Formation Lights
2LA005094-XX and 2LA006608-XX

These Formation Lights 2LA005094-XX and 2LA006608-XX are mounted on the fuselage, wing tips and vertical fin to indicate the aircraft's position and attitude during military formation flight.

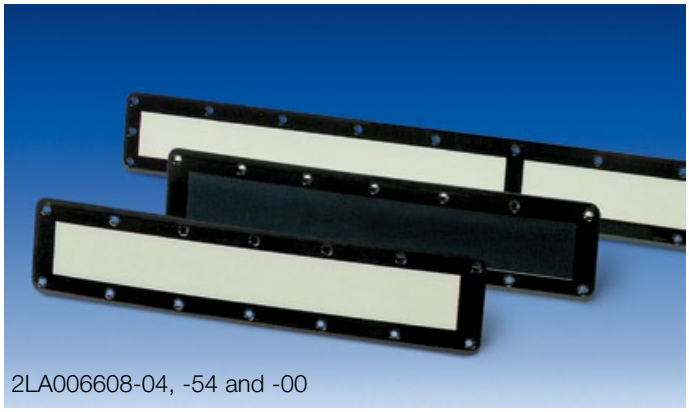
They are based on the physical principle of electro-luminescence: An alternating voltage – usually 115 V/400 Hz – stimulates a luminescent substance to emit light which has a very small radiation spectrum. A covert mode version is also available which emits energy in the infrared region.

These Formation Lights are connected directly to the aircraft's 115 V Power System. Being only 2,5 mm/0.098" thick, they are mounted to the surface with screws.

UTC Aerospace Systems

Formation Lights 2LA005094-XX and 2LA006608-XX

2LA005094-01 and -51

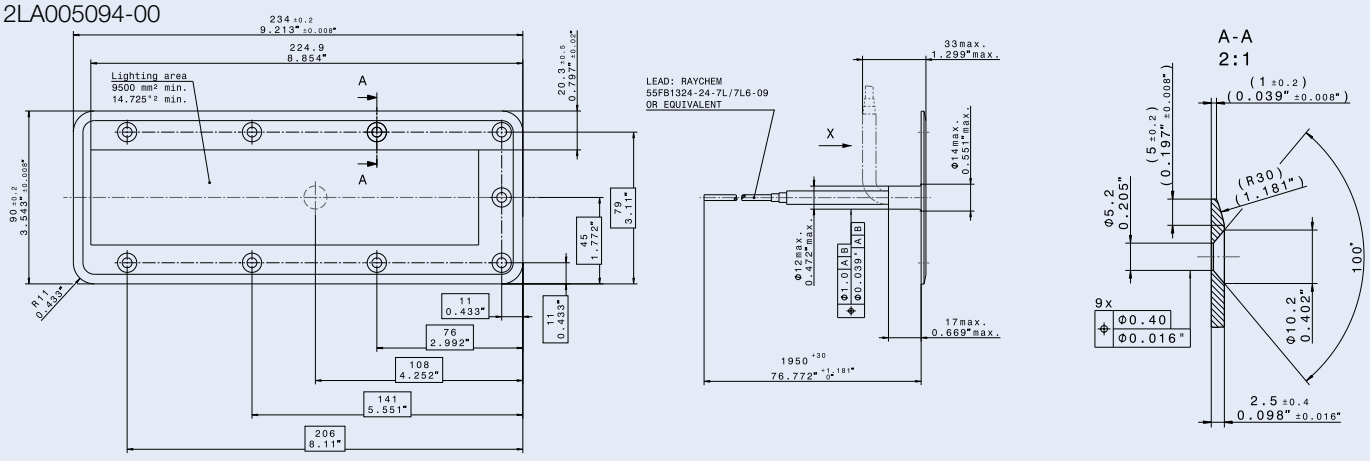


2LA006608-04, -54 and -00

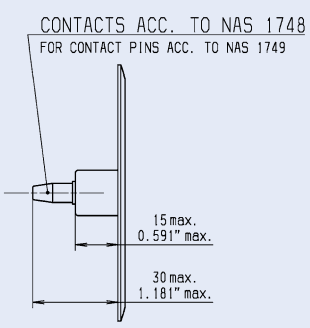
Technical Data:

Part-Number	Size	Operating Voltage	Operating Current	Light Color	Luminance	Connection	Weight
2LA005094-00/-01	234 x 90 mm/ 9.213 x 3.543”	115 VAC/ 400 Hz	34 mA	Aviation Green	60 cd/m²	Flying Leads (1,950 mm/76.8”)	0.145 kg/ 0.32 lbs
2LA005094-51	234 x 90 mm/ 9.213 x 3.543”	115 VAC/ 400 Hz	34 mA	Infrared	NR_B 5 x 10^{-8}/15 fl	Flying Leads (1,950 mm/76.8”)	0.160 kg/ 0.35 lbs
2LA006608-00	910 x 90 mm/ 35.827 x 3.543”	115 VAC/ 400 Hz	20 mA	Aviation Green	45 cd/m²	Contacts for Contact Pins	0.520 kg/ 1.1 lbs
2LA006608-04	420 x 90 mm/ 15.535 x 3.543”	115 VAC/ 400 Hz	7 mA	Aviation Green	45 cd/m²	Contacts for Contact Pins	0.250 kg/ 0.55 lbs
2LA006608-50	910 x 90 mm/ 35.827 x 3.543”	115 VAC/ 400 Hz	20 mA	Infrared	NR_B 5 x 10^{-8}/15 fl	Contacts for Contact Pins	0.600 kg/ 1.32 lbs
2LA006608-54	420 x 90 mm/ 15.535 x 3.543”	115 VAC/ 400 Hz	7 mA	Infrared	NR_B 5 x 10^{-8}/15 fl	Contacts for Contact Pins	0.280 kg/ 0.613 lbs

2LA005094-00



2LA006608-XX



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