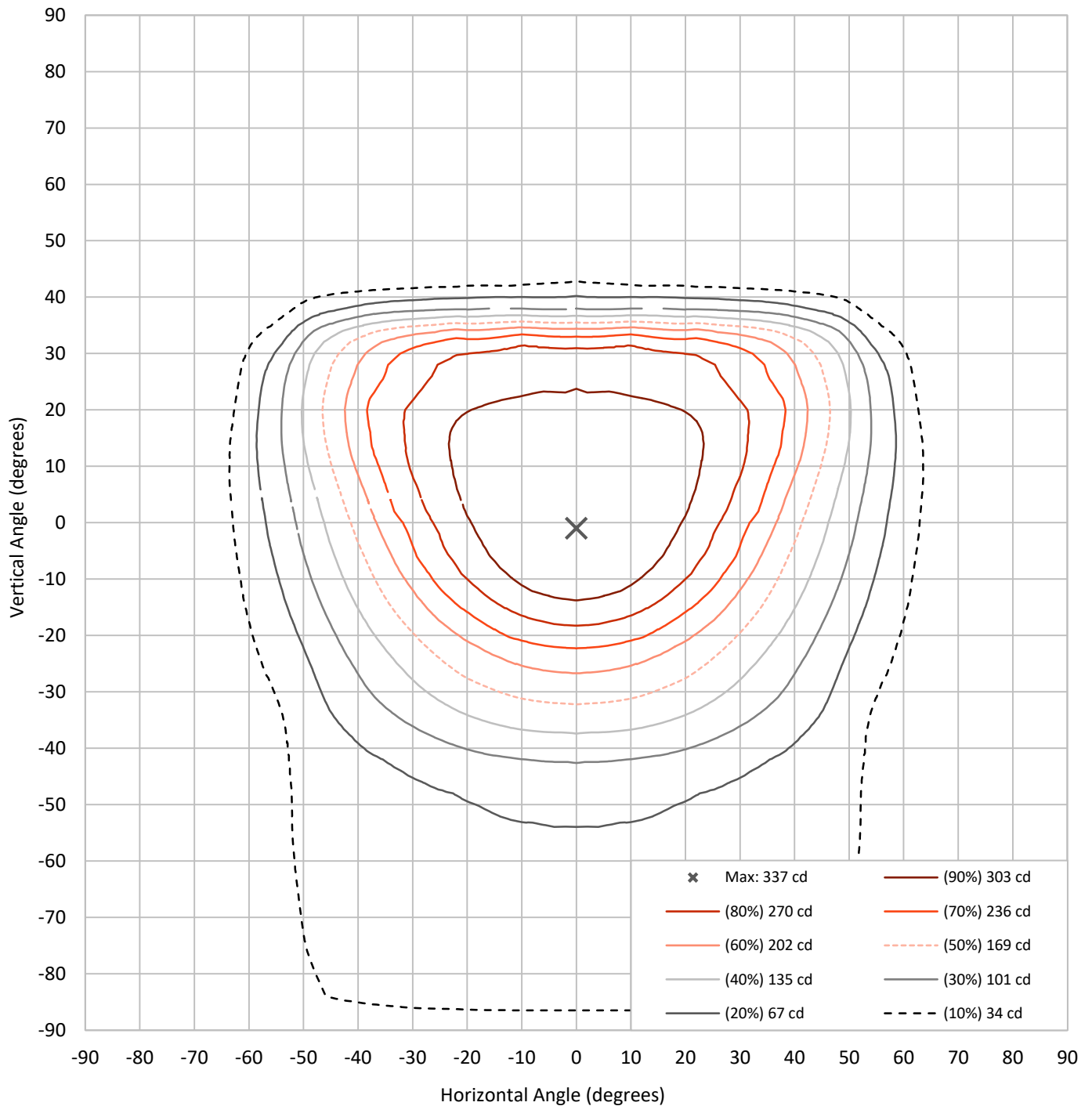
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	566.6 lumens	Max Intensity:	337 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -1°V
Efficacy:	80.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.46' x L: 0.12' x H: 0')		
Beam Angle (50%):	82°H x 67.7°V	Field Angle (10%):	125.7°H x 128.9°V
Beam Lumens:	379.1 lumens	Field Lumens:	549.8 lumens
Beam Efficiency:	66.9%	Field Efficiency:	97.0%
Input Watts (W):	7		
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		



