

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: McGRAW-EDISON

Report Number: P226865

Luminaire Tested: **IST-AF-1200-LED-E1-SL2-7060**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P226865  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35945)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: IST-AF-1200-LED-E1-SL2-7060  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE II W/SPILL CONTROL  
Light Source: (16) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

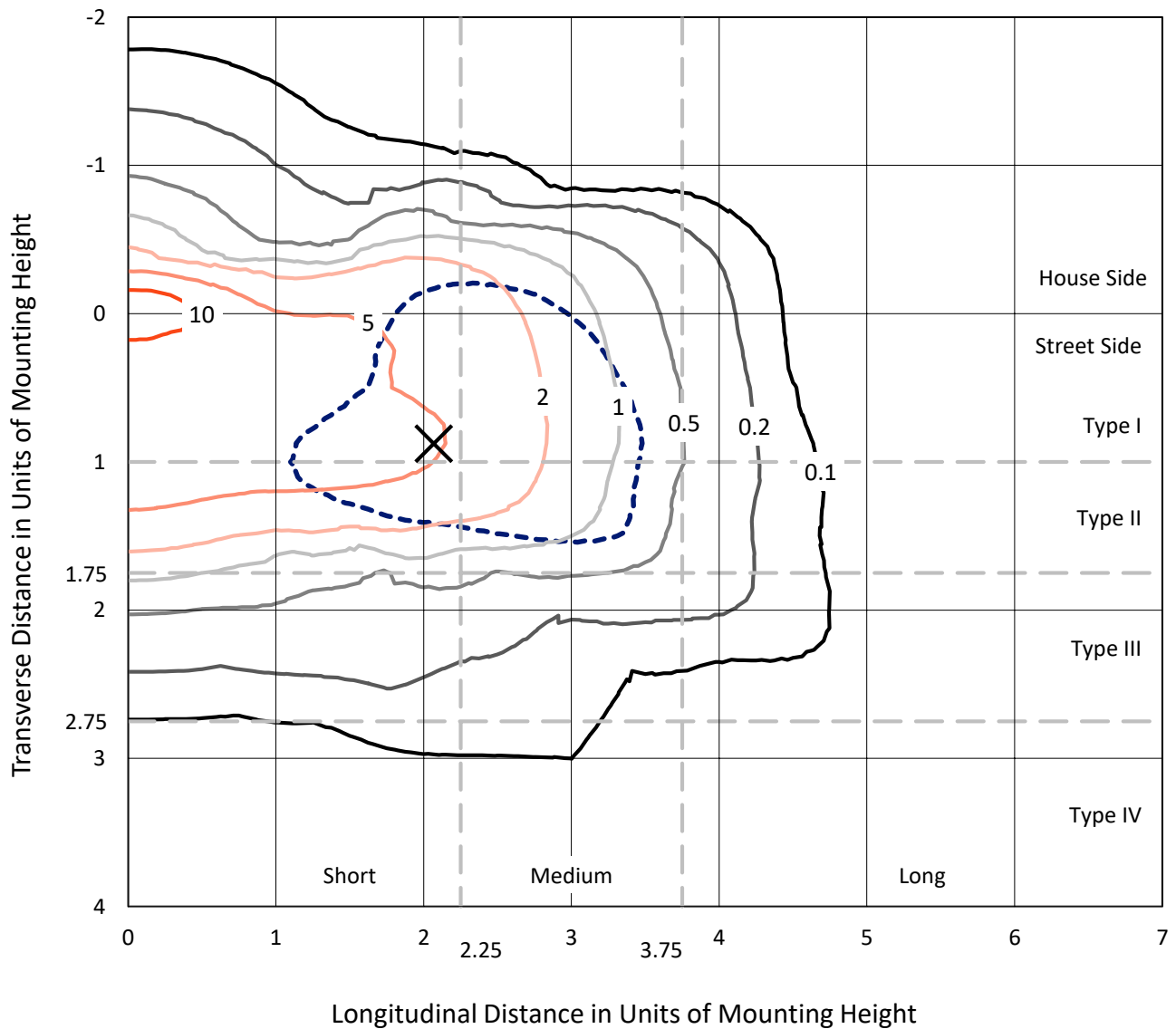
Lumens per Lamp: N/A  
Luminaire Lumens: 6656 lumens  
Efficiency: N/A  
Efficacy: 100.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Short - Semi-Cutoff  
BUG Rating: B1 - U1 - G2  
  
Input Watts (W): 66  
Input Voltage (V): 120  
Input Current (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: P226865  
 CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

