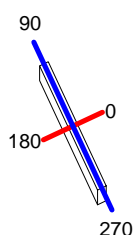


| Luminaire                  |                       | Measurement                 |                       | Lamp         |            |       |
|----------------------------|-----------------------|-----------------------------|-----------------------|--------------|------------|-------|
| Code                       | [TEST] 599.2001.1.31  | Code                        | [TEST] 599.2001.1.31  | Code         |            |       |
| Name                       | [TESTDATE] 2006-10-06 | Name                        | [TESTDATE] 2006-10-06 | Number       | 1          |       |
| Line                       | IESNA                 | Date                        | 01-01-0098            | Position     |            |       |
| Efficiency                 | 55.49%                | Coordinate system           | C-G                   | Total Flux   | 1900.00 lm |       |
| Maximum value              | 262.58 cd/klm         | Position                    | C=90.00 G=165.00      | Asymmetrical |            |       |
| Rectangular Luminaire      | Length                | 924 mm                      | Width                 | 65 mm        | Height     | 85 mm |
| Rectangular Luminous Area  | Length                | 924 mm                      | Width                 | 65 mm        | Height     | 85 mm |
| Horizontal Luminous Area   | 0.060060 m2           | Emitting area on Plane 180° |                       | 0.078540 m2  |            |       |
| Emitting area on Plane 0°  | 0.078540 m2           | Emitting area on Plane 270° |                       | 0.005525 m2  |            |       |
| Emitting area on Plane 90° | 0.005525 m2           | Glare area at 76°           |                       | 0.090737 m2  |            |       |
| Symmetry Type              | Asymmetrical          | Maximum Gamma Angle         |                       | 180          |            |       |
| Measurement Distance       | 0.00                  | Measurement Flux            |                       | 1900.00 lm   |            |       |
| Operator                   | Source Voltage        |                             |                       |              |            |       |
| Temperature                | Source Current        |                             |                       |              |            |       |
| Humidity                   | Photocell             |                             |                       |              |            |       |
| Notes                      |                       |                             |                       |              |            |       |

| Luminaire Lamps |                    | Flux[lm]   |                    | Pow.[w] |   | Qta |  |
|-----------------|--------------------|------------|--------------------|---------|---|-----|--|
| Line            | Code               | Name       |                    |         |   |     |  |
| IESNA           |                    | (21 W)     | 1900.00            | 21.0    | 1 |     |  |
| C.I.E.          | 32 57 80 0 55      | D DIN 5040 | Non classificabile |         |   |     |  |
| F UTE           | Non classificabile | B NBN      | BZ 6 / 1.25 / BZ 7 |         |   |     |  |

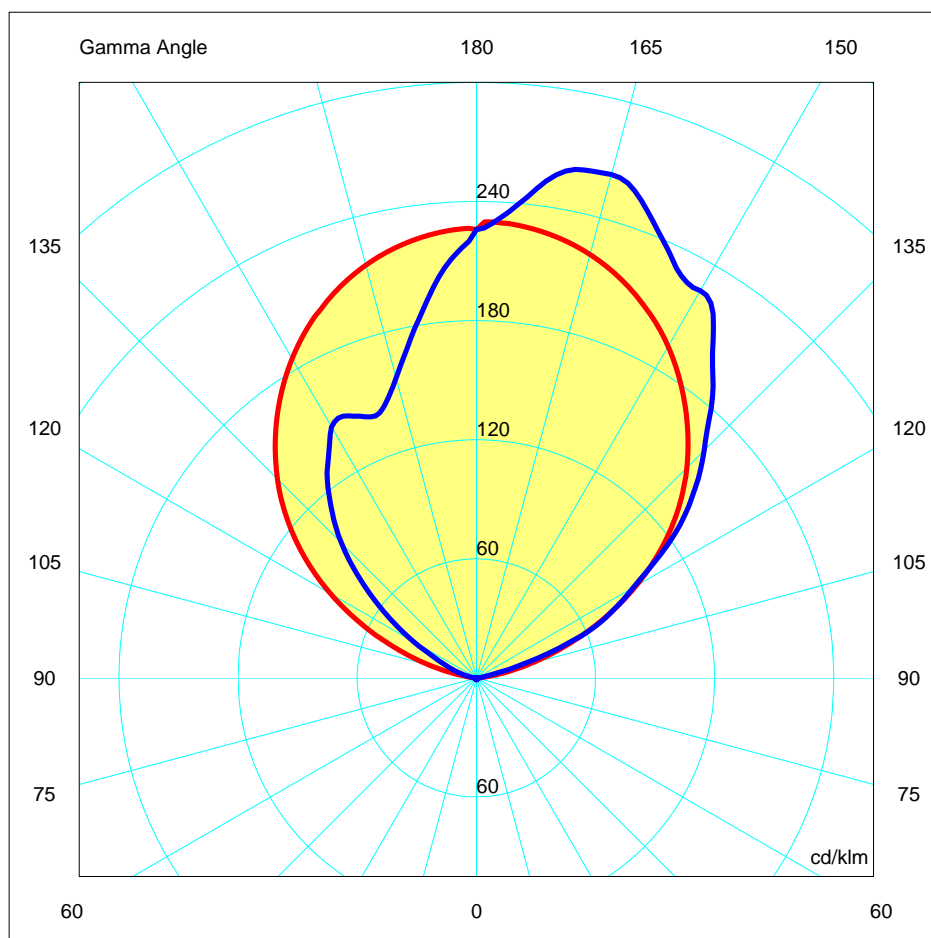
924mm x 65mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 55.26 %  
DLOR 0.24 %  
RN 99.58 %



| Luminaire                       |                       | Measurement       |                       |           |            | Lamp       |          |          |
|---------------------------------|-----------------------|-------------------|-----------------------|-----------|------------|------------|----------|----------|
| Code                            | [TEST] 599.2001.1.31  | Code              | [TEST] 599.2001.1.31  |           |            | Code       |          |          |
| Name                            | [TESTDATE] 2006-10-06 | Name              | [TESTDATE] 2006-10-06 |           |            | Number     | 1        |          |
| Line                            | IESNA                 | Date              | 01-01-0098            |           |            | Position   |          |          |
| Efficiency                      | 55.49%                | Coordinate system | C-G                   |           | Total Flux | 1900.00 lm |          |          |
| Luminous Intensity Table cd/klm |                       |                   |                       | Table 1/5 |            |            |          |          |
|                                 | C 0.00                | C 45.00           | C 90.00               | C 135.00  | C 180.00   | C 225.00   | C 270.00 | C 315.00 |
| G 0.0                           | 0.74                  | 0.74              | 0.74                  | 0.74      | 0.74       | 0.74       | 0.74     | 0.74     |
| G 0.5                           | 0.68                  | 0.68              | 0.74                  | 0.68      | 0.63       | 0.68       | 0.63     | 0.74     |
| G 1.0                           | 0.74                  | 0.68              | 0.68                  | 0.63      | 0.68       | 0.63       | 0.74     | 0.68     |
| G 1.5                           | 0.68                  | 0.63              | 0.68                  | 0.63      | 0.63       | 0.63       | 0.74     | 0.63     |
| G 2.0                           | 0.63                  | 0.63              | 0.68                  | 0.63      | 0.63       | 0.68       | 0.68     | 0.74     |
| G 2.5                           | 0.68                  | 0.63              | 0.68                  | 0.58      | 0.63       | 0.63       | 0.74     | 0.63     |
| G 3.0                           | 0.68                  | 0.63              | 0.63                  | 0.63      | 0.63       | 0.68       | 0.74     | 0.74     |
| G 3.5                           | 0.68                  | 0.68              | 0.63                  | 0.63      | 0.63       | 0.63       | 0.68     | 0.63     |
| G 4.0                           | 0.63                  | 0.63              | 0.63                  | 0.63      | 0.68       | 0.68       | 0.74     | 0.63     |
| G 4.5                           | 0.63                  | 0.63              | 0.63                  | 0.63      | 0.63       | 0.63       | 0.68     | 0.68     |
| G 5.0                           | 0.68                  | 0.63              | 0.63                  | 0.63      | 0.63       | 0.68       | 0.68     | 0.68     |
| G 5.5                           | 0.63                  | 0.58              | 0.63                  | 0.63      | 0.63       | 0.68       | 0.63     | 0.63     |
| G 6.0                           | 0.74                  | 0.63              | 0.63                  | 0.58      | 0.63       | 0.68       | 0.74     | 0.63     |
| G 6.5                           | 0.63                  | 0.63              | 0.63                  | 0.58      | 0.63       | 0.63       | 0.74     | 0.68     |
| G 7.0                           | 0.63                  | 0.63              | 0.58                  | 0.63      | 0.63       | 0.63       | 0.74     | 0.68     |
| G 7.5                           | 0.63                  | 0.63              | 0.58                  | 0.63      | 0.58       | 0.63       | 0.63     | 0.63     |
| G 8.0                           | 0.63                  | 0.63              | 0.58                  | 0.58      | 0.63       | 0.63       | 0.68     | 0.68     |
| G 8.5                           | 0.63                  | 0.63              | 0.58                  | 0.58      | 0.58       | 0.63       | 0.63     | 0.68     |
| G 9.0                           | 0.68                  | 0.63              | 0.58                  | 0.58      | 0.63       | 0.58       | 0.68     | 0.63     |
| G 9.5                           | 0.63                  | 0.58              | 0.63                  | 0.53      | 0.63       | 0.63       | 0.63     | 0.74     |
| G 10.0                          | 0.58                  | 0.58              | 0.63                  | 0.58      | 0.63       | 0.63       | 0.63     | 0.63     |
| G 10.5                          | 0.63                  | 0.58              | 0.63                  | 0.58      | 0.63       | 0.68       | 0.68     | 0.63     |
| G 11.0                          | 0.63                  | 0.58              | 0.58                  | 0.58      | 0.58       | 0.63       | 0.68     | 0.63     |
| G 11.5                          | 0.63                  | 0.58              | 0.58                  | 0.63      | 0.63       | 0.63       | 0.63     | 0.63     |
| G 12.0                          | 0.63                  | 0.58              | 0.58                  | 0.58      | 0.63       | 0.58       | 0.63     | 0.63     |
| G 12.5                          | 0.58                  | 0.68              | 0.58                  | 0.58      | 0.63       | 0.63       | 0.63     | 0.63     |
| G 13.0                          | 0.58                  | 0.58              | 0.53                  | 0.53      | 0.58       | 0.58       | 0.63     | 0.68     |
| G 13.5                          | 0.58                  | 0.58              | 0.53                  | 0.53      | 0.63       | 0.63       | 0.63     | 0.63     |
