


# MATERIAL DECLARATION SHEET



Material Number	2051 Series			
Product Line	Gas Discharge Tube			
Compliance Date	2009-01-01			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Electrode	Iron-nickel alloy	100.4	Iron	7439-89-6	58%	34.4161%	59.3381%
				Nickel	7440-02-0	42%	24.9220%	
2	Ceramic tube	Ceramic	55.5	Aluminum oxide	1344-28-1	95%	31.1613%	32.8014%
				Silicon oxide	7631-86-9	5%	1.6401%	
3	Brazing material	silver-copper alloy	7	Copper	7440-50-8	72%	2.9787%	4.1371%
				Silver	7440-22-4	28%	1.1584%	
4	Marking	Black Ink	0.3	Ink (Proprietary mixture)	Trade secret	100%	0.1773%	0.1773%
5	Plating	Tin plating	6	Tin	7440-31-5	100%	3.5461%	3.5461%
			Total weight			<b>169.2</b>		

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### Important remarks:

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