### Iso-Footcandle Lines of Horizontal Illumination

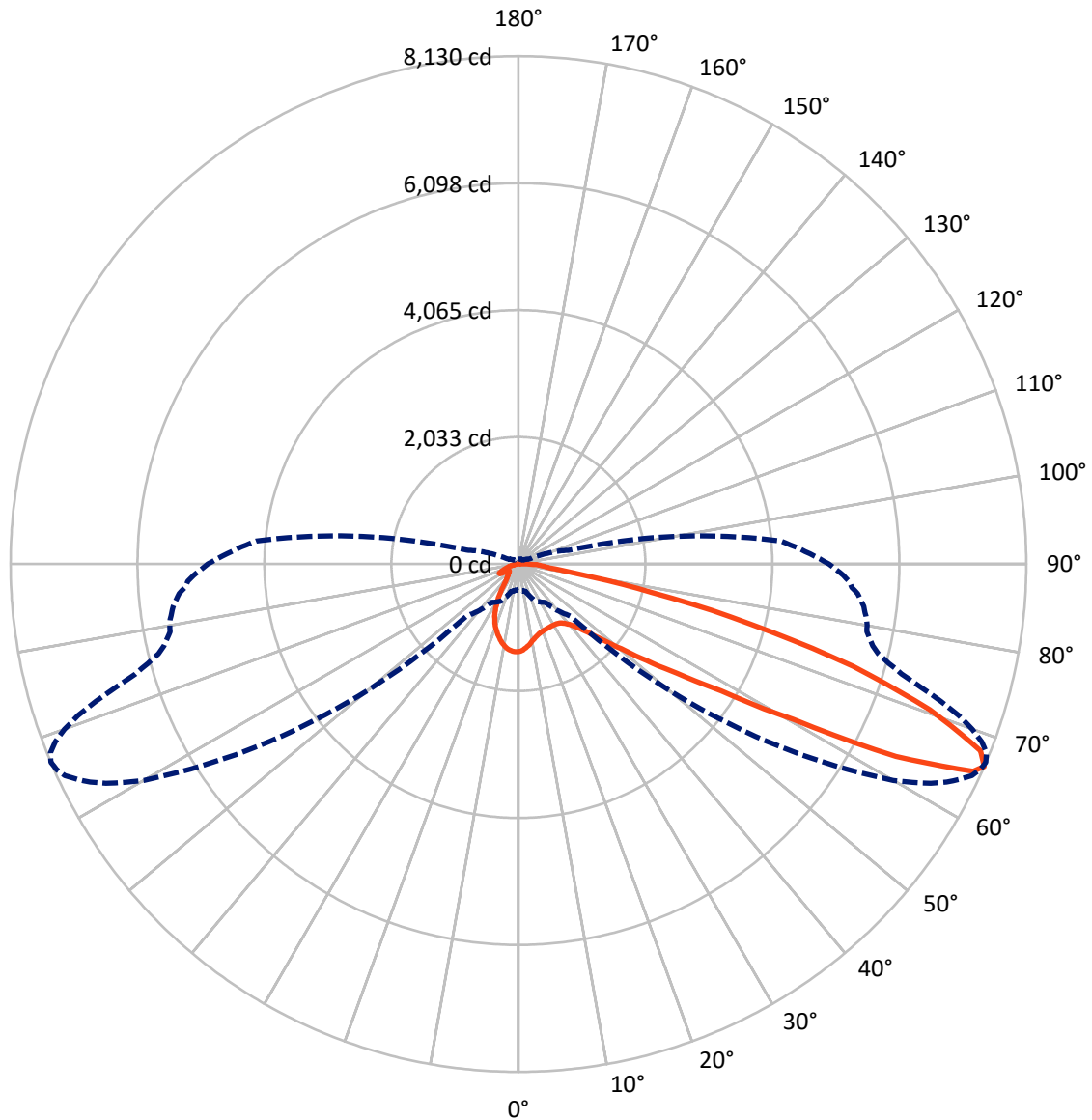
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14 fc  
 Type II - Short - Semi-Cutoff

REPORT NUMBER: P226865  
CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

### Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral    - - - Horizontal Cone Through 66-Deg Vertical