| G 14.0                          | 0.63                  | 0.58              | 0.53                  | 0.58      | 0.58       | 0.58       | 0.58     | 0.58     |
| G 14.5                          | 0.63                  | 0.53              | 0.47                  | 0.47      | 0.58       | 0.63       | 0.63     | 0.63     |
| G 15.0                          | 0.58                  | 0.58              | 0.58                  | 0.53      | 0.63       | 0.58       | 0.63     | 0.58     |
| G 15.5                          | 0.58                  | 0.58              | 0.53                  | 0.53      | 0.58       | 0.58       | 0.63     | 0.63     |
| G 16.0                          | 0.58                  | 0.47              | 0.47                  | 0.47      | 0.58       | 0.58       | 0.63     | 0.58     |
| G 16.5                          | 0.58                  | 0.58              | 0.53                  | 0.53      | 0.58       | 0.63       | 0.63     | 0.58     |
| G 17.0                          | 0.58                  | 0.53              | 0.53                  | 0.53      | 0.58       | 0.58       | 0.58     | 0.58     |
| G 17.5                          | 0.58                  | 0.53              | 0.53                  | 0.53      | 0.58       | 0.58       | 0.58     | 0.63     |
| G 18.0                          | 0.63                  | 0.53              | 0.53                  | 0.53      | 0.58       | 0.63       | 0.63     | 0.53     |
| G 18.5                          | 0.58                  | 0.53              | 0.53                  | 0.53      | 0.58       | 0.58       | 0.58     | 0.58     |
| G 19.0                          | 0.58                  | 0.47              | 0.58                  | 0.53      | 0.58       | 0.63       | 0.58     | 0.58     |
| G 19.5                          | 0.58                  | 0.53              | 0.47                  | 0.53      | 0.58       | 0.58       | 0.58     | 0.58     |
| G 20.0                          | 0.53                  | 0.53              | 0.47                  | 0.53      | 0.53       | 0.53       | 0.58     | 0.58     |
| G 20.5                          | 0.63                  | 0.53              | 0.53                  | 0.53      | 0.58       | 0.58       | 0.63     | 0.58     |
| G 21.0                          | 0.53                  | 0.47              | 0.42                  | 0.47      | 0.58       | 0.53       | 0.53     | 0.53     |
| G 21.5                          | 0.53                  | 0.47              | 0.47                  | 0.47      | 0.58       | 0.53       | 0.63     | 0.53     |
| G 22.0                          | 0.53                  | 0.53              | 0.42                  | 0.47      | 0.58       | 0.53       | 0.58     | 0.53     |
| G 22.5                          | 0.53                  | 0.47              | 0.47                  | 0.53      | 0.53       | 0.58       | 0.63     | 0.58     |
| G 23.0                          | 0.47                  | 0.47              | 0.42                  | 0.47      | 0.53       | 0.58       | 0.58     | 0.53     |
| G 23.5                          | 0.53                  | 0.47              | 0.47                  | 0.47      | 0.53       | 0.63       | 0.63     | 0.53     |
| G 24.0                          | 0.53                  | 0.47              | 0.42                  | 0.47      | 0.53       | 0.53       | 0.53     | 0.53     |
| G 24.5                          | 0.53                  | 0.47              | 0.42                  | 0.47      | 0.47       | 0.53       | 0.58     | 0.53     |
| G 25.0                          | 0.53                  | 0.53              | 0.47                  | 0.42      | 0.53       | 0.53       | 0.53     | 0.53     |
| G 25.5                          | 0.53                  | 0.47              | 0.42                  | 0.47      | 0.53       | 0.53       | 0.53     | 0.53     |
| G 26.0                          | 0.42                  | 0.42              | 0.42                  | 0.37      | 0.53       | 0.53       | 0.53     | 0.47     |
| G 26.5                          | 0.53                  | 0.42              | 0.42                  | 0.47      | 0.53       | 0.58       | 0.53     | 0.47     |
| G 27.0                          | 0.53                  | 0.47              | 0.37                  | 0.42      | 0.53       | 0.53       | 0.53     | 0.47     |
| G 27.5                          | 0.53                  | 0.42              | 0.42                  | 0.42      | 0.53       | 0.53       | 0.53     | 0.53     |
| G 28.0                          | 0.53                  | 0.47              | 0.47                  | 0.47      | 0.53       | 0.47       | 0.53     | 0.53     |
| G 28.5                          | 0.53                  | 0.42              | 0.42                  | 0.42      | 0.53       | 0.53       | 0.53     | 0.53     |
| G 29.0                          | 0.47                  | 0.42              | 0.42                  | 0.42      | 0.47       | 0.53       | 0.47     | 0.47     |
| G 29.5                          | 0.47                  | 0.37              | 0.42                  | 0.42      | 0.47       | 0.47       | 0.53     | 0.53     |
| G 30.0                          | 0.47                  | 0.42              | 0.42                  | 0.42      | 0.53       | 0.47       | 0.53     | 0.47     |
| G 30.5                          | 0.42                  | 0.42              | 0.42                  | 0.42      | 0.47       | 0.47       | 0.47     | 0.53     |
| G 31.0                          | 0.42                  | 0.42              | 0.42                  | 0.42      | 0.47       | 0.53       | 0.58     | 0.53     |
| G 31.5                          | 0.47                  | 0.42              | 0.42                  | 0.42      | 0.53       | 0.47       | 0.53     | 0.53     |
| G 32.0                          | 0.53                  | 0.42              | 0.37                  | 0.37      | 0.47       | 0.47       | 0.53     | 0.47     |
| G 32.5                          | 0.47                  | 0.42              | 0.37                  | 0.42      | 0.47       | 0.47       | 0.47     | 0.47     |
| G 33.0                          | 0.47                  | 0.42              | 0.37                  | 0.42      | 0.47       | 0.47       | 0.47     | 0.42     |
| G 33.5                          | 0.42                  | 0.42              | 0.37                  | 0.42      | 0.42       | 0.47       | 0.47     | 0.47     |
| G 34.0                          | 0.47                  | 0.42              | 0.42                  | 0.37      | 0.42       | 0.47       | 0.47     | 0.47     |
| G 34.5                          | 0.42                  | 0.37              | 0.37                  | 0.37      | 0.42       | 0.42       | 0.42     | 0.47     |
| G 35.0                          | 0.42                  | 0.37              | 0.37                  | 0.37      | 0.42       | 0.42       | 0.42     | 0.42     |
| G 35.5                          | 0.47                  | 0.42              | 0.37                  | 0.37      | 0.37       | 0.42       | 0.47     | 0.42     |
| G 36.0                          | 0.42                  | 0.37              | 0.42                  | 0.42      | 0.42       | 0.42       | 0.47     | 0.42     |

| Luminaire                                 |                       | Measurement       |                       |          |          |          |          | Lamp       |            |
|-------------------------------------------|-----------------------|-------------------|-----------------------|----------|----------|----------|----------|------------|------------|
| Code                                      | [TEST] 599.2001.1.31  | Code              | [TEST] 599.2001.1.31  |          |          |          |          | Code       |            |
| Name                                      | [TESTDATE] 2006-10-06 | Name              | [TESTDATE] 2006-10-06 |          |          |          |          | Number     | 1          |
| Line                                      | IESNA                 | Date              | 01-01-0098            |          |          |          |          | Position   |            |
| Efficiency                                | 55.49%                | Coordinate system | C-G                   |          |          |          |          | Total Flux | 1900.00 lm |
| Luminous Intensity Table cd/klm Table 2/5 |                       |                   |                       |          |          |          |          |            |            |
|                                           | C 0.00                | C 45.00           | C 90.00               | C 135.00 | C 180.00 | C 225.00 | C 270.00 | C 315.00   |            |
| G 36.5                                    | 0.42                  | 0.32              | 0.32                  | 0.37     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 37.0                                    | 0.47                  | 0.37              | 0.37                  | 0.37     | 0.37     | 0.42     | 0.47     | 0.42       |            |