REPORT NUMBER: P25367  
CATALOG NUMBER: XTOR1A-WT-XTORFLD+VISOR

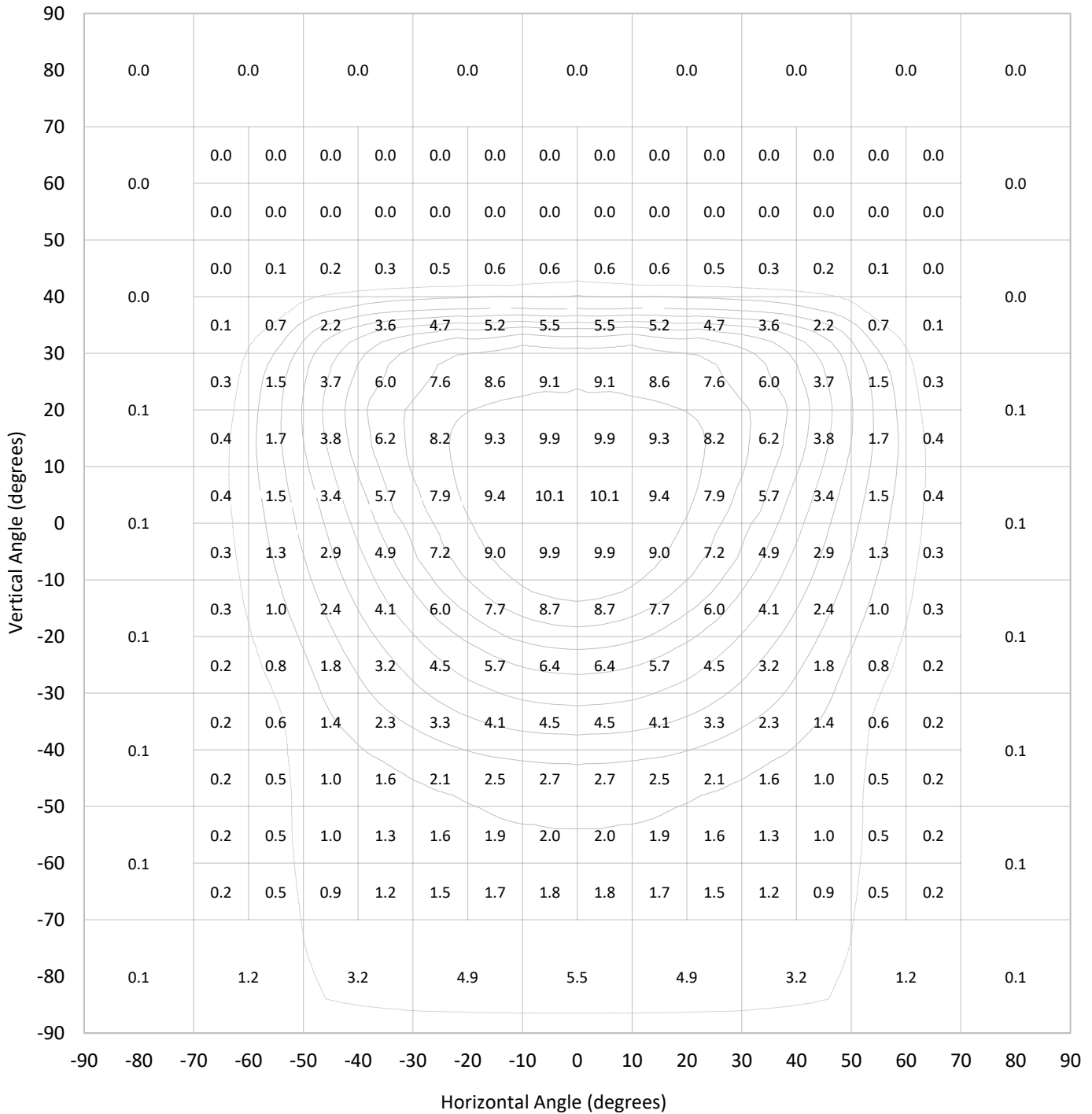
### Iso-Candela Plot





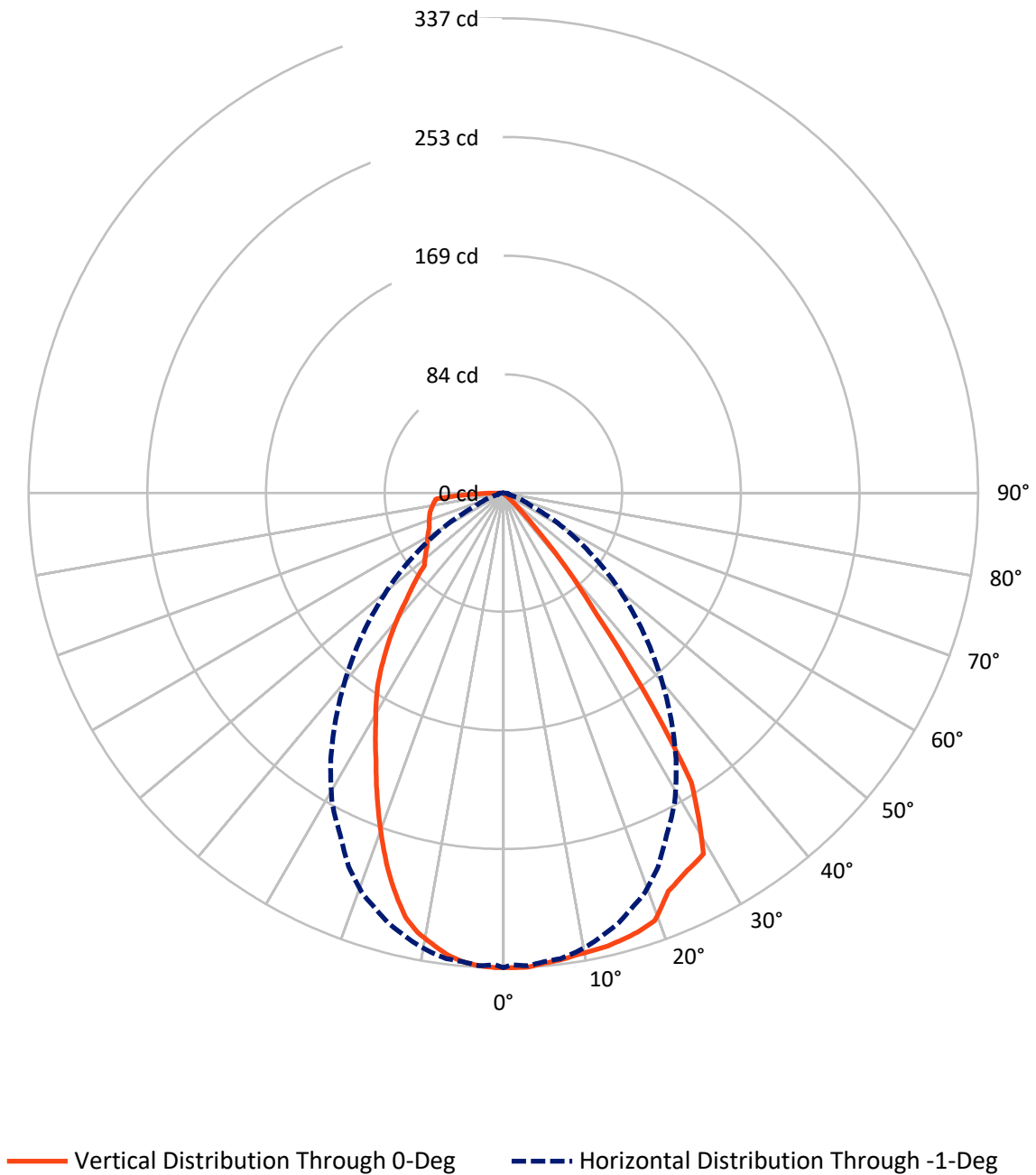
REPORT NUMBER: P25367  
 CATALOG NUMBER: XTOR1A-WT-XTORFLD+VISOR

### Lumen Table



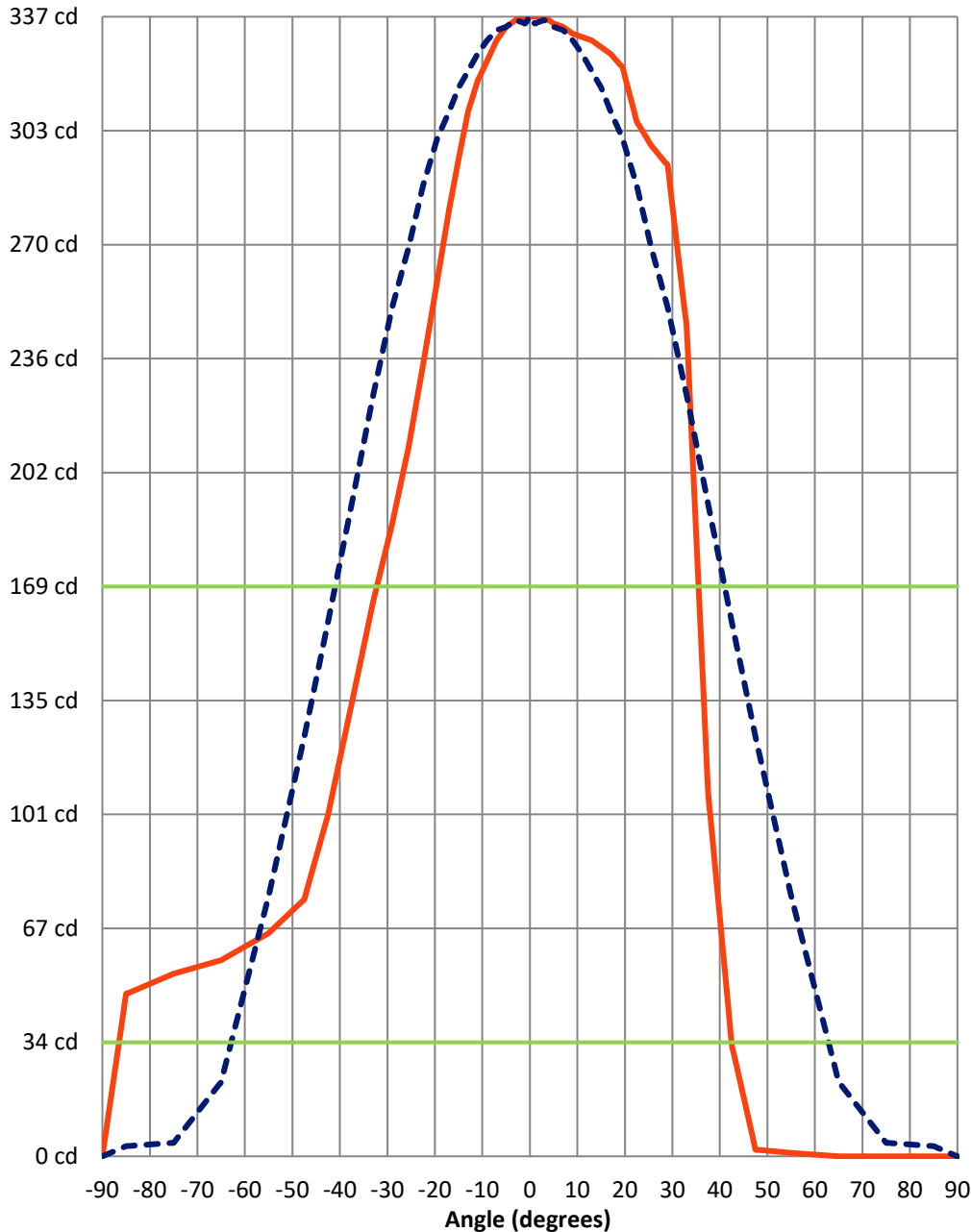
REPORT NUMBER: P25367  
CATALOG NUMBER: XTOR1A-WT-XTORFLD+VISOR

### Luminous Intensity Polar Plot



REPORT NUMBER: P25367  
 CATALOG NUMBER: XTOR1A-WT-XTORFLD+VISOR

### Luminous Intensity Plot



**Beam:**  
 H Angle: 82°  
 V Angle: 67.7°  
 Lumens: 379.1  
 Efficiency: 66.9%

**Field:**  
 H Angle: 125.7°  
 V Angle: 128.9°  
 Lumens: 549.8  
 Efficiency: 97.0%

**Spill:**  
 Lumens: 16.8  
 Efficiency: 3.0%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -1-Deg



REPORT NUMBER: P25367

CATALOG NUMBER: XTOR1A-WT-XTORFLD+VISOR

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	0	0	1	0	0	0	1	1	1	1
75°	0	0	0	0	0	1	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
55°	1	1	1	1	1	1	1	1	1	1	1
47.5°	2	2	2	2	2	2	2	2	2	2	2
42.5°	33	31	31	30	29	28	26	25	26	26	27
37.5°	108	105	104	104	104	107	109	109	110	107	104
33°	245	244	245	247	251	256	257	245	242	235	235
29°	293	291	292	292	292	290	289	288	286	285	281
