



|    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4  | .77 | .64 | .54 | .47 | .75 | .62 | .53 | .43 | .60 | .52 | .45 | .57 | .50 | .44 | .54 | .48 | .44 | .41 |
| 5  | .71 | .57 | .47 | .40 | .69 | .56 | .46 | .37 | .53 | .45 | .39 | .51 | .44 | .38 | .49 | .42 | .37 | .35 |
| 6  | .65 | .51 | .41 | .34 | .63 | .50 | .41 | .32 | .48 | .40 | .34 | .46 | .39 | .33 | .44 | .38 | .33 | .30 |
| 7  | .61 | .46 | .37 | .30 | .59 | .45 | .36 | .29 | .43 | .35 | .30 | .42 | .34 | .29 | .40 | .34 | .29 | .27 |
| 8  | .56 | .42 | .33 | .27 | .55 | .41 | .33 | .25 | .40 | .32 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .24 |
| 9  | .53 | .38 | .30 | .24 | .51 | .38 | .29 | .23 | .36 | .29 | .24 | .35 | .28 | .23 | .34 | .28 | .23 | .21 |
| 10 | .49 | .35 | .27 | .22 | .48 | .35 | .27 | .21 | .34 | .26 | .21 | .32 | .26 | .21 | .31 | .25 | .21 | .19 |

Candela Table - Type C

|    | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300  | 310  | 320  | 330  | 340  | 350  | 360  |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0  | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 | 1316 |      |      |
| 3  | 1314 | 1314 | 1314 | 1314 | 1314 | 1314 | 1314 | 1315 | 1315 | 1315 | 1314 | 1314 | 1314 | 1313 | 1312 | 1311 | 1311 | 1310 | 1310 | 1310 | 1310 | 1311 | 1311 | 1312 | 1312 | 1313 | 1314 | 1315 | 1315 | 1316 | 1316 | 1316 | 1315 | 1315 | 1315 | 1314 | 1314 | 1314 | 1314 |      |
| 6  | 1308 | 1308 | 1309 | 1309 | 1309 | 1309 | 1310 | 1311 | 1311 | 1312 | 1312 | 1311 | 1310 | 1309 | 1308 | 1307 | 1305 | 1302 | 1301 | 1300 | 1300 | 1301 | 1301 | 1303 | 1305 | 1307 | 1309 | 1310 | 1311 | 1311 | 1310 | 1309 | 1309 | 1308 | 1308 | 1307 | 1308 | 1308 | 1307 | 1308 |
| 9  | 1300 | 1300 | 1301 | 1301 | 1301 | 1302 | 1303 | 1305 | 1307 | 1309 | 1308 | 1306 | 1304 | 1302 | 1301 | 1298 | 1296 | 1293 | 1292 | 1290 | 1290 | 1289 | 1290 | 1292 | 1295 | 1297 | 1299 | 1300 | 1301 | 1301 | 1301 | 1299 | 1298 | 1297 | 1298 | 1299 | 1300 | 1300 | 1300 |      |
| 12 | 1288 | 1288 | 1288 | 1290 | 1293 | 1293 | 1293 | 1302 | 1305 | 1301 | 1296 | 1293 | 1293 | 1291 | 1286 | 1281 | 1279 | 1279 | 1277 | 1277 | 1280 | 1283 | 1286 | 1288 | 1288 | 1289 | 1289 | 1290 | 1289 | 1289 | 1289 | 1288 | 1285 | 1282 | 1282 | 1285 | 1288 | 1288 | 1288 |      |
| 15 | 1266 | 1265 | 1268 | 1274 | 1281 | 1283 | 1282 | 1287 | 1295 | 1298 | 1289 | 1278 | 1276 | 1279 | 1276 | 1268 | 1261 | 1256 | 1256 | 1255 | 1259 | 1263 | 1266 | 1270 | 1273 | 1276 | 1278 | 1279 | 1277 | 1277 | 1276 | 1273 | 1265 | 1261 | 1262 | 1263 | 1266 | 1266 | 1266 |      |