| G 37.5                                    | 0.42                  | 0.32              | 0.37                  | 0.37     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 38.0                                    | 0.42                  | 0.42              | 0.37                  | 0.32     | 0.37     | 0.42     | 0.42     | 0.42       |            |
| G 38.5                                    | 0.42                  | 0.42              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 39.0                                    | 0.42                  | 0.32              | 0.37                  | 0.37     | 0.47     | 0.42     | 0.42     | 0.47       |            |
| G 39.5                                    | 0.42                  | 0.37              | 0.32                  | 0.37     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 40.0                                    | 0.42                  | 0.26              | 0.37                  | 0.26     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 40.5                                    | 0.37                  | 0.32              | 0.32                  | 0.37     | 0.37     | 0.42     | 0.42     | 0.37       |            |
| G 41.0                                    | 0.37                  | 0.37              | 0.37                  | 0.32     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 41.5                                    | 0.37                  | 0.37              | 0.32                  | 0.32     | 0.42     | 0.42     | 0.42     | 0.37       |            |
| G 42.0                                    | 0.37                  | 0.32              | 0.26                  | 0.32     | 0.42     | 0.37     | 0.37     | 0.37       |            |
| G 42.5                                    | 0.42                  | 0.26              | 0.32                  | 0.26     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 43.0                                    | 0.42                  | 0.37              | 0.32                  | 0.32     | 0.37     | 0.42     | 0.42     | 0.42       |            |
| G 43.5                                    | 0.42                  | 0.32              | 0.37                  | 0.32     | 0.42     | 0.37     | 0.42     | 0.42       |            |
| G 44.0                                    | 0.37                  | 0.37              | 0.26                  | 0.37     | 0.37     | 0.42     | 0.42     | 0.42       |            |
| G 44.5                                    | 0.42                  | 0.37              | 0.32                  | 0.37     | 0.37     | 0.42     | 0.42     | 0.42       |            |
| G 45.0                                    | 0.42                  | 0.37              | 0.32                  | 0.32     | 0.42     | 0.37     | 0.37     | 0.37       |            |
| G 45.5                                    | 0.37                  | 0.37              | 0.26                  | 0.37     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 46.0                                    | 0.37                  | 0.37              | 0.26                  | 0.37     | 0.37     | 0.42     | 0.37     | 0.37       |            |
| G 46.5                                    | 0.42                  | 0.26              | 0.26                  | 0.37     | 0.42     | 0.37     | 0.42     | 0.42       |            |
| G 47.0                                    | 0.37                  | 0.37              | 0.26                  | 0.26     | 0.42     | 0.42     | 0.37     | 0.37       |            |
| G 47.5                                    | 0.42                  | 0.32              | 0.32                  | 0.32     | 0.42     | 0.37     | 0.37     | 0.42       |            |
| G 48.0                                    | 0.37                  | 0.32              | 0.32                  | 0.37     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 48.5                                    | 0.42                  | 0.32              | 0.26                  | 0.32     | 0.42     | 0.37     | 0.37     | 0.37       |            |
| G 49.0                                    | 0.37                  | 0.37              | 0.26                  | 0.37     | 0.42     | 0.42     | 0.42     | 0.37       |            |
| G 49.5                                    | 0.37                  | 0.37              | 0.32                  | 0.26     | 0.37     | 0.42     | 0.37     | 0.37       |            |
| G 50.0                                    | 0.42                  | 0.32              | 0.26                  | 0.37     | 0.42     | 0.37     | 0.42     | 0.42       |            |
| G 50.5                                    | 0.42                  | 0.37              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 51.0                                    | 0.37                  | 0.32              | 0.26                  | 0.37     | 0.42     | 0.37     | 0.42     | 0.42       |            |
| G 51.5                                    | 0.42                  | 0.37              | 0.32                  | 0.32     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 52.0                                    | 0.42                  | 0.32              | 0.32                  | 0.37     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 52.5                                    | 0.37                  | 0.37              | 0.26                  | 0.26     | 0.42     | 0.42     | 0.37     | 0.37       |            |
| G 53.0                                    | 0.42                  | 0.26              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 53.5                                    | 0.42                  | 0.37              | 0.37                  | 0.37     | 0.42     | 0.47     | 0.37     | 0.42       |            |
| G 54.0                                    | 0.42                  | 0.26              | 0.32                  | 0.37     | 0.47     | 0.42     | 0.37     | 0.37       |            |
| G 54.5                                    | 0.42                  | 0.37              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 55.0                                    | 0.37                  | 0.32              | 0.37                  | 0.32     | 0.42     | 0.37     | 0.42     | 0.42       |            |
| G 55.5                                    | 0.42                  | 0.37              | 0.37                  | 0.26     | 0.42     | 0.37     | 0.42     | 0.42       |            |
| G 56.0                                    | 0.42                  | 0.32              | 0.26                  | 0.32     | 0.37     | 0.42     | 0.42     | 0.37       |            |
| G 56.5                                    | 0.37                  | 0.32              | 0.32                  | 0.37     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 57.0                                    | 0.42                  | 0.37              | 0.32                  | 0.37     | 0.42     | 0.42     | 0.37     | 0.37       |            |
| G 57.5                                    | 0.42                  | 0.32              | 0.26                  | 0.37     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 58.0                                    | 0.42                  | 0.37              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 58.5                                    | 0.37                  | 0.32              | 0.26                  | 0.42     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 59.0                                    | 0.42                  | 0.26              | 0.26                  | 0.26     | 0.37     | 0.42     | 0.37     | 0.42       |            |
| G 59.5                                    | 0.42                  | 0.32              | 0.26                  | 0.26     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 60.0                                    | 0.37                  | 0.26              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 60.5                                    | 0.42                  | 0.32              | 0.26                  | 0.26     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 61.0                                    | 0.42                  | 0.37              | 0.37                  | 0.37     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 61.5                                    | 0.42                  | 0.32              | 0.26                  | 0.37     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 62.0                                    | 0.42                  | 0.37              | 0.26                  | 0.32     | 0.42     | 0.37     | 0.32     | 0.42       |            |
| G 62.5                                    | 0.42                  | 0.26              | 0.26                  | 0.37     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 63.0                                    | 0.42                  | 0.37              | 0.32                  | 0.26     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 63.5                                    | 0.42                  | 0.32              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.42     | 0.42       |            |