25.5°	299	297	297	297	297	295	294	293	291	290	286
22.5°	306	304	304	305	305	303	302	301	299	297	294
19.5°	322	319	319	318	318	316	315	313	311	308	305
17°	326	324	325	324	324	322	320	319	317	314	311
15°	328	326	327	327	327	326	324	322	320	317	314
13°	330	329	329	329	329	328	326	324	321	318	314
11°	331	329	330	330	330	329	327	325	322	318	314
9°	332	330	332	331	331	330	328	325	323	318	314
7°	334	332	333	332	332	331	328	326	323	319	313
5°	335	333	334	334	333	332	329	325	322	317	311
3°	337	335	336	335	334	332	329	325	321	315	309
1°	337	335	336	335	333	331	328	324	319	313	305
0°	337	336	336	334	333	331	327	322	318	311	303
-1°	337	335	336	334	333	330	326	321	316	309	301
-3°	336	335	335	333	331	328	324	318	313	306	297
-5°	334	332	333	330	329	326	320	315	310	301	291
-7°	330	329	329	327	325	321	316	310	304	295	285
-9°	324	323	324	321	318	315	309	303	296	286	276
-11°	318	317	317	314	311	308	301	295	287	277	267
-13°	309	307	307	304	301	297	291	284	276	267	259
-15°	295	294	295	291	287	283	277	271	263	257	245
-17°	280	279	279	276	272	269	263	257	253	243	229
-19.5°	259	259	259	256	253	249	247	241	231	221	213
-22.5°	234	233	233	231	229	225	220	214	208	202	195
-25.5°	210	209	209	207	206	202	199	195	190	186	180
