







MATERIAL DECLARATION & RoHS REPORT



Product Part Number	2036-XX-SMLF-H			
Product Line	Gas Discharge Tube			
MSL	1			
RoHS Compliant	Yes	Compliance Date	Dec-2017	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)	Third Party Lab Analysis
				Substances					
1	Lateral Electrodes	Tin plated Copper	0.198	Copper	7440-50-8	99.2	34.91	35.125	 Adobe Acrobat Document
				Nickel	7440-02-0	0.2	0.07		
				Tin	7440-31-5	0.6	0.21		
2	Metallized Ceramic	Ceramic	0.163	Aluminum oxide	1344-28-1	93.8	27.17	28.916	 Adobe Acrobat Document
				Silicon dioxide	7631-86-9	4.94	1.43		
		Metallization		Tungsten	7440-33-7	0.98	0.28		
				Nickel	7440-02-0	0.28	0.08		
3	Center Electrode	Tin plated Copper	0.195	Copper	7440-50-8	99.6	34.52	34.593	 Adobe Acrobat Document
				Nickel	7440-02-0	0.1	0.03		
				Tin	7440-31-5	0.3	0.10		
4	Brazing material	Cusil™	0.006	Silver	7440-22-4	72	0.77	1.064	 Adobe Acrobat Document
				Copper	7440-50-8	28	0.30		
5	Filler material	Gas	0.0007	Argon	7440-37-1	100	0.12	0.124	

6	Marking	Black Ink	0.001	Ink (Proprietary mixture)	Trade secret	64	0.11	0.178	 Adobe Acrobat Document
				Cyclohexane- 1,2-dicarboxylic anhydride	85-42-7	5	0.01		
				Carbon black	1333-86-4	1	0.00		
				Tributyl phosphate	126-73-8	30	0.05		
		TOTAL	0.5637						

This Document was updated on: December, 2017

Important remarks:

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