| G 64.0                                    | 0.42                  | 0.26              | 0.26                  | 0.42     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 64.5                                    | 0.37                  | 0.37              | 0.26                  | 0.26     | 0.42     | 0.37     | 0.42     | 0.42       |            |
| G 65.0                                    | 0.42                  | 0.32              | 0.26                  | 0.26     | 0.42     | 0.37     | 0.37     | 0.42       |            |
| G 65.5                                    | 0.37                  | 0.26              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.37     | 0.37       |            |
| G 66.0                                    | 0.42                  | 0.32              | 0.32                  | 0.26     | 0.37     | 0.42     | 0.37     | 0.47       |            |
| G 66.5                                    | 0.42                  | 0.26              | 0.26                  | 0.37     | 0.37     | 0.37     | 0.37     | 0.42       |            |
| G 67.0                                    | 0.42                  | 0.26              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.37     | 0.37       |            |
| G 67.5                                    | 0.42                  | 0.37              | 0.26                  | 0.32     | 0.37     | 0.42     | 0.37     | 0.37       |            |
| G 68.0                                    | 0.42                  | 0.26              | 0.26                  | 0.32     | 0.37     | 0.37     | 0.37     | 0.32       |            |
| G 68.5                                    | 0.42                  | 0.26              | 0.26                  | 0.26     | 0.42     | 0.37     | 0.32     | 0.37       |            |
| G 69.0                                    | 0.37                  | 0.32              | 0.26                  | 0.32     | 0.37     | 0.37     | 0.37     | 0.42       |            |
| G 69.5                                    | 0.42                  | 0.26              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.37     | 0.42       |            |
| G 70.0                                    | 0.37                  | 0.32              | 0.37                  | 0.26     | 0.37     | 0.37     | 0.37     | 0.37       |            |
| G 70.5                                    | 0.42                  | 0.32              | 0.26                  | 0.37     | 0.42     | 0.37     | 0.26     | 0.37       |            |
| G 71.0                                    | 0.37                  | 0.26              | 0.32                  | 0.26     | 0.32     | 0.37     | 0.32     | 0.42       |            |
| G 71.5                                    | 0.42                  | 0.26              | 0.26                  | 0.37     | 0.32     | 0.37     | 0.32     | 0.37       |            |
| G 72.0                                    | 0.37                  | 0.26              | 0.21                  | 0.26     | 0.42     | 0.37     | 0.32     | 0.37       |            |
| G 72.5                                    | 0.37                  | 0.32              | 0.26                  | 0.32     | 0.37     | 0.32     | 0.37     | 0.37       |            |

| Luminaire                                 |                       | Measurement       |                       |          |          |          |          | Lamp       |            |
|-------------------------------------------|-----------------------|-------------------|-----------------------|----------|----------|----------|----------|------------|------------|
| Code                                      | [TEST] 599.2001.1.31  | Code              | [TEST] 599.2001.1.31  |          |          |          |          | Code       |            |
| Name                                      | [TESTDATE] 2006-10-06 | Name              | [TESTDATE] 2006-10-06 |          |          |          |          | Number     | 1          |
| Line                                      | IESNA                 | Date              | 01-01-0098            |          |          |          |          | Position   |            |
| Efficiency                                | 55.49%                | Coordinate system |                       | C-G      |          |          |          | Total Flux | 1900.00 lm |
| Luminous Intensity Table cd/klm Table 3/5 |                       |                   |                       |          |          |          |          |            |            |
|                                           | C 0.00                | C 45.00           | C 90.00               | C 135.00 | C 180.00 | C 225.00 | C 270.00 | C 315.00   |            |
| G 73.0                                    | 0.37                  | 0.37              | 0.26                  | 0.32     | 0.42     | 0.42     | 0.26     | 0.37       |            |
| G 73.5                                    | 0.26                  | 0.32              | 0.26                  | 0.32     | 0.32     | 0.37     | 0.32     | 0.32       |            |
| G 74.0                                    | 0.42                  | 0.26              | 0.26                  | 0.32     | 0.37     | 0.37     | 0.26     | 0.42       |            |
| G 74.5                                    | 0.37                  | 0.26              | 0.32                  | 0.32     | 0.32     | 0.37     | 0.37     | 0.42       |            |
| G 75.0                                    | 0.37                  | 0.26              | 0.26                  | 0.32     | 0.42     | 0.37     | 0.37     | 0.37       |            |
| G 75.5                                    | 0.37                  | 0.26              | 0.26                  | 0.32     | 0.32     | 0.37     | 0.32     | 0.37       |            |
| G 76.0                                    | 0.37                  | 0.26              | 0.26                  | 0.26     | 0.37     | 0.37     | 0.26     | 0.37       |            |
| G 76.5                                    | 0.37                  | 0.26              | 0.32                  | 0.26     | 0.37     | 0.37     | 0.32     | 0.37       |            |
| G 77.0                                    | 0.37                  | 0.26              | 0.26                  | 0.32     | 0.37     | 0.37     | 0.26     | 0.37       |            |
| G 77.5                                    | 0.32                  | 0.26              | 0.26                  | 0.32     | 0.37     | 0.32     | 0.26     | 0.37       |            |
| G 78.0                                    | 0.37                  | 0.26              | 0.26                  | 0.26     | 0.37     | 0.37     | 0.26     | 0.37       |            |
| G 78.5                                    | 0.37                  | 0.26              | 0.21                  | 0.26     | 0.37     | 0.32     | 0.32     | 0.37       |            |
| G 79.0                                    | 0.37                  | 0.26              | 0.26                  | 0.32     | 0.32     | 0.37     | 0.26     | 0.37       |            |
| G 79.5                                    | 0.32                  | 0.21              | 0.26                  | 0.26     | 0.37     | 0.32     | 0.26     | 0.37       |            |
| G 80.0                                    | 0.32                  | 0.32              | 0.26                  | 0.26     | 0.26     | 0.37     | 0.26     | 0.37       |            |
| G 80.5                                    | 0.37                  | 0.26              | 0.26                  | 0.26     | 0.32     | 0.32     | 0.26     | 0.37       |            |
| G 81.0                                    | 0.32                  | 0.26              | 0.26                  | 0.32     | 0.26     | 0.32     | 0.26     | 0.37       |            |
| G 81.5                                    | 0.26                  | 0.26              | 0.26                  | 0.32     | 0.32     | 0.26     | 0.26     | 0.37       |            |
| G 82.0                                    | 0.32                  | 0.26              | 0.26                  | 0.26     | 0.26     | 0.32     | 0.26     | 0.37       |            |
| G 82.5                                    | 0.37                  | 0.26              | 0.26                  | 0.32     | 0.32     | 0.26     | 0.26     | 0.42       |            |
| G 83.0                                    | 0.26                  | 0.32              | 0.26                  | 0.32     | 0.32     | 0.26     | 0.26     | 0.37       |            |
| G 83.5                                    | 0.37                  | 0.26              | 0.26                  | 0.32     | 0.32     | 0.26     | 0.26     | 0.32       |            |
| G 84.0                                    | 0.32                  | 0.26              | 0.21                  | 0.26     | 0.32     | 0.26     | 0.26     | 0.37       |            |
| G 84.5                                    | 0.26                  | 0.21              | 0.26                  | 0.32     | 0.32     | 0.26     | 0.26     | 0.42       |            |
| G 85.0                                    | 0.26                  | 0.26              | 0.21                  | 0.26     | 0.26     | 0.26     | 0.26     | 0.26       |            |