| 18 | 1238 | 1240 | 1241 | 1253 | 1263 | 1268 | 1268 | 1273 | 1283 | 1285 | 1275 | 1259 | 1256 | 1260 | 1254 | 1244 | 1235 | 1231 | 1226 | 1231 | 1236 | 1246 | 1249 | 1252 | 1255 | 1259 | 1265 | 1268 | 1266 | 1263 | 1265 | 1259 | 1245 | 1239 | 1238 | 1240 | 1238 | 1238 | 1238 |      |
| 21 | 1207 | 1214 | 1220 | 1228 | 1240 | 1245 | 1251 | 1256 | 1260 | 1263 | 1260 | 1248 | 1238 | 1237 | 1229 | 1215 | 1208 | 1202 | 1195 | 1201 | 1209 | 1221 | 1227 | 1228 | 1234 | 1239 | 1247 | 1254 | 1252 | 1249 | 1252 | 1242 | 1225 | 1219 | 1219 | 1214 | 1207 | 1207 | 1207 |      |
| 24 | 1177 | 1188 | 1196 | 1197 | 1214 | 1224 | 1236 | 1238 | 1235 | 1239 | 1247 | 1241 | 1221 | 1213 | 1201 | 1178 | 1176 | 1173 | 1168 | 1171 | 1172 | 1177 | 1193 | 1199 | 1208 | 1217 | 1227 | 1233 | 1234 | 1230 | 1227 | 1215 | 1198 | 1195 | 1198 | 1188 | 1177 | 1177 | 1177 |      |
| 27 | 1148 | 1153 | 1160 | 1171 | 1190 | 1202 | 1220 | 1221 | 1219 | 1222 | 1226 | 1220 | 1197 | 1182 | 1174 | 1147 | 1137 | 1138 | 1146 | 1139 | 1129 | 1139 | 1163 | 1170 | 1184 | 1198 | 1209 | 1205 | 1211 | 1206 | 1195 | 1183 | 1173 | 1169 | 1163 | 1155 | 1148 | 1148 | 1148 |      |
| 30 | 1113 | 1109 | 1124 | 1143 | 1157 | 1169 | 1192 | 1198 | 1204 | 1206 | 1198 | 1189 | 1169 | 1148 | 1142 | 1117 | 1100 | 1095 | 1115 | 1097 | 1092 | 1108 | 1134 | 1141 | 1160 | 1181 | 1190 | 1178 | 1187 | 1183 | 1165 | 1151 | 1145 | 1135 | 1120 | 1112 | 1113 | 1113 | 1113 | 1113 |
| 33 | 1065 | 1069 | 1089 | 1108 | 1119 | 1134 | 1158 | 1170 | 1178 | 1185 | 1173 | 1160 | 1146 | 1123 | 1111 | 1085 | 1060 | 1047 | 1062 | 1044 | 1054 | 1077 | 1103 | 1112 | 1134 | 1155 | 1161 | 1158 | 1163 | 1159 | 1135 | 1121 | 1114 | 1095 | 1077 | 1068 | 1065 | 1065 | 1065 | 1065 |
| 36 | 1015 | 1034 | 1048 | 1065 | 1080 | 1104 | 1126 | 1146 | 1148 | 1157 | 1150 | 1135 | 1119 | 1091 | 1075 | 1051 | 1014 | 999  | 1004 | 991  | 1011 | 1045 | 1066 | 1078 | 1104 | 1123 | 1127 | 1137 | 1136 | 1134 | 1107 | 1090 | 1080 | 1053 | 1032 | 1028 | 1015 | 1015 | 1015 | 1015 |
| 39 | 974  | 990  | 1000 | 1015 | 1044 | 1077 | 1095 | 1118 | 1126 | 1124 | 1124 | 1106 | 1079 | 1048 | 1024 | 1003 | 973  | 950  | 960  | 944  | 971  | 1002 | 1018 | 1039 | 1070 | 1092 | 1102 | 1109 | 1107 | 1107 | 1076 | 1055 | 1040 | 1001 | 988  | 984  | 974  | 974  | 974  | 974  |
| 42 | 934  | 934  | 948  | 974  | 1010 | 1044 | 1067 | 1080 | 1102 | 1093 | 1092 | 1070 | 1042 | 1010 | 979  | 950  | 928  | 897  | 918  | 898  | 928  | 949  | 974  | 1002 | 1037 | 1059 | 1080 | 1078 | 1076 | 1073 | 1044 | 1021 | 1002 | 959  | 940  | 932  | 934  | 934  | 934  | 934  |