REPORT NUMBER: P226865

CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

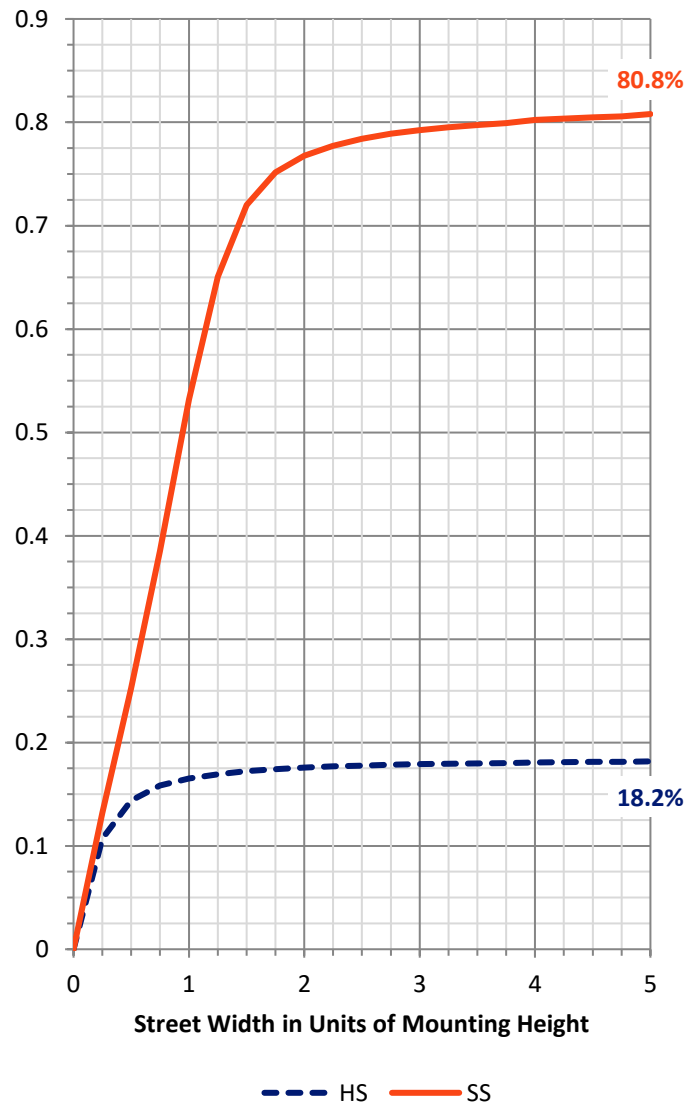
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1229.0	0.5	1229.5
	% Fixture	18.5	0.0	18.5
<b>Street Side</b>	Lumens	5424.6	1.9	5426.5
	% Fixture	81.5	0.0	81.5
<b>Total</b>	Lumens	6653.5	2.4	6656.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	121.5	1.8
10°-20°	289.2	4.3
20°-30°	396.5	6.0
30°-40°	566.5	8.5
40°-50°	918.5	13.8
50°-60°	1455.3	21.9
60°-70°	1844.2	27.7
70°-80°	916.7	13.8
80°-90°	145.2	2.2
90°-100°	2.4	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6653.5	100.0
0°-180°	6656.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P226865

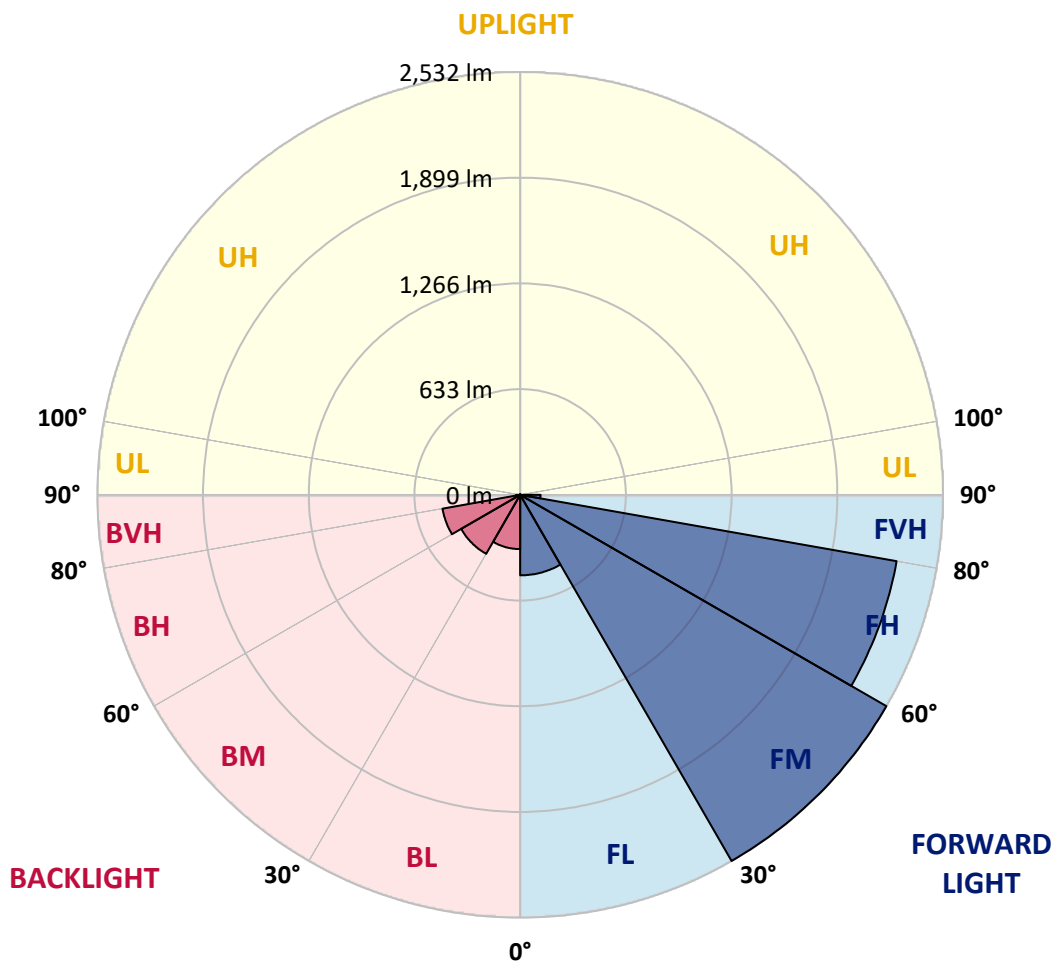
CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	482.2	7.2			
FM	(30°-60°)	2532.0	38.0			
FH	(60°-80°)	2288.6	34.4			G2/5000
FVH	(80°-90°)	121.8	1.8			G2/225
BL	(0°-30°)	325.0	4.9	B1/500		
BM	(30°-60°)	408.3	6.1	B1/1000		
BH	(60°-80°)	472.3	7.1	B1/500		G1/500
BVH	(80°-90°)	23.4	0.4			G1/100
UL	(90°-100°)	2.4	0.0		U1/10	
UH	(100°-180°)	0.5	0.0		U1/10	

