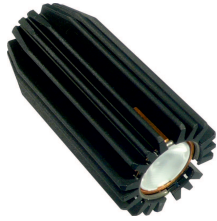
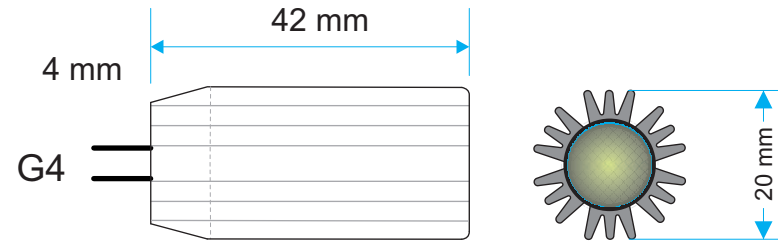


Taunus LED G4 Power Spot Single-LED



- + Up to 80% energy savings
- + low heat generation
- + Optimum lighting for natural color rendering
- + No UV or IR radiation
- + No mercury
- + Suitable for all 12 V lighting system
- + Long life span, up to 35.000 hours
- + Different beam angles and color rendering can be combined

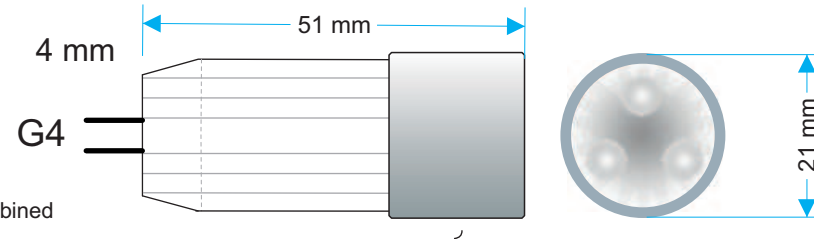


TSL-Code	LED	Luminous Flux	Beam Angle	Color Temperature.(K); (nm)	Color	Color Rendering	Voltage	Current	Power	Efficiency	Dimmable
	n	lm		K/ nm		CRI	(V)	(l)	Watt(W)	lm/Watt	
TSL001	1	58	22°	3000 Kelvin	warm white	90	12	AC/DC	2,1	28	no
TSL002	1	75	22°	3000 Kelvin	warm white	85	12	AC/DC	2,1	36	no
TSL003	1	104	22°	3500-4500 Kelvin	cool white	65	12	AC/DC	2,1	60	no
TSL004	1	65	22°	627 nm	red	-	12	AC/DC	1,6	41	no
TSL005	1	60	22°	590 nm	yellow	-	12	AC/DC	1,6	38	no
TSL006	1	70	22°	530 nm	green	-	12	AC/DC	2	35	no
TSL007	1	17	22°	447nm	blue	-	12	AC/DC	2,1	8	no

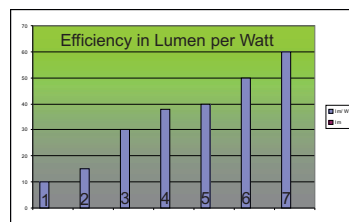
Taunus LED G4 Power Spot Triple-LED



- + Up to 80% energy savings
- + low heat generation
- + Optimum lighting for natural color rendering
- + No UV or IR radiation
- + No mercury
- + Suitable for all 12 V lighting system
- + Long life span, up to 35.000 hours
- + Different beam angles and color rendering can be combined



TSL-Code	LED	Luminous Flux	Beam Angle	Color Temperature.(K); (nm)	Color	Color Rendering	Voltage	Current	Power	Efficiency	Dimmable
	n	lm		K/ nm		CRI	(V)	(l)	Watt(W)	lm/Watt	
TSL030	3	89	18°	3000 Kelvin	warm white	90	12	AC/DC	2,5	35	no
TSL031	3	114	18°	3000 Kelvin	warm white	85	12	AC/DC	2,5	46	no
TSL032	3	155	18°	3500-4500 Kelvin	cool white	65	12	AC/DC	2,5	62	no
TSL033	3	83	32°	3000 Kelvin	warm white	90	12	AC/DC	2,5	33	no
TSL034	3	107	32°	3000 Kelvin	warm white	85	12	AC/DC	2,5	43	no
TSL035	3	139	32°	3500-4500 Kelvin	cool white	65	12	AC/DC	2,5	56	no



- 1: Incandescent Lamp
- 2: Halogen Lamp
- 3: G4 Spot Triple-LED warm white CRI 90
- 4: G4 Spot Triple-LED warm white CRI 85
- 5: Compact fluorescent discharge lamp warm white
- 6: Compact fluorescent discharge lamp cool white
- 7: G4 Spot Triple-LED cool white CRI 65