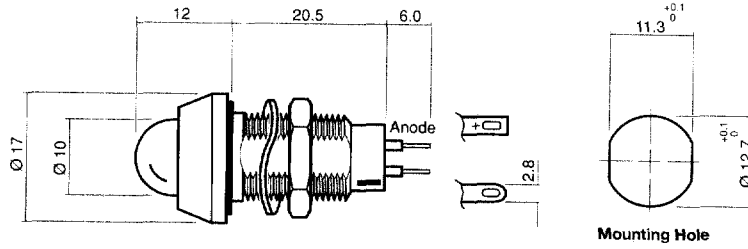


651 Series: | Ø 12.7 mm Mounting Domed Lens (Voltage Option)

- Black anodising aluminium
- Robust lens assembly
- Large lens for wide angle viewing
- MLQ 10
- IP67 sealing
- MTBF 90,000hrs

SCALE 1:1
DIMENSIONS IN MM
(TYPICAL)



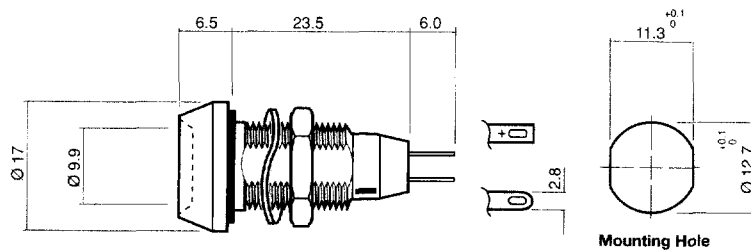
Ordering information and technical characteristics (Ta = 25°C)

Order code	Colour	Lens	Voltage DC Vopr	Current DC Iopr	Luminous Intensity Iv @ Iopr	Wave Length λp	Viewing Angle (Inclusive)	Operating Temp Topr	Storage Temp Tstg
651 - 102 - 04	GaAlAs Red		1.9	20	200	660			
651 - 105 - 04	Red		2.0	20	40	635			
651 - 111 - 04	Yellow		2.1	20	40	590			
651 - 114 - 04	Green		2.2	20	40	565			
651 - 102 - 20	GaAlAs Red		5/6	15/20	150/200	660			
651 - 105 - 20	Red		5/6	15/20	30/40	635			
651 - 111 - 20	Yellow		5/6	15/20	30/40	590			
651 - 114 - 20	Green		5/6	15/20	30/40	565			
651 - 102 - 21	GaAlAs Red		12	20	200	660			
651 - 105 - 21	Red		12	20	40	635			
651 - 111 - 21	Yellow		12	20	40	590			
651 - 114 - 21	Green		12	20	40	565			
651 - 102 - 22	GaAlAs Red	Coloured Diffused	24	20	200	660	180	-40 to +85	-50 to +100
651 - 105 - 22	Red		24	20	40	635			
651 - 111 - 22	Yellow		24	20	40	590			
651 - 114 - 22	Green		24	20	40	565			
651 - 102 - 23	GaAlAs Red		28	20	200	660			
651 - 105 - 23	Red		28	20	40	635			
651 - 111 - 23	Yellow		28	20	40	590			
651 - 114 - 23	Green		28	20	40	565			
651 - 102 - 24	GaAlAs Red		48	20	200	660			
651 - 105 - 24	Red		48	20	40	635			
651 - 111 - 24	Yellow		48	20	40	590			
651 - 114 - 24	Green		48	20	40	565			
			V	mA	mcd	nm	deg	°C	°C

631 Series: | Ø 12.7 mm Mounting Flat Lens (Neon)

- High brightness neon elements in three colours
- Medium voltage operation
- IP67 sealing
- MTBF half life 25,000hrs (Green 10,000hrs)

SCALE 1:1
DIMENSIONS IN MM
(TYPICAL)



Ordering information and technical characteristics (Ta = 25°C)

Order code	Colour	Lens	Voltage AC Vopr	Current AC Iopr	Luminous Flux φ @ Iopr	Viewing Angle (Inclusive)	Operating Temp Topr	Storage Temp Tstg
631 - 596 - 75	Red		110	1.5	0.2			
631 - 598 - 75	Orange		110	1.5	0.2			
631 - 597 - 75	Green		110	1.5	0.2			
631 - 596 - 76	Red	Coloured Diffused	240	1.8	0.3	120	-40 to +85	-50 to +100
631 - 598 - 76	Orange		240	1.8	0.3			
631 - 597 - 76	Green		240	1.8	0.3			
			V	mA	Lm	deg	°C	°C