


# MATERIAL DECLARATION & RoHS REPORT



Product Part Number	ISOM3-xxx-B-L2			
Product Line	Gas Discharge Tube			
MSL	1			
RoHS Compliant	Yes	Compliance Date	Pending	

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. (%)	Third Party Lab Analysis
				Substances	if applicable				
1	Disk body with Silver electrode	Zinc Oxide Disc	1.026378	Zinc Oxide	1314-13-2	87.607691	49.011239	55.943991	
				Bismuth Oxide	1304-76-3	4.934533	2.760574		
				Antimony Trioxide	1309-64-4	2.960720	1.656345		
				Cobalt Oxide	1307-96-6	1.184288	0.662538		
				Nickel Oxide	1314-06-3	0.789525	0.441692		
				Silver	7440-22-4	1.451055	0.811778		
				Misc not to declare	----	1.072189	0.599825		
2	Coater	EPOXY RESIN (Tianjin City Kaihua Insulation)	0.330000	Epoxy Resin	25036-25-3	37.037037	5.836313	15.758045	
				Silicon dioxide	60676-86-0	37.037037	5.836313		
				Formaldehyde, polymer with 2-(chlorometjy) oxirane and phenol, reaction products with 6H-dibenz[c,e][1,2] oxaphosphorin 6-oxide Al(OH)3	300371-38-4	12.698413	2.001022		
				Pyromellitic dianhydride	89-32-7	7.936508	1.250639		
				Pigments	----	2.645503	0.416880		
				Misc not to declare	----	2.645503	0.416880		
3	Lead Wire	Tin-plated Copper Wire (Adolf Edelhoff)	0.457600	Copper	7440-50-8	99.000000	21.632645	21.851156	
				Tin	7440-31-5	1.000000	0.218512		

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5	Solder	BALVER ZINN SOLDER SN96C	0.055000	Tin	7440-31-5	95.500000	2.508156	2.626341	
				Silver	7440-22-4	3.800000	0.099801		
				Copper	7440-50-8	0.700000	0.018384		
8	Sealant glass	Yammamura glass	0.080000	Glass matrix including compounds of:				3.820132	
				Silicon	7440-21-3	3.400000	0.129884		
				Aluminum	7429-90-5	3.400000	0.129884		
				Boron	7440-42-8	6.545000	0.250028		
				Barium	7440-39-3	3.400000	0.129884		
				Zinc	7440-66-6	8.755000	0.334453		
				Bismuth	7440-69-9	58.225000	2.224272		
				Copper	7440-50-8	1.275000	0.048707		
9	Filler material	Gas	0.000007	Argon	7440-37-1	100.000000	0.000334	0.000334	
		TOTAL	<b>2.094169</b>						

**This Document was updated: March 2021**

## Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Presented data corresponds to part number ISOM3-275-B-L2, weight may change depending on IsoMOV™ type and configuration.