**BUG Rating: B1-U1-G2**

Type II Short





REPORT NUMBER: P226865

CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	63°
0°	1401	1401	1401	1401	1401	1401	1401	1401	1401	1401	1401
2.5°	1302	1305	1322	1331	1344	1348	1363	1369	1374	1373	1373
5°	1185	1194	1202	1220	1239	1262	1291	1313	1317	1322	1325
7.5°	1096	1102	1116	1129	1153	1185	1226	1254	1260	1262	1269
10°	1033	1037	1049	1066	1094	1125	1168	1197	1206	1210	1216
12.5°	984	990	1001	1019	1049	1081	1126	1155	1161	1166	1175
15°	953	957	967	987	1014	1046	1090	1125	1129	1134	1142
17.5°	947	950	956	971	992	1023	1068	1097	1104	1111	1119
20°	971	973	975	977	989	1009	1053	1084	1090	1096	1106
22.5°	1023	1026	1021	1014	1005	1009	1046	1078	1082	1088	1096
25°	1113	1110	1095	1084	1052	1026	1048	1075	1080	1086	1095
27.5°	1219	1215	1206	1176	1123	1070	1060	1080	1083	1088	1096
30°	1333	1334	1326	1293	1225	1136	1087	1092	1094	1098	1103
32.5°	1436	1451	1450	1448	1351	1225	1139	1119	1116	1119	1121
35°	1555	1558	1586	1600	1521	1355	1215	1171	1159	1160	1158
37.5°	1683	1687	1735	1759	1698	1503	1316	1248	1237	1226	1218
40°	1869	1885	1910	1937	1907	1702	1449	1357	1329	1327	1311
42.5°	2147	2142	2130	2152	2116	1925	1610	1511	1490	1462	1440
45°	2420	2431	2379	2389	2391	2183	1843	1704	1693	1660	1636
47.5°	2604	2592	2522	2573	2698	2484	2113	1967	1944	1927	1912
50°	2614	2604	2559	2649	2916	3019	2489	2319	2286	2256	2247
52.5°	2370	2356	2371	2554	2995	3467	3020	2756	2729	2704	2669
55°	1935	1951	2022	2285	2874	3785	4065	3431	3315	3314	3228
57.5°	1445	1429	1482	1729	2568	3898	5025	4868	4609	4434	4223
60°	975	979	1028	1155	1787	3775	5668	6215	6124	6087	6030
62.5°	676	682	727	846	1045	3037	5856	6970	7133	7268	7235
65°	473	474	519	703	783	1560	5441	7070	7313	7545	7753
66°	417	418	455	654	751	1177	5081	6931	7208	7478	7693
67.5°	357	363	392	556	720	908	4197	6516	6806	7103	7387
70°	245	247	273	451	674	797	2392	5087	5488	6010	6312
72.5°	175	173	176	279	692	792	1257	3348	3909	4367	4694
75°	156	151	138	173	505	865	842	1971	2398	2815	3150
77.5°	139	131	124	133	250	815	756	1129	1347	1658	1916
80°	106	101	105	115	150	750	751	751	810	912	1014
82.5°	70	64	73	95	113	565	776	663	652	648	655
85°	44	38	51	71	87	295	796	700	649	600	551
87.5°	16	18	26	41	57	128	698	617	582	521	464
90°	4	3	5	12	13	24	107	171	102	51	41
92.5°	0	0	0	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
97.5°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
102.5°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
107.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P226865

CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	63°
110°	0	0	0	0	0	0	0	0	0	0	0
112.5°	0	0	0	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0	0	0	0
117.5°	0	0	0	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0	0	0	0
122.5°	0	0	0	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0	0	0	0
127.5°	0	0	0	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0	0	0	0
132.5°	0	0	0	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0	0	0	0
137.5°	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0
142.5°	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0
147.5°	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0
152.5°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
157.5°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
162.5°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
167.5°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P226865

CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

**CANDELA DISTRIBUTION (continued):**

	64°	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°
0°	1401	1401	1401	1401	1401	1401	1401	1401	1401	1401	1401
2.5°	1374	1379	1381	1379	1380	1386	1384	1387	1387	1389	1389
5°	1329	1333	1341	1340	1348	1351	1354	1358	1363	1366	1372
7.5°	1276	1284	1291	1295	1300	1310	1313	1322	1330	1338	1344
10°	1225	1236	1244	1247	1258	1263	1274	1281	1291	1301	1310
12.5°	1182	1192	1196	1206	1216	1226	1231	1244	1254	1267	1279
15°	1150	1160	1168	1175	1185	1195	1203	1216	1228	1241	1252
17.5°	1130	1136	1146	1152	1164	1176	1185	1200	1213	1224	1239
20°	1115	1122	1131	1140	1151	1166	1174	1190	1204	1217	1231
22.5°	1107	1114	1123	1132	1144	1156	1169	1183	1198	1212	1226
25°	1104	1110	1118	1127	1140	1153	1164	1180	1193	1208	1225
27.5°	1105	1109	1118	1126	1139	1151	1162	1178	1193	1207	1224
30°	1109	1112	1121	1128	1139	1151	1161	1178	1191	1206	1224
32.5°	1123	1127	1131	1136	1146	1155	1167	1182	1194	1209	1224
35°	1156	1153	1156	1158	1165	1174	1183	1196	1207	1220	1236
37.5°	1208	1202	1204	1203	1203	1209	1218	1227	1236	1249	1265
40°	1304	1289	1285	1274	1271	1276	1282	1283	1294	1311	1318
42.5°	1428	1408	1411	1393	1388	1382	1390	1385	1392	1403	1418
45°	1624	1605	1585	1556	1562	1540	1534	1536	1535	1539	1557
47.5°	1858	1833	1820	1809	1788	1775	1758	1733	1739	1747	1763
50°	2200	2192	2167	2131	2126	2107	2102	2080	2072	2071	2070
52.5°	2657	2605	2595	2561	2535	2517	2511	2480	2449	2467	2465
55°	3214	3171	3116	3086	3065	3022	3011	2972	2954	2944	2919
57.5°	4150	3999	3886	3830	3751	3671	3643	3563	3501	3457	3460
60°	5782	5513	5196	5054	4725	4677	4451	4396	4260	4170	4118
62.5°	7212	7139	6987	6780	6450	6070	5899	5559	5293	5177	5016
65°	7895	7998	8040	8001	7869	7637	7433	7101	6655	6403	6090
66°	7860	8013	8090	8130	8082	7945	7731	7458	7113	6729	6378
67.5°	7604	7753	7860	7982	7982	7939	7852	7670	7426	7091	6776
70°	6558	6760	6949	6986	7090	7058	7127	7011	6953	6813	6644
72.5°	5109	5278	5440	5602	5575	5540	5533	5557	5439	5481	5437
75°	3398	3689	3855	3839	3850	3859	3785	3620	3748	3586	3640
77.5°	2065	2200	2245	2195	2130	2046	1911	1832	1719	1728	1653
80°	1083	1100	1064	963	908	858	704	635	571	547	493
82.5°	621	580	536	502	437	393	333	295	254	218	205
85°	503	448	407	369	325	286	236	197	167	145	140
87.5°	415	377	335	299	256	216	167	130	103	83	77
90°	37	50	36	20	30	16	9	10	8	8	9
92.5°	0	0	0	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
97.5°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
102.5°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
107.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P226865

CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

**CANDELA DISTRIBUTION (continued):**

	64°	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°
110°	0	0	0	0	0	0	0	0	0	0	0
112.5°	0	0	0	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0	0	0	0
117.5°	0	0	0	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0	0	0	0
122.5°	0	0	0	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0	0	0	0
127.5°	0	0	0	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0	0	0	0
132.5°	0	0	0	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0	0	0	0
137.5°	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0
142.5°	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0
147.5°	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0
152.5°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
157.5°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
162.5°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
167.5°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P226865  
 CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

**CANDELA DISTRIBUTION (continued):**

	75°	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°
0°	1401	1401	1401	1401	1401	1401	1401	1401	1401	1401	1401
2.5°	1392	1392	1394	1396	1397	1397	1397	1399	1400	1397	1400
5°	1375	1380	1384	1387	1388	1391	1394	1396	1399	1399	1401
7.5°	1352	1361	1366	1371	1376	1381	1387	1391	1393	1397	1400
10°	1323	1334	1344	1352	1359	1369	1377	1383	1392	1393	1400
12.5°	1292	1308	1316	1331	1341	1356	1364	1373	1383	1388	1396
15°	1270	1284	1299	1313	1329	1347	1357	1369	1383	1394	1404
17.5°	1253	1272	1289	1307	1327	1346	1361	1374	1392	1398	1408
20°	1248	1269	1286	1305	1326	1351	1369	1383	1401	1411	1420
22.5°	1246	1266	1286	1309	1332	1358	1377	1395	1413	1422	1429
25°	1244	1265	1287	1313	1338	1365	1387	1404	1421	1430	1436
27.5°	1244	1266	1290	1316	1343	1373	1394	1410	1425	1433	1435
30°	1243	1266	1289	1318	1347	1378	1401	1416	1429	1434	1432
32.5°	1245	1269	1294	1323	1353	1383	1407	1424	1431	1430	1429
35°	1255	1277	1306	1335	1366	1394	1417	1429	1435	1433	1428
37.5°	1282	1304	1333	1365	1389	1421	1442	1451	1452	1446	1434
40°	1338	1360	1386	1421	1450	1472	1492	1502	1496	1485	1472
42.5°	1427	1455	1486	1514	1548	1578	1583	1589	1579	1558	1542
45°	1570	1587	1627	1648	1692	1707	1718	1721	1699	1682	1654
47.5°	1776	1809	1837	1857	1889	1909	1931	1921	1904	1875	1838
50°	2100	2121	2157	2193	2227	2241	2241	2231	2220	2164	2119
52.5°	2498	2500	2552	2595	2624	2603	2628	2603	2596	2557	2520
55°	2959	2940	3003	3041	3067	3092	3087	3084	3058	3014	2969
57.5°	3397	3452	3482	3538	3551	3568	3561	3551	3536	3511	3491
60°	4029	4066	4093	4104	4141	4146	4171	4130	4140	4111	4048
62.5°	4889	4849	4870	4870	4859	4820	4841	4857	4830	4806	4796
65°	5852	5723	5599	5578	5521	5508	5492	5452	5435	5393	5359
66°	6140	5940	5823	5751	5682	5667	5645	5603	5569	5510	5453
67.5°	6463	6205	6029	5927	5842	5786	5742	5682	5628	5540	5449
70°	6442	6229	6017	5862	5734	5619	5551	5422	5312	5186	5082
72.5°	5413	5375	5252	5165	5008	4947	4767	4685	4533	4370	4320
75°	3763	3614	3551	3516	3447	3257	3133	3160	2982	2823	2732
77.5°	1645	1675	1501	1423	1363	1260	1164	1098	1060	1035	922
80°	455	397	392	364	358	319	324	296	277	273	264
82.5°	199	195	189	186	183	179	174	173	167	162	163
85°	132	131	128	125	120	113	108	104	105	100	99
87.5°	77	75	74	70	69	63	64	59	58	57	54
90°	11	12	15	14	10	19	16	14	15	12	12
92.5°	0	0	0	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
97.5°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
102.5°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
107.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P226865  
 CATALOG NUMBER: IST-AF-1200-LED-E1-SL2-7060