-29°	187	187	187	185	184	182	179	176	172	168	163
-33°	164	163	163	162	161	159	158	155	151	147	142
-37.5°	134	133	133	132	132	130	129	126	124	121	117
-42.5°	101	100	100	100	99	98	97	95	94	92	89
-47.5°	76	75	76	76	75	75	74	74	73	71	70
-55°	66	66	66	66	65	65	65	64	63	62	61
-65°	58	58	58	58	57	57	57	56	56	55	55
-75°	54	54	54	54	54	53	53	53	52	51	51
-85°	48	48	48	48	48	48	48	47	47	47	46
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P25367  
 CATALOG NUMBER: XTOR1A-WT-XTORFLD+VISOR

**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°	1	1	1	1	1	1	1	1	1	1	1
75°	0	0	0	0	0	0	0	0	1	1	1
65°	0	0	0	0	0	0	0	0	0	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
47.5°	2	2	2	2	2	1	2	1	1	2	1
42.5°	22	23	20	18	15	13	10	6	2	2	1
37.5°	105	103	99	96	88	73	58	20	3	2	2
33°	243	226	220	206	185	155	120	49	4	2	2
29°	276	268	259	242	218	183	146	75	6	3	2
25.5°	281	273	263	247	226	192	153	86	9	3	2
22.5°	288	281	271	254	238	199	159	90	13	3	2
19.5°	300	293	282	264	244	202	161	92	17	3	2
17°	304	296	284	262	239	200	159	93	20	3	2
15°	306	297	283	261	238	198	157	93	22	3	2
13°	306	297	281	261	237	194	153	92	24	3	2
11°	305	295	279	260	231	190	149	90	24	3	2
9°	304	293	276	256	223	184	145	88	25	3	2
