

MATERIAL DECLARATION SHEET



Product Part Number	GDT25H-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. (%)	Third Party Lab Analysis
				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	0.0785	Aluminum oxide	1344-28-1	95.03	17.190	18.446	
				Silicon dioxide	7631-86-9	4.97	0.904		
		Metallization	0.0015	Tungsten	7440-33-7	80	0.275		
				Nickel	7440-02-0	20	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: September, 2025

Important remarks:

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