


# MATERIAL DECLARATION SHEET

|                 |                    |     |   |                                                                                     |
|-----------------|--------------------|-----|---|-------------------------------------------------------------------------------------|
| Material Number | 2056               |     |   |  |
| Product Line    | Gas Discharge Tube |     |   |                                                                                     |
| Compliance Date | 2012.02.20         |     |   |                                                                                     |
| RoHS Compliant  | Yes                | MSL | 1 |                                                                                     |

| N o.    | Construction Element (subpart) | Homogeneous Material | Material weight [g] | Homogeneous Material\ Substances | CASRN if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|---------|--------------------------------|----------------------|---------------------|----------------------------------|---------------------|------------------|-----------------------------------|-------------------------------|
| 1       | Semi-finished products         | Electrode            | 0.9519              | Iron                             | 7439-89-6           | 58               | 38.089                            | 65.671                        |
|         |                                |                      |                     | Nickel                           | 7440-02-0           | 42               | 27.582                            |                               |
|         |                                | Tube                 | 0.2434              | Aluminum oxide                   | 1344-28-1           | 95               | 15.952                            | 16.792                        |
|         |                                |                      |                     | Silicon dioxide                  | 7631-86-9           | 5                | 0.840                             |                               |
|         |                                | Solder               | 0.0020              | Silver                           | 7440-22-4           | 72               | 0.099                             | 0.138                         |
|         |                                |                      |                     | Copper                           | 7440-50-8           | 28               | 0.039                             |                               |
| Plating | 0.0220                         | Nickel               | 7440-02-0           | 100                              | 1.518               | 1.518            |                                   |                               |
| 2       | Lead                           | Copper Wire          | 0.2302              | Copper                           | 7440-50-8           | 97               | 15.405                            | 15.881                        |
|         |                                |                      |                     | Tin                              | 7440-31-5           | 3                | 0.476                             |                               |
|         |                                | Total weight         | 1.4495              |                                  |                     |                  |                                   |                               |

**This Document was updated on: February 2, 2012**

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.