


MATERIAL DECLARATION & RoHS REPORT



Product Part Number	ISOM8-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	3.454813	Zinc Oxide	1314-13-2	87.405930	57.899493	66.242065	
			0.194594	Bismuth Oxide	1304-76-3	4.923168	3.261208		
			0.116756	Antimony Trioxide	1309-64-4	2.953901	1.956725		
			0.046702	Cobalt Oxide	1307-96-6	1.181560	0.782690		
			0.031135	Nickel Oxide	1314-06-3	0.787707	0.521793		
			0.056000	Silver	7440-22-4	1.416786	0.938509		
			0.052607	Misc not to declare	----	1.330947	0.881647		
2	Coater	EPOXY RESIN (Tianjin City Kaihua Insulation)	0.907000	Epoxy Resin	25036-25-3	37.037037	5.629810	15.200487	
				Silicon dioxide	60676-86-0	37.037037	5.629810		
				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	1.930221		
				Pyromellitic dianhydride	89-32-7	7.936508	1.206388		
				Pigments	----	2.645503	0.402129		
				Misc, not to declare	----	2.645503	0.402129		
3	Lead Wire	Tin-plated Copper Wire (Adolf Edelhoff)	0.807000	Copper	7440-50-8	99.000000	13.389333	13.524579	
				Tin	7440-31-5	1.000000	0.135246		

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5	Solder	BALVER ZINN SOLDER SN96C	0.120300	Tin	7440-31-5	95.500000	1.925392	2.016118	
				Silver	7440-22-4	3.800000	0.076612		
				Copper	7440-50-8	0.700000	0.014113		
8	Sealant glass	Yammamura glass	0.180000	Glass matrix including compounds of:				3.016635	
				Silicon	7440-21-3	3.400000	0.102566		
				Aluminum	7429-90-5	3.400000	0.102566		
				Boron	7440-42-8	6.545000	0.197439		
				Barium	7440-39-3	3.400000	0.102566		
				Zinc	7440-66-6	8.755000	0.264106		
				Bismuth	7440-69-9	58.225000	1.756436		
				Copper	7440-50-8	1.275000	0.038462		
Zirconium	7440-67-7	15.000000	0.452495						
9	Filler material	Gas	0.000007	Argon	7440-37-1	100.000000	0.000117	0.000117	
		TOTAL	5.966914						

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 ISOM8-275-B-L2, weight may change depending on IsoMOV™ type and configuration.