7°	302	290	272	254	217	179	140	86	25	3	2
5°	300	286	267	246	210	173	136	84	24	3	2
3°	296	283	265	243	205	168	132	81	23	3	2
1°	292	277	258	237	199	163	128	79	23	4	3
0°	290	274	254	228	196	160	126	78	22	4	3
-1°	287	269	251	225	193	158	124	77	22	4	3
-3°	282	266	245	218	187	153	121	75	21	4	3
-5°	276	263	242	211	180	148	117	72	20	4	3
-7°	269	257	235	204	174	143	113	69	19	4	3
-9°	263	245	221	196	168	138	109	66	18	4	3
-11°	257	239	212	189	162	133	105	63	17	4	3
-13°	242	223	203	181	155	128	100	60	17	5	3
-15°	230	213	194	173	149	122	96	57	16	5	2
-17°	216	202	185	165	142	117	91	53	15	5	3
-19.5°	201	189	173	154	134	110	85	49	15	5	2
-22.5°	186	174	160	143	124	102	78	44	14	5	2
-25.5°	171	160	147	132	115	94	72	40	14	6	2
-29°	155	145	134	121	105	86	66	35	15	6	2
-33°	135	127	118	106	93	77	60	30	15	6	2
-37.5°	111	105	97	88	78	65	53	27	16	7	2
-42.5°	85	80	75	69	63	54	46	28	17	7	2
-47.5°	68	66	63	60	55	50	43	28	17	7	2
-55°	60	59	58	55	52	48	41	29	18	7	2
-65°	54	53	51	49	47	43	38	29	17	7	2
-75°	50	49	47	45	43	40	36	28	16	7	2
-85°	45	44	43	41	39	36	32	25	14	7	2
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P25367

CATALOG NUMBER: XTOR1A-WT-XTORFLD+VISOR

**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)