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	75°	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	
110°	0	0	0	0	0	0	0	0	0	0	0	0°
112.5°	0	0	0	0	0	0	0	0	0	0	0	2.5°
115°	0	0	0	0	0	0	0	0	0	0	0	5°
117.5°	0	0	0	0	0	0	0	0	0	0	0	7.5°
120°	0	0	0	0	0	0	0	0	0	0	0	10°
122.5°	0	0	0	0	0	0	0	0	0	0	0	12.5°
125°	0	0	0	0	0	0	0	0	0	0	0	15°
127.5°	0	0	0	0	0	0	0	0	0	0	0	17.5°
130°	0	0	0	0	0	0	0	0	0	0	0	20°
132.5°	0	0	0	0	0	0	0	0	0	0	0	22.5°
135°	0	0	0	0	0	0	0	0	0	0	0	25°
137.5°	0	0	0	0	0	0	0	0	0	0	0	27.5°
140°	0	0	0	0	0	0	0	0	0	0	0	30°
142.5°	0	0	0	0	0	0	0	0	0	0	0	32.5°
145°	0	0	0	0	0	0	0	0	0	0	0	35°
147.5°	0	0	0	0	0	0	0	0	0	0	0	37.5°
150°	0	0	0	0	0	0	0	0	0	0	0	40°
152.5°	0	0	0	0	0	0	0	0	0	0	0	42.5°
155°	0	0	0	0	0	0	0	0	0	0	0	45°
157.5°	0	0	0	0	0	0	0	0	0	0	0	47.5°
160°	0	0	0	0	0	0	0	0	0	0	0	50°
162.5°	0	0	0	0	0	0	0	0	0	0	0	52.5°
165°	0	0	0	0	0	0	0	0	0	0	0	55°
167.5°	0	0	0	0	0	0	0	0	0	0	0	57.5°
170°	0	0	0	0	0	0	0	0	0	0	0	60°
172.5°	0	0	0	0	0	0	0	0	0	0	0	62.5°
175°	0	0	0	0	0	0	0	0	0	0	0	65°
177.5°	0	0	0	0	0	0	0	0	0	0	0	66°
180°	0	0	0	0	0	0	0	0	0	0	0	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°



NUMBER: P226865  
 NUMBER: IST-AF-1200-LED-E1-SL2-7060

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

86°	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	110°	86°
1401	1401	1401	1401	1401	1401	1401	1401	1401	1401	1401	110°	0
1403	1405	1406	1405	1407	1406	1407	1406	1401	1400	1399	112.5°	0
1405	1409	1410	1411	1409	1411	1407	1391	1373	1353	1337	115°	0
1407	1412	1415	1415	1416	1414	1399	1364	1322	1280	1248	117.5°	0
1406	1413	1416	1417	1417	1413	1377	1321	1257	1193	1128	120°	0
1403	1409	1414	1414	1415	1401	1345	1265	1174	1078	991	122.5°	0
1409	1415	1415	1415	1414	1390	1311	1195	1073	943	814	125°	0
1418	1421	1419	1419	1415	1379	1273	1126	966	794	614	127.5°	0
1426	1428	1427	1422	1417	1367	1234	1053	838	614	435	130°	0
1434	1436	1431	1423	1416	1351	1187	960	693	420	288	132.5°	0
1435	1437	1428	1417	1407	1327	1130	861	534	272	225	135°	0
1434	1432	1417	1403	1392	1298	1067	738	356	205	196	137.5°	0
1427	1418	1406	1390	1374	1266	1004	601	225	178	178	140°	0
1417	1408	1393	1372	1354	1235	932	461	180	164	166	142.5°	0
1413	1403	1381	1359	1336	1207	856	310	162	155	156	145°	0
1421	1404	1382	1357	1330	1183	777	216	153	145	147	147.5°	0
1448	1432	1406	1374	1345	1169	693	179	144	137	137	150°	0
1513	1492	1457	1419	1384	1178	618	163	137	130	130	152.5°	0
1618	1593	1552	1509	1463	1222	533	157	132	122	120	155°	0
1798	1765	1711	1660	1605	1298	447	153	126	117	113	157.5°	0
2081	2032	1968	1901	1834	1437	379	149	122	113	109	160°	0
2445	2412	2332	2244	2164	1714	340	146	119	108	105	162.5°	0
2909	2855	2792	2713	2618	2073	336	145	116	104	102	165°	0
3399	3378	3271	3222	3119	2551	409	147	114	101	98	167.5°	0
3958	3966	3866	3812	3727	3157	651	153	114	98	95	170°	0
4689	4702	4584	4520	4448	3836	1023	163	117	95	92	172.5°	0
5288	5218	5142	5030	4939	4215	985	181	121	92	89	175°	0
5350	5300	5204	5083	4972	4217	860	187	122	91	88	177.5°	0
5342	5253	5144	5042	4933	4109	665	195	125	89	86	180°	0
4972	4847	4741	4600	4486	3677	409	194	121	83	81		
4100	4036	3910	3797	3678	2976	280	173	107	75	76		
2652	2579	2451	2387	2320	1904	218	141	91	67	70		
885	856	809	835	796	742	160	107	73	58	62		
265	259	268	252	267	226	105	75	56	50	55		
157	155	155	155	151	141	69	52	43	42	46		
96	94	95	94	96	86	47	36	32	31	37		
55	55	56	54	55	53	33	23	21	20	27		
13	13	10	9	10	14	9	7	6	5	9		
0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0		

