

# MATERIAL DECLARATION SHEET



Product Part Number	2018-XX-XXX-LF			
Product Line	Gas Discharge FLAT™ Tube			
MSL	1			
RoHS Compliant	Yes	Compliance Date	June-2016	

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 Alloy 42	0.2858	Iron	7439-89-6	55.7	19.90	35.720	 Adobe Acrobat Document
				Nickel	7440-02-0	41.8	14.93		
				Tin	7440-31-5	2.5	0.89		
2	Metallized Ceramic	Ceramic	0.208	Aluminum oxide	1344-28-1	91.37	23.75	25.997	 Adobe Acrobat Document
		Metallization		Silicon dioxide	7631-86-9	4.81	1.25		
				Tungsten	7440-33-7	3.01	0.78		
				Nickel	7440-02-0	0.81	0.21		
3	Center Electrode	Tin plated Copper	0.3033	Copper	7440-50-8	99.2	37.60	37.907	 Adobe Acrobat Document
				Nickel	7440-02-0	0.2	0.08		
				Tin	7440-31-5	0.6	0.23		
4	Brazing material	Cusil™	0.003	Silver	7440-22-4	72.00	0.27	0.375	 Adobe Acrobat Document
				Copper	7440-50-8	28.00	0.10		

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5	Filler material	Gas	0.000007	Argon	7440-37-1	100	0.00	0.001	
		TOTAL	<b>0.8001</b>						

**This Document was updated on: June, 2016**

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Weight may change depending on lead configurations.