| G 85.5                                    | 0.32                  | 0.26              | 0.26                  | 0.26     | 0.32     | 0.26     | 0.21     | 0.37       |            |
| G 86.0                                    | 0.26                  | 0.32              | 0.21                  | 0.26     | 0.26     | 0.26     | 0.26     | 0.37       |            |
| G 86.5                                    | 0.26                  | 0.26              | 0.26                  | 0.26     | 0.26     | 0.26     | 0.26     | 0.32       |            |
| G 87.0                                    | 0.26                  | 0.26              | 0.26                  | 0.26     | 0.26     | 0.32     | 0.21     | 0.37       |            |
| G 87.5                                    | 0.26                  | 0.26              | 0.21                  | 0.37     | 0.26     | 0.26     | 0.21     | 0.32       |            |
| G 88.0                                    | 0.26                  | 0.26              | 0.26                  | 0.26     | 0.26     | 0.32     | 0.26     | 0.32       |            |
| G 88.5                                    | 0.37                  | 0.32              | 0.21                  | 0.26     | 0.32     | 0.26     | 0.26     | 0.32       |            |
| G 89.0                                    | 0.26                  | 0.26              | 0.26                  | 0.32     | 0.26     | 0.26     | 0.21     | 0.26       |            |
| G 89.5                                    | 0.32                  | 0.37              | 0.37                  | 0.37     | 0.26     | 0.21     | 0.21     | 0.32       |            |
| G 90.0                                    | 0.32                  | 0.37              | 0.32                  | 0.42     | 0.26     | 0.26     | 0.21     | 0.32       |            |
| G 90.5                                    | 0.37                  | 0.47              | 0.37                  | 0.47     | 0.32     | 0.26     | 0.21     | 0.37       |            |
| G 91.0                                    | 0.37                  | 0.47              | 0.42                  | 0.42     | 0.32     | 0.26     | 0.26     | 0.37       |            |
| G 91.5                                    | 0.47                  | 0.58              | 0.42                  | 0.53     | 0.42     | 0.37     | 0.26     | 0.47       |            |
| G 92.0                                    | 0.53                  | 0.68              | 0.53                  | 0.63     | 0.42     | 0.47     | 0.37     | 0.53       |            |
| G 92.5                                    | 0.74                  | 0.84              | 0.63                  | 0.79     | 0.53     | 0.47     | 0.37     | 0.63       |            |
| G 93.0                                    | 0.89                  | 1.05              | 0.74                  | 0.89     | 0.63     | 0.63     | 0.42     | 0.74       |            |
| G 93.5                                    | 1.26                  | 1.16              | 0.89                  | 1.11     | 0.79     | 0.79     | 0.53     | 0.95       |            |
| G 94.0                                    | 1.63                  | 1.42              | 1.05                  | 1.26     | 0.95     | 0.95     | 0.58     | 1.16       |            |
| G 94.5                                    | 2.05                  | 1.53              | 1.26                  | 1.47     | 1.26     | 1.21     | 0.79     | 1.47       |            |
| G 95.0                                    | 2.63                  | 1.63              | 1.47                  | 1.53     | 1.53     | 1.53     | 0.95     | 1.68       |            |
| G 95.5                                    | 3.26                  | 1.84              | 1.63                  | 1.74     | 1.95     | 1.58     | 1.16     | 1.89       |            |
| G 96.0                                    | 3.95                  | 1.95              | 1.84                  | 1.89     | 2.47     | 1.84     | 1.42     | 2.00       |            |
| G 96.5                                    | 4.84                  | 2.16              | 2.11                  | 2.00     | 3.05     | 2.05     | 1.74     | 2.21       |            |
| G 97.0                                    | 5.68                  | 2.26              | 2.26                  | 2.21     | 3.74     | 2.26     | 2.11     | 2.47       |            |
| G 97.5                                    | 6.63                  | 2.58              | 2.47                  | 2.42     | 4.47     | 2.47     | 2.37     | 2.68       |            |
| G 98.0                                    | 7.63                  | 3.26              | 2.58                  | 3.00     | 5.21     | 2.63     | 2.63     | 3.05       |            |
| G 98.5                                    | 8.63                  | 4.26              | 2.79                  | 4.00     | 6.11     | 3.05     | 2.89     | 3.47       |            |
| G 99.0                                    | 9.79                  | 5.68              | 2.89                  | 5.32     | 7.05     | 3.42     | 3.16     | 3.89       |            |
| G 99.5                                    | 11.05                 | 7.21              | 3.16                  | 6.74     | 8.11     | 3.95     | 3.37     | 4.16       |            |
| G100.0                                    | 12.32                 | 8.84              | 3.26                  | 8.37     | 9.11     | 4.26     | 3.63     | 4.42       |            |
| G100.5                                    | 13.74                 | 10.68             | 3.42                  | 10.11    | 10.37    | 4.58     | 3.84     | 4.74       |            |
| G101.0                                    | 15.11                 | 12.63             | 3.63                  | 11.89    | 11.63    | 4.84     | 4.05     | 5.16       |            |
| G101.5                                    | 16.63                 | 14.53             | 4.16                  | 13.79    | 12.89    | 5.21     | 4.37     | 5.63       |            |
| G102.0                                    | 18.16                 | 16.68             | 4.95                  | 15.84    | 14.21    | 5.63     | 4.68     | 6.26       |            |
| G102.5                                    | 19.79                 | 18.84             | 6.21                  | 17.89    | 15.63    | 6.26     | 5.11     | 6.89       |            |
| G103.0                                    | 21.37                 | 21.05             | 7.89                  | 20.05    | 17.00    | 6.84     | 5.68     | 7.63       |            |
| G103.5                                    | 23.05                 | 23.47             | 9.74                  | 22.37    | 18.63    | 7.58     | 6.26     | 8.37       |            |
| G104.0                                    | 24.84                 | 26.00             | 11.84                 | 24.79    | 20.26    | 8.26     | 6.74     | 9.11       |            |
| G104.5                                    | 26.63                 | 28.42             | 14.11                 | 27.21    | 21.84    | 9.05     | 7.05     | 9.84       |            |
| G105.0                                    | 28.42                 | 31.11             | 16.47                 | 29.74    | 23.58    | 9.79     | 7.32     | 10.63      |            |
| G105.5                                    | 30.42                 | 33.74             | 18.89                 | 32.32    | 25.26    | 10.53    | 7.68     | 11.32      |            |
| G106.0                                    | 32.26                 | 36.32             | 21.47                 | 34.63    | 27.05    | 11.32    | 8.05     | 12.05      |            |
| G106.5                                    | 34.16                 | 38.63             | 24.05                 | 36.79    | 28.79    | 12.05    | 8.32     | 12.79      |            |
| G107.0                                    | 36.16                 | 40.68             | 26.79                 | 38.79    | 30.68    | 12.79    | 8.84     | 13.42      |            |
| G107.5                                    | 38.16                 | 42.53             | 29.58                 | 40.63    | 32.47    | 13.47    | 9.53     | 14.16      |            |
| G108.0                                    | 40.16                 | 44.53             | 32.47                 | 42.53    | 34.37    | 14.16    | 10.26    | 15.16      |            |
| G108.5                                    | 42.21                 | 46.53             | 35.42                 | 44.53    | 36.32    | 14.95    | 10.89    | 16.32      |            |
| G109.0                                    | 44.32                 | 48.47             | 38.26                 | 46.47    | 38.32    | 16.05    | 11.68    | 17.58      |            |

| Luminaire                       |                       | Measurement |                       |                   |          |          |           |            | Lamp       |
|---------------------------------|-----------------------|-------------|-----------------------|-------------------|----------|----------|-----------|------------|------------|