'226865  
 IST-AF-1200-LED-E1-SL2-7060

REPORT NUMBER: P226865  
 CATALOG NUMBER: IST-AF-12

**TION (continued):**

**CANDELA DISTRIBUTION (con**

87°	88°	89°	90°	95°	105°	115°	125°	135°	145°		155°	165°
0	0	0	0	0	0	0	0	0	0	0°	1401	1401
0	0	0	0	0	0	0	0	0	0	2.5°	1391	1384
0	0	0	0	0	0	0	0	0	0	5°	1312	1293
0	0	0	0	0	0	0	0	0	0	7.5°	1198	1176
0	0	0	0	0	0	0	0	0	0	10°	1068	1035
0	0	0	0	0	0	0	0	0	0	12.5°	902	837
0	0	0	0	0	0	0	0	0	0	15°	710	623
0	0	0	0	0	0	0	0	0	0	17.5°	489	419
0	0	0	0	0	0	0	0	0	0	20°	343	317
0	0	0	0	0	0	0	0	0	0	22.5°	265	266
0	0	0	0	0	0	0	0	0	0	25°	220	230
0	0	0	0	0	0	0	0	0	0	27.5°	194	204
0	0	0	0	0	0	0	0	0	0	30°	178	187
0	0	0	0	0	0	0	0	0	0	32.5°	167	171
0	0	0	0	0	0	0	0	0	0	35°	154	156
0	0	0	0	0	0	0	0	0	0	37.5°	143	143
0	0	0	0	0	0	0	0	0	0	40°	133	132
0	0	0	0	0	0	0	0	0	0	42.5°	124	123
0	0	0	0	0	0	0	0	0	0	45°	115	116
0	0	0	0	0	0	0	0	0	0	47.5°	110	111
0	0	0	0	0	0	0	0	0	0	50°	105	106
0	0	0	0	0	0	0	0	0	0	52.5°	101	101
0	0	0	0	0	0	0	0	0	0	55°	97	96
0	0	0	0	0	0	0	0	0	0	57.5°	94	92
0	0	0	0	0	0	0	0	0	0	60°	91	89
0	0	0	0	0	0	0	0	0	0	62.5°	89	86
0	0	0	0	0	0	0	0	0	0	65°	87	85
0	0	0	0	0	0	0	0	0	0	66°	86	84
0	0	0	0	0	0	0	0	0	0	67.5°	85	83
										70°	81	79
										72.5°	75	74
										75°	69	67
										77.5°	61	60
										80°	52	51
										82.5°	44	42
										85°	35	33
										87.5°	24	22
										90°	6	7
										92.5°	0	0
										95°	0	0
										97.5°	0	0
										100°	0	0
										102.5°	0	0
										105°	0	0
										107.5°	0	0



REPORT NUMBER: P226865

CATALOG NUMBER: IST-AF-1200-LED-E1

00-LED-E1-SL2-7060

**tinued):**

175°	180°
1401	1401
1378	1387
1287	1284
1158	1159
1002	1004
800	788
573	578
399	398
320	322
274	274
244	244
215	216
195	197
177	178
159	160
144	144
134	135
127	127
120	120
114	116
108	109
102	103
96	96
91	91
87	86
84	82
81	80
80	79
79	78
77	76
74	73
68	66
62	60
57	54
48	46
35	33
21	21
5	5
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

**CANDELA DISTRIBUTION (continued):**

	155°	165°	175°
110°	0	0	0
112.5°	0	0	0
115°	0	0	0
117.5°	0	0	0
120°	0	0	0
122.5°	0	0	0
125°	0	0	0
127.5°	0	0	0
130°	0	0	0
132.5°	0	0	0
135°	0	0	0
137.5°	0	0	0
140°	0	0	0
142.5°	0	0	0
145°	0	0	0
147.5°	0	0	0
150°	0	0	0
152.5°	0	0	0
155°	0	0	0
157.5°	0	0	0
160°	0	0	0
162.5°	0	0	0
165°	0	0	0
167.5°	0	0	0
170°	0	0	0
172.5°	0	0	0
175°	0	0	0
177.5°	0	0	0
180°	0	0	0

