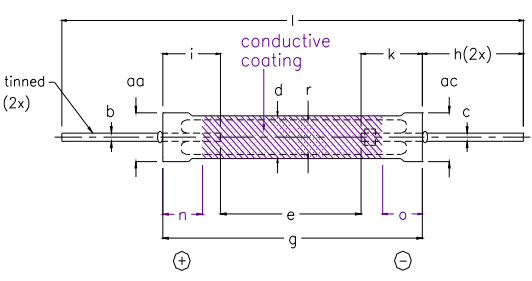


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### 1. Mechanical Data

( All dimensions in mm and diagram is not drawn to scale )

e	11+/-0.7	n/o	4.0+/-0.8	
l	20 max	h	0.7 min	
d	2.0+/-0.1	aa/ac	2.30 max	
r	1.2+/-0.1	i	2.7 ref	
g	17.5+/-1	k	3.7 ref	
b/c	0.8 appr			

Remarks :Bau No. : 96321194

### 2. Operating Data

Type of Circuit : External

#### A ) Power Circuit

Item	Specification	Remarks
Max flash energy , Emax	4.50 (Ws)	Life test @ 300 V / 100 µF
Nom flash energy , Enom	4.21 (Ws)	
Max anode voltage , Ua max	300 (V)	
Nom anode voltage , Ua nom	290 (V)	
Min anode voltage , Ua min	220 (V)	Before and after life min Ua/Uz @ 1 flash per 5 sec for 20 flashes
Nom flash capacitor , CB	100 (µF)	
Max Peak Current	200 (A)	Measured @ Ua = 300 V , CB = 100 µF
Repetition rate / Frequency	20 (sec)	
Life / Number of flashes / N	3000 (flashes)	* Life test @ 300 V / 100 µF
Light reduction , After life	< 10 (%)	Measured @ 290 V / 100 µF in Ubricht Sphere / Minolta Strobemeter II
Conductive Resistance	5.0 max kohms	Measured @ 10 mm distance of coating
Colour Temperature	6800+/-500 k	Measured @ 290 V / 100 µF using Minolta Colour meter 3F @ 1 m distance. Data applicable to bare tube (without reflector and frontshield)

#### B ) Trigger Circuit ( Note : Applicable for sample testing ; Production may use different components )

Item	Specification	Remarks
Trigger coil , Tr	ZS 0706	
Trigger capacitor , Cz	0.022 (µF)	Maruwa ceramic capacitor
Min trigger voltage , Uzmin	220 (V)	
Trigger contact , S	THY	Type : 2N5064
Sec trigger voltage , Uzsec	- ve (kV)	

#### C) Customer Reference

PerkinElmer Proprietary & Confidential

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