| 45 | 884  | 875  | 902  | 927  | 967  | 1004 | 1032 | 1045 | 1069 | 1066 | 1059 | 1038 | 1015 | 985  | 945  | 896  | 879  | 844  | 866  | 845  | 874  | 893  | 941  | 972  | 999  | 1026 | 1049 | 1051 | 1042 | 1036 | 1010 | 989  | 961  | 918  | 894  | 875  | 884  | 884  | 884  | 884  |
| 48 | 822  | 822  | 859  | 874  | 919  | 960  | 993  | 1014 | 1033 | 1039 | 1026 | 1010 | 985  | 947  | 910  | 852  | 828  | 793  | 806  | 791  | 820  | 850  | 909  | 938  | 960  | 994  | 1016 | 1021 | 1007 | 1002 | 974  | 952  | 914  | 872  | 850  | 820  | 822  | 822  | 822  | 822  |
| 51 | 753  | 775  | 803  | 826  | 875  | 916  | 958  | 982  | 1006 | 1005 | 996  | 978  | 947  | 898  | 859  | 813  | 764  | 745  | 741  | 745  | 755  | 809  | 856  | 897  | 928  | 959  | 988  | 980  | 979  | 968  | 937  | 909  | 862  | 819  | 793  | 767  | 753  | 753  | 753  | 753  |
| 54 | 690  | 719  | 752  | 779  | 830  | 874  | 920  | 949  | 976  | 970  | 964  | 944  | 909  | 860  | 800  | 756  | 708  | 691  | 676  | 694  | 697  | 747  | 792  | 859  | 894  | 925  | 957  | 941  | 951  | 933  | 902  | 865  | 810  | 763  | 743  | 705  | 690  | 690  | 690  | 690  |
| 57 | 640  | 655  | 695  | 735  | 792  | 833  | 881  | 913  | 938  | 940  | 933  | 909  | 873  | 824  | 757  | 694  | 648  | 631  | 613  | 633  | 637  | 688  | 748  | 815  | 855  | 891  | 920  | 916  | 917  | 897  | 867  | 818  | 769  | 719  | 687  | 645  | 640  | 640  | 640  |      |
| 60 | 586  | 593  | 633  | 683  | 747  | 793  | 842  | 876  | 895  | 911  | 903  | 872  | 828  | 775  | 712  | 631  | 595  | 567  | 549  | 565  | 590  | 635  | 706  | 767  | 814  | 856  | 879  | 892  | 876  | 859  | 824  | 772  | 723  | 665  | 624  | 591  | 586  | 586  | 586  |      |
| 63 | 511  | 533  | 576  | 631  | 697  | 752  | 806  | 842  | 859  | 879  | 869  | 837  | 786  | 725  | 655  | 581  | 549  | 503  | 482  | 501  | 549  | 591  | 650  | 722  | 777  | 822  | 843  | 856  | 842  | 821  | 784  | 733  | 673  | 611  | 567  | 532  | 511  | 511  | 511  | 511  |
| 66 | 436  | 464  | 516  | 586  | 654  | 714  | 768  | 807  | 828  | 844  | 831  | 800  | 746  | 687  | 612  | 546  | 489  | 436  | 415  | 438  | 487  | 546  | 606  | 683  | 735  | 783  | 811  | 814  | 813  | 783  | 747  | 696  | 629  | 566  | 504  | 459  | 436  | 436  | 436  |      |
| 69 | 379  | 400  | 467  | 532  | 606  | 675  | 730  | 769  | 798  | 805  | 791  | 762  | 704  | 649  | 576  | 501  | 432  | 370  | 348  | 375  | 428  | 495  | 570  | 640  | 690  | 741  | 781  | 776  | 781  | 747  | 708  | 654  | 583  | 512  | 448  | 394  | 379  | 379  | 379  |      |