| Code                            | [TEST] 599.2001.1.31  | Code        | [TEST] 599.2001.1.31  |                   |          |          |           |            | Code       |
| Name                            | [TESTDATE] 2006-10-06 | Name        | [TESTDATE] 2006-10-06 |                   |          |          |           |            | Number     |
| Line                            | IESNA                 | Date        | 01-01-0098            |                   |          |          |           |            | Position   |
| Efficiency                      |                       | 55.49%      |                       | Coordinate system |          | C-G      |           | Total Flux | 1900.00 lm |
| Luminous Intensity Table cd/klm |                       |             |                       |                   |          |          | Table 4/5 |            |            |
|                                 | C 0.00                | C 45.00     | C 90.00               | C 135.00          | C 180.00 | C 225.00 | C 270.00  | C 315.00   |            |
| G109.5                          | 46.53                 | 50.47       | 41.32                 | 48.37             | 40.37    | 17.21    | 12.47     | 18.89      |            |
| G110.0                          | 48.58                 | 52.42       | 44.42                 | 50.37             | 42.37    | 18.42    | 13.32     | 20.32      |            |
| G110.5                          | 50.74                 | 54.47       | 47.47                 | 52.37             | 44.37    | 19.84    | 14.16     | 21.84      |            |
| G111.0                          | 52.95                 | 56.47       | 50.63                 | 54.37             | 46.42    | 21.32    | 14.95     | 23.32      |            |
| G111.5                          | 55.11                 | 58.58       | 53.79                 | 56.53             | 48.53    | 22.79    | 15.84     | 24.89      |            |
| G112.0                          | 57.37                 | 60.68       | 57.00                 | 58.89             | 50.58    | 24.37    | 16.58     | 26.47      |            |
| G112.5                          | 59.58                 | 62.95       | 60.05                 | 61.37             | 52.74    | 25.95    | 17.47     | 28.05      |            |
| G113.0                          | 61.79                 | 65.53       | 62.74                 | 64.00             | 54.89    | 27.53    | 18.26     | 29.74      |            |
| G113.5                          | 63.95                 | 68.21       | 65.16                 | 66.74             | 57.00    | 29.16    | 19.00     | 31.37      |            |
| G114.0                          | 66.16                 | 71.16       | 67.37                 | 69.53             | 59.11    | 30.74    | 19.84     | 33.11      |            |
| G114.5                          | 68.42                 | 74.05       | 69.42                 | 72.21             | 61.21    | 32.47    | 20.53     | 34.68      |            |
| G115.0                          | 70.68                 | 76.84       | 71.53                 | 75.11             | 63.37    | 34.16    | 21.26     | 36.37      |            |
| G115.5                          | 72.84                 | 79.68       | 73.47                 | 77.89             | 65.47    | 35.84    | 22.11     | 38.21      |            |
| G116.0                          | 75.00                 | 82.63       | 75.42                 | 80.74             | 67.74    | 37.58    | 23.26     | 39.89      |            |
| G116.5                          | 77.26                 | 85.53       | 77.37                 | 83.32             | 69.84    | 39.32    | 24.58     | 41.58      |            |
| G117.0                          | 79.42                 | 88.21       | 79.32                 | 85.84             | 71.89    | 41.05    | 26.11     | 43.53      |            |
| G117.5                          | 81.58                 | 90.79       | 81.37                 | 88.16             | 74.05    | 42.84    | 27.74     | 45.37      |            |
| G118.0                          | 83.95                 | 93.42       | 83.26                 | 90.53             | 76.21    | 44.74    | 29.37     | 47.26      |            |
| G118.5                          | 86.05                 | 95.84       | 85.26                 | 92.89             | 78.47    | 46.53    | 31.11     | 49.16      |            |
| G119.0                          | 88.26                 | 98.21       | 87.21                 | 95.16             | 80.53    | 48.47    | 32.89     | 51.11      |            |
| G119.5                          | 90.47                 | 100.58      | 89.21                 | 97.47             | 82.68    | 50.37    | 34.68     | 53.00      |            |
| G120.0                          | 92.58                 | 103.00      | 91.21                 | 99.74             | 84.74    | 52.32    | 36.42     | 55.00      |            |
| G120.5                          | 94.74                 | 105.21      | 93.37                 | 102.11            | 86.89    | 54.32    | 38.16     | 57.05      |            |
| G121.0                          | 96.84                 | 107.68      | 95.68                 | 104.53            | 89.00    | 56.32    | 40.00     | 59.05      |            |
| G121.5                          | 99.05                 | 110.00      | 98.16                 | 106.74            | 91.00    | 58.37    | 41.79     | 61.00      |            |
| G122.0                          | 101.11                | 112.47      | 100.89                | 109.05            | 93.21    | 60.37    | 43.68     | 63.11      |            |
| G122.5                          | 103.32                | 114.74      | 103.74                | 111.32            | 95.21    | 62.42    | 45.53     | 65.16      |            |
| G123.0                          | 105.42                | 117.11      | 106.53                | 113.47            | 97.37    | 64.47    | 47.47     | 67.16      |            |
| G123.5                          | 107.47                | 119.32      | 109.32                | 115.63            | 99.42    | 66.58    | 49.37     | 69.00      |            |
| G124.0                          | 109.53                | 121.42      | 112.21                | 117.79            | 101.42   | 68.63    | 51.21     | 70.95      |            |
| G124.5                          | 111.58                | 123.68      | 115.05                | 119.95            | 103.42   | 70.58    | 53.16     | 72.84      |            |
| G125.0                          | 113.63                | 125.89      | 117.89                | 121.95            | 105.47   | 72.53    | 55.05     | 74.68      |            |
| G125.5                          | 115.63                | 128.00      | 120.74                | 124.26            | 107.47   | 74.42    | 57.00     | 76.68      |            |
| G126.0                          | 117.68                | 130.11      | 123.47                | 126.68            | 109.42   | 76.37    | 58.89     | 78.47      |            |
| G126.5                          | 119.53                | 132.47      | 126.00                | 129.26            | 111.32   | 78.21    | 60.79     | 80.21      |            |
| G127.0                          | 121.47                | 134.79      | 128.42                | 131.79            | 113.32   | 80.11    | 62.79     | 82.05      |            |
| G127.5                          | 123.42                | 137.16      | 130.79                | 134.58            | 115.21   | 81.95    | 64.84     | 83.89      |            |
| G128.0                          | 125.32                | 139.63      | 133.05                | 137.21            | 117.05   | 83.68    | 66.89     | 85.68      |            |
| G128.5                          | 127.16                | 142.32      | 135.26                | 139.79            | 118.95   | 85.58    | 69.00     | 87.42      |            |
| G129.0                          | 129.05                | 144.95      | 137.53                | 142.32            | 120.84   | 87.37    | 71.05     | 89.32      |            |
| G129.5                          | 130.89                | 147.58      | 139.53                | 144.79            | 122.63   | 89.21    | 73.16     | 91.05      |            |
| G130.0                          | 132.74                | 150.05      | 141.79                | 147.26            | 124.42   | 90.89    | 75.26     | 92.84      |            |
| G130.5                          | 134.58                | 152.53      | 143.89                | 149.37            | 126.21   | 92.79    | 77.37     | 94.74      |            |
| G131.0                          | 136.32                | 154.95      | 146.00                | 151.58            | 128.00   | 94.53    | 79.47     | 96.58      |            |
| G131.5                          | 138.16                | 157.26      | 148.11                | 153.84            | 129.89   | 96.37    | 81.63     | 98.42      |            |
| G132.0                          | 139.79                | 159.53      | 150.32                | 156.26            | 131.58   | 98.32    | 83.84     | 100.21     |            |
