


MATERIAL DECLARATION



| | | | | |
|---------------------|--------------------|-----------------|----------|---|
| Product Part Number | GDT25-XX-S1-XXX | | |  |
| Product Line | Gas Discharge Tube | | | |
| MSL | 1 | | | |
| RoHS Compliant | Yes | Compliance Date | Aug-2019 | |

| No. | Construction Element (subpart) | Homogeneous Material | Material weight [g] | Homogeneous Material\ | CASRN | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|-------|--------------------------------|----------------------|---------------------|-----------------------|---------------|------------------|-----------------------------------|-------------------------------|
| | | | | Substances | if applicable | | | |
| 1 | Lateral Electrodes | Tin plated Copper | 0.350 | Copper | 7440-50-8 | 99.2 | 80.055 | 80.701 |
| | | | | Nickel | 7440-02-0 | 0.2 | 0.161 | |
| | | | | Tin | 7440-31-5 | 0.6 | 0.484 | |
| 2 | Metallized Ceramic | Ceramic | 0.080 | Aluminum oxide | 1344-28-1 | 93.19 | 17.190 | 18.446 |
| | | | | Silicon dioxide | 7631-86-9 | 4.9 | 0.904 | |
| | | Metallization | | Tungsten | 7440-33-7 | 1.49 | 0.275 | |
| | | Nickel | | 7440-02-0 | 0.42 | 0.077 | | |
| 3 | Brazing material | Cusil™ | 0.003 | Silver | 7440-22-4 | 72 | 0.498 | 0.692 |
| | | | | Copper | 7440-50-8 | 28 | 0.194 | |
| 4 | Filler material | Gas | 0.0007 | Argon | 7440-37-1 | 100 | 0.161 | 0.161 |
| TOTAL | | | 0.4337 | | | | | |

This Document was updated on: **August, 2019**

Important remarks:

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