| 72 | 326  | 344  | 415  | 482  | 560  | 634  | 691  | 731  | 768  | 767  | 757  | 724  | 670  | 607  | 541  | 455  | 381  | 307  | 283  | 313  | 375  | 448  | 533  | 600  | 653  | 704  | 750  | 742  | 748  | 712  | 669  | 614  | 542  | 462  | 396  | 339  | 326  | 326  | 326  |      |
| 75 | 258  | 286  | 357  | 434  | 513  | 597  | 650  | 694  | 733  | 730  | 725  | 687  | 637  | 572  | 499  | 408  | 326  | 248  | 218  | 251  | 321  | 405  | 483  | 568  | 619  | 669  | 714  | 708  | 710  | 677  | 630  | 575  | 496  | 415  | 346  | 280  | 258  | 258  | 258  |      |
| 78 | 185  | 226  | 306  | 391  | 476  | 554  | 609  | 658  | 693  | 694  | 693  | 649  | 600  | 533  | 462  | 369  | 276  | 193  | 155  | 193  | 273  | 364  | 443  | 532  | 582  | 632  | 674  | 675  | 672  | 639  | 589  | 528  | 459  | 373  | 298  | 219  | 185  | 185  | 185  |      |
| 81 | 131  | 176  | 271  | 357  | 442  | 518  | 576  | 632  | 661  | 660  | 655  | 615  | 563  | 488  | 415  | 329  | 232  | 137  | 93   | 138  | 233  | 318  | 401  | 482  | 539  | 593  | 625  | 640  | 629  | 603  | 549  | 487  | 426  | 345  | 263  | 172  | 131  | 131  | 131  |      |
| 84 | 79   | 138  | 225  | 319  | 395  | 489  | 547  | 595  | 629  | 623  | 612  | 588  | 533  | 455  | 374  | 299  | 191  | 102  | 49   | 105  | 196  | 287  | 363  | 443  | 512  | 561  | 592  | 607  | 598  | 575  | 521  | 453  | 379  | 313  | 216  | 129  | 79   | 79   | 79   |      |
| 87 | 36   | 99   | 183  | 282  | 361  | 447  | 517  | 554  | 595  | 588  | 577  | 546  | 497  | 420  | 349  | 256  | 157  | 70   | 18   | 73   | 164  | 244  | 337  | 410  | 486  | 523  | 561  | 579  | 558  | 534  | 491  | 418  | 345  | 269  | 182  | 90   | 36   | 36   | 36   |      |
| 90 | 13   | 69   | 156  | 254  | 332  | 401  | 480  | 515  | 556  | 552  | 549  | 510  | 463  | 379  | 319  | 212  | 132  | 46   | 3    | 53   | 136  | 220  | 301  | 373  | 449  | 486  | 543  | 545  | 527  | 495  | 440  | 375  | 319  | 235  | 148  | 62   | 13   | 13   | 13   |      |
| 93 | 1    | 20   | 62   | 101  | 116  | 157  | 181  | 230  | 198  | 213  | 207  | 244  | 201  | 185  | 144  | 116  | 71   | 19   | 1    | 21   | 80   | 134  | 177  | 237  | 271  | 325  | 291  | 297  | 272  |      |      |      |      |      |      |      |      |      |      |      |

FILE: CREATED USING ABSOLUTE PHOTOMETRY  
FILE: CANDELA MULTIPLIER: 1  
FILE: VERTICAL ANGLES: 61, HORIZONTAL ANGLES: 37  
FILE: COORDINATE SYSTEM: TYPE C  
FILE: UNIT OF MEASURE: METRIC  
FILE: BALLAST FACTOR: 1

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