

Tri-Colour Standard and Super-Bright 5mm Flashing LEDs

Kingbright

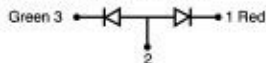


Common cathode configuration



green 3 → 565nm red 1 → 625nm yellow 2 → 590nm

Common Anode Configuration



L (body) 8.6 Dia. 5 Lead pitch 2.54

Leads 0.5sq.

Three types of **common cathode** configuration and a **common anode** (red(H.E.)/green) tri-colour LED housed in a T1^{3/4} (5mm) plastic package with milky-white diffused lens. A third colour (mixed colour) is produced when both LEDs are on. Applications include polarity indication, null indication, logic output status, go/no-go indicating etc., the common anode device is better suited for use in logic and CMOS drive circuits.

For suitable mounting clip, ring and lens mounts refer to this section.

technical specification

	red(HE)/ gm cathode	red(HE)/ gm anode	red(HE)/ yellow	green/ yellow	sup.brt.red/ sup.brt.gm	units
<i>Kingbright</i>						
part no.	L-59EGW	L-59EGW-CA	L-59EYW	L-59GYW	L59SRSGW-CC	
I _F (typ)	20	20	20	20	20	mA
I _F (max)	30rd/25gn	30rd/25gn	30rd/30yw	25gn/30yw	30rd/25gn	mA
V _F (typ)	2rd/2.2gn	2rd/2.2gn	2rd/2.1yw	2.2gn/2.1yw	1.85rd/2.2gn	V
V _R (max)	5	5	5	5	5	V
Intensity (min)	20	3.2	20	20	100rd/40gn	mcd
Intensity (max)	90rd/70gn	8	90rd/60yw	70gn/60yw	300rd/80gn	mcd
View angle (typ)	60	60	60	60	60	deg
Peak wavelength	625rd/ 565gn	625rd/ 565gn	625rd/ 590yw	565gn/ 590yw	660rd/ 565gn	nm
Power diss. (max)	105	105	105	105	100rd/ 105gn	mW
Operating temp. range -40°C to +85°C						

SSM = 1

type	stock no.	price each		
common cathode		1-49	50-99	100-499
rd(HE)/gn	228-5764	£0.69	£0.58	£0.50
rd(HE)/yw	228-5786	£0.69	£0.58	£0.50
grn/yw	228-5792	£0.69	£0.58	£0.50
supbrt.red/ supbrt.gn	228-5809	£0.73	£0.67	£0.54
common anode				
rd(HE)gn	228-5770	£0.69	£0.58	£0.50