| G132.5                          | 141.53                | 161.68      | 152.42                | 158.68            | 133.32   | 100.11   | 86.00     | 102.11     |            |
| G133.0                          | 143.21                | 164.05      | 154.47                | 161.32            | 135.05   | 101.89   | 88.11     | 103.74     |            |
| G133.5                          | 144.89                | 166.63      | 156.32                | 164.11            | 136.74   | 103.74   | 90.21     | 105.37     |            |
| G134.0                          | 146.53                | 169.21      | 158.32                | 166.89            | 138.42   | 105.47   | 92.32     | 106.95     |            |
| G134.5                          | 148.21                | 171.79      | 160.21                | 169.79            | 140.16   | 107.11   | 94.21     | 108.58     |            |
| G135.0                          | 149.79                | 174.63      | 162.11                | 172.63            | 141.79   | 108.74   | 96.26     | 110.11     |            |
| G135.5                          | 151.42                | 177.37      | 164.11                | 175.37            | 143.37   | 110.26   | 98.21     | 111.68     |            |
| G136.0                          | 153.05                | 180.26      | 166.05                | 178.00            | 145.05   | 111.79   | 100.16    | 113.32     |            |
| G136.5                          | 154.63                | 182.95      | 168.16                | 180.47            | 146.68   | 113.32   | 102.05    | 114.95     |            |
| G137.0                          | 156.16                | 185.74      | 170.37                | 182.84            | 148.26   | 114.89   | 103.84    | 116.63     |            |
| G137.5                          | 157.68                | 188.21      | 172.63                | 184.84            | 149.89   | 116.47   | 105.68    | 118.37     |            |
| G138.0                          | 159.21                | 190.63      | 174.89                | 186.47            | 151.42   | 118.16   | 107.47    | 120.21     |            |
| G138.5                          | 160.63                | 192.58      | 177.63                | 187.89            | 153.00   | 119.84   | 109.21    | 121.95     |            |
| G139.0                          | 162.26                | 194.32      | 180.11                | 188.89            | 154.63   | 121.58   | 110.89    | 123.68     |            |
| G139.5                          | 163.74                | 195.68      | 182.53                | 189.63            | 156.11   | 123.42   | 112.68    | 125.05     |            |
| G140.0                          | 165.32                | 196.79      | 184.84                | 190.32            | 157.63   | 125.11   | 114.37    | 126.26     |            |
| G140.5                          | 166.74                | 197.63      | 187.21                | 191.00            | 159.11   | 126.68   | 116.11    | 127.32     |            |
| G141.0                          | 168.21                | 198.21      | 189.26                | 192.00            | 160.63   | 128.00   | 117.79    | 128.26     |            |
| G141.5                          | 169.68                | 199.00      | 191.32                | 193.00            | 162.11   | 129.21   | 119.53    | 129.05     |            |
| G142.0                          | 171.21                | 199.74      | 193.26                | 194.53            | 163.63   | 130.16   | 121.37    | 129.63     |            |
| G142.5                          | 172.53                | 200.63      | 195.26                | 195.95            | 165.11   | 131.05   | 123.00    | 129.95     |            |
| G143.0                          | 174.11                | 201.95      | 197.47                | 197.53            | 166.58   | 131.68   | 124.79    | 130.26     |            |
| G143.5                          | 175.47                | 203.21      | 199.84                | 199.37            | 168.05   | 132.05   | 126.32    | 130.37     |            |
| G144.0                          | 176.95                | 204.79      | 202.26                | 201.21            | 169.47   | 132.37   | 128.00    | 130.42     |            |
| G144.5                          | 178.26                | 206.47      | 204.89                | 203.11            | 170.84   | 132.58   | 129.37    | 130.53     |            |
| G145.0                          | 179.68                | 208.21      | 207.74                | 205.32            | 172.32   | 132.63   | 130.74    | 130.42     |            |
| G145.5                          | 181.05                | 210.16      | 210.53                | 207.53            | 173.74   | 132.63   | 132.05    | 130.32     |            |

| Luminaire                       |                       | Measurement |                       |                   |          |          |          |            | Lamp       |
|---------------------------------|-----------------------|-------------|-----------------------|-------------------|----------|----------|----------|------------|------------|
| Code                            | [TEST] 599.2001.1.31  | Code        | [TEST] 599.2001.1.31  |                   |          |          |          |            | Code       |
| Name                            | [TESTDATE] 2006-10-06 | Name        | [TESTDATE] 2006-10-06 |                   |          |          |          |            | Number     |
| Line                            | IESNA                 | Date        | 01-01-0098            |                   |          |          |          |            | Position   |
| Efficiency                      |                       | 55.49%      |                       | Coordinate system |          | C-G      |          | Total Flux | 1900.00 lm |
| Luminous Intensity Table cd/klm |                       |             |                       |                   |          |          |          |            |            |
| Table 5/5                       |                       |             |                       |                   |          |          |          |            |            |
|                                 | C 0.00                | C 45.00     | C 90.00               | C 135.00          | C 180.00 | C 225.00 | C 270.00 | C 315.00   |            |
| G146.0                          | 182.47                | 212.05      | 213.32                | 209.63            | 175.11   | 132.47   | 133.42   | 130.21     |            |
| G146.5                          | 183.84                | 214.11      | 216.05                | 211.74            | 176.47   | 132.37   | 134.79   | 130.16     |            |
| G147.0                          | 185.21                | 216.16      | 218.74                | 213.84            | 177.89   | 132.21   | 136.32   | 130.00     |            |
| G147.5                          | 186.58                | 218.16      | 220.89                | 216.05            | 179.21   | 132.05   | 137.89   | 129.89     |            |
| G148.0                          | 187.89                | 220.26      | 222.68                | 218.00            | 180.58   | 131.89   | 139.58   | 129.89     |            |
| G148.5                          | 189.16                | 222.26      | 224.05                | 219.95            | 181.84   | 131.68   | 141.32   | 129.89     |            |
| G149.0                          | 190.47                | 224.16      | 224.95                | 222.00            | 183.21   | 131.58   | 143.11   | 130.16     |            |
| G149.5                          | 191.74                | 226.05      | 225.32                | 224.11            | 184.47   | 131.42   | 144.68   | 130.32     |            |
| G150.0                          | 192.95                | 227.95      | 225.32                | 226.26            | 185.84   | 131.42   | 145.95   | 130.79     |            |
| G150.5                          | 194.21                | 229.84      | 225.05                | 228.26            | 186.95   | 131.47   | 146.84   | 131.21     |            |
| G151.0                          | 195.47                | 231.95      | 224.95                | 230.21            | 188.26   | 131.79   | 147.58   | 132.00     |            |
| G151.5                          | 196.68                | 233.89      | 225.11                | 232.26            | 189.47   | 132.21   | 148.00   | 132.89     |            |
| G152.0                          | 197.84                | 235.84      | 225.63                | 234.32            | 190.68   | 132.89   | 148.32   | 133.89     |            |
| G152.5                          | 198.84                | 237.79      | 226.42                | 236.32            | 191.89   | 133.63   | 148.37   | 135.00     |            |
| G153.0                          | 200.11                | 239.84      | 227.32                | 238.32            | 193.05   | 134.58   | 148.00   | 136.16     |            |
| G153.5                          | 201.11                | 241.84      | 228.47                | 240.26            | 194.26   | 135.58   | 147.53   | 137.47     |            |
| G154.0                          | 202.05                | 243.74      | 229.74                | 242.00            | 195.32   | 136.63   | 147.00   | 138.74     |            |
| G154.5                          | 203.00                | 245.47      | 231.37                | 243.74            | 196.42   | 137.95   | 146.42   | 140.21     |            |
| G155.0                          | 204.05                | 247.37      | 233.16                | 245.32            | 197.53   | 139.21   | 145.58   | 141.63     |            |
| G155.5                          | 205.00                | 248.89      | 234.84                | 246.74            | 198.74   | 140.53   | 144.89   | 143.11     |            |
| G156.0                          | 206.05                | 250.42      | 236.58                | 247.74            | 199.68   | 142.00   | 144.32   | 144.84     |            |
| G156.5                          | 207.16                | 251.79      | 238.16                | 248.63            | 200.53   | 143.47   | 143.63   | 146.32     |            |
| G157.0                          | 208.05                | 252.95      | 239.95                | 249.68            | 201.53   | 145.00   | 142.95   | 148.05     |            |
| G157.5                          | 209.00                | 253.95      | 241.74                | 250.32            | 202.47   | 146.63   | 142.32   | 149.58     |            |
| G158.0                          | 209.95                | 254.84      | 243.42                | 251.00            | 203.42   | 148.32   | 141.84   | 151.32     |            |
| G158.5                          | 210.89                | 255.42      | 245.42                | 251.58            | 204.32   | 150.05   | 141.42   | 153.00     |            |
| G159.0                          | 211.79                | 255.95      | 247.16                | 252.11            | 205.47   | 151.74   | 141.47   | 154.63     |            |
| G159.5                          | 212.74                | 256.32      | 249.11                | 252.37            | 206.42   | 153.53   | 141.63   | 156.37     |            |
| G160.0                          | 213.47                | 256.68      | 250.95                | 252.79            | 207.26   | 155.26   | 142.26   | 158.26     |            |
| G160.5                          | 214.32                | 256.89      | 252.79                | 253.26            | 208.16   | 157.05   | 143.05   | 160.00     |            |
| G161.0                          | 215.26                | 257.37      | 254.58                | 253.68            | 209.05   | 158.84   | 144.05   | 161.95     |            |
| G161.5                          | 216.00                | 257.63      | 256.37                | 254.16            | 209.95   | 160.68   | 145.21   | 163.74     |            |
| G162.0                          | 216.74                | 258.00      | 258.00                | 254.53            | 210.68   | 162.68   | 146.53   | 165.79     |            |
| G162.5                          | 217.53                | 258.26      | 259.53                | 254.95            | 211.63   | 164.58   | 147.89   | 167.63     |            |
| G163.0                          | 218.26                | 258.58      | 260.74                | 255.11            | 212.42   | 166.53   | 149.42   | 169.42     |            |
| G163.5                          | 218.95                | 258.68      | 261.53                | 255.21            | 213.16   | 168.42   | 151.05   | 171.42     |            |
| G164.0                          | 219.58                | 258.68      | 262.21                | 255.11            | 213.95   | 170.37   | 152.89   | 173.32     |            |
| G164.5                          | 220.26                | 258.53      | 262.47                | 254.89            | 214.68   | 172.32   | 154.68   | 175.32     |            |
| G165.0                          | 220.84                | 258.26      | 262.58                | 254.58            | 215.26   | 174.37   | 156.53   | 177.26     |            |
| G165.5                          | 221.53                | 257.79      | 262.47                | 253.95            | 216.00   | 176.37   | 158.37   | 179.16     |            |
| G166.0                          | 222.26                | 257.21      | 262.21                | 253.26            | 216.68   | 178.32   | 160.47   | 181.11     |            |
| G166.5                          | 222.63                | 256.42      | 262.11                | 252.63            | 217.37   | 180.37   | 162.58   | 183.11     |            |
| G167.0                          | 223.26                | 255.53      | 261.89                | 251.63            | 217.95   | 182.32   | 164.68   | 185.05     |            |
| G167.5                          | 223.68                | 254.42      | 261.84                | 250.53            | 218.53   | 184.42   | 167.00   | 187.11     |            |
| G168.0                          | 224.26                | 253.32      | 261.63                | 249.26            | 219.16   | 186.58   | 169.26   | 189.16     |            |
| G168.5                          | 224.74                | 251.89      | 261.42                | 248.05            | 219.79   | 188.63   | 171.63   | 191.16     |            |
| G169.0                          | 225.21                | 250.53      | 261.00                | 246.47            | 220.21   | 190.74   | 174.05   | 193.21     |            |
| G169.5                          | 225.63                | 248.89      | 260.11                | 245.11            | 220.79   | 192.84   | 176.47   | 195.21     |            |
| G170.0                          | 226.05                | 247.26      | 259.37                | 243.53            | 221.26   | 194.89   | 179.00   | 197.37     |            |
| G170.5                          | 226.42                | 245.79      | 258.05                | 242.21            | 221.79   | 197.05   | 181.37   | 199.37     |            |
| G171.0                          | 226.79                | 244.05      | 256.58                | 240.89            | 222.21   | 199.21   | 183.84   | 201.21     |            |
| G171.5                          | 227.26                | 242.74      | 254.84                | 239.68            | 222.63   | 201.16   | 186.37   | 203.11     |            |
| G172.0                          | 227.53                | 241.42      | 252.84                | 238.58            | 222.95   | 203.21   | 188.95   | 204.89     |            |
| G172.5                          | 227.84                | 240.11      | 250.74                | 237.53            | 223.42   | 204.95   | 191.58   | 206.58     |            |
| G173.0                          | 228.05                | 238.95      | 248.21                | 236.42            | 223.89   | 206.74   | 194.11   | 208.21     |            |
| G173.5                          | 228.42                | 237.79      | 245.79                | 235.32            | 224.16   | 208.53   | 196.79   | 209.84     |            |
| G174.0                          | 228.63                | 236.68      | 243.53                | 234.42            | 224.53   | 210.21   | 199.58   | 211.42     |            |
| G174.5                          | 229.00                | 235.68      | 241.26                | 233.37            | 224.79   | 211.74   | 202.05   | 212.89     |            |
| G175.0                          | 229.21                | 234.63      | 239.32                | 232.53            | 225.05   | 213.37   | 204.42   | 214.42     |            |
| G175.5                          | 229.32                | 233.68      | 237.21                | 231.53            | 225.37   | 214.74   | 206.95   | 215.58     |            |
| G176.0                          | 229.47                | 232.68      | 235.53                | 230.53            | 225.63   | 216.16   | 209.16   | 216.95     |            |
| G176.5                          | 229.63                | 231.68      | 233.79                | 229.68            | 225.95   | 217.42   | 211.16   | 218.16     |            |
| G177.0                          | 229.68                | 230.84      | 232.26                | 228.89            | 226.11   | 218.63   | 213.16   | 219.21     |            |
| G177.5                          | 229.74                | 230.05      | 230.84                | 228.05            | 226.21   | 219.84   | 215.11   | 220.37     |            |
| G178.0                          | 229.84                | 229.16      | 229.32                | 227.37            | 226.37   | 221.00   | 216.68   | 221.37     |            |
| G178.5                          | 229.84                | 228.42      | 227.89                | 226.63            | 226.37   | 221.95   | 218.37   | 222.26     |            |
| G179.0                          | 229.84                | 227.68      | 226.68                | 226.00            | 226.63   | 222.89   | 220.00   | 223.05     |            |
| G179.5                          | 229.95                | 227.05      | 225.53                | 225.42            | 226.68   | 223.74   | 221.47   | 223.79     |            |
| G180.0                          | 225.98                | 225.98      | 225.98                | 225.98            | 225.98   | 225.98   | 225.98   | 225.98     |            |