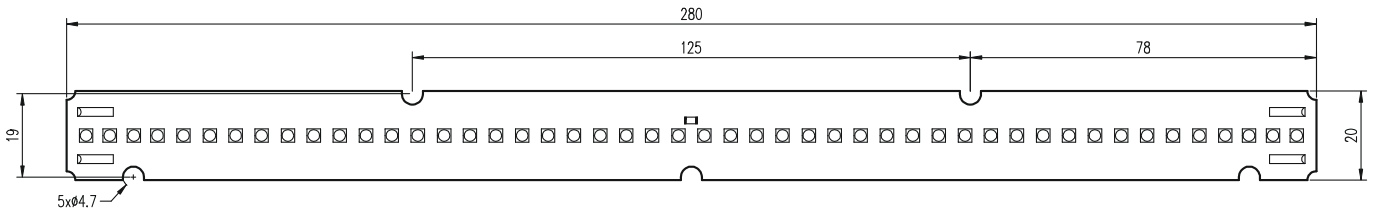


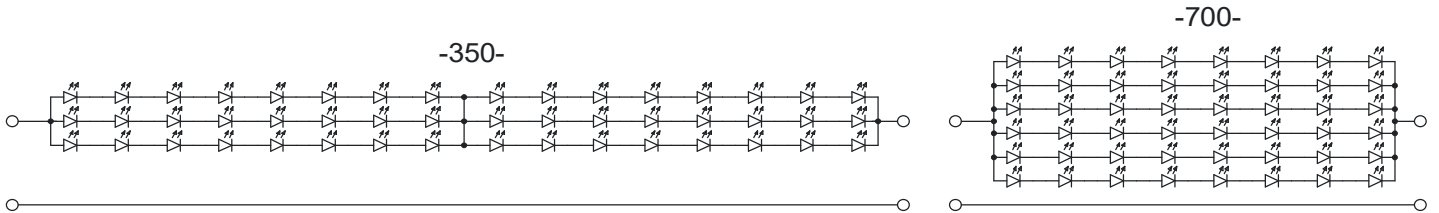
A2820L48

STANDARD

Technical drawing



Circuit diagram



Product features

- Standard Deviation Colour Matching (SDCM) < 3
- Metal Core PCB
- Improved spring terminals

- Maximum current • 450 / 900 mA*
- Maximum temperature T_c • +85° C
- Minimum ambient temperature • -20° C
- Lifetime (according to L80B10) • > 61 000 h

*according to circuit configurations: 350 mA/700 mA

Connection wire requirements



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STANDARD

CODE	Ra	CCT [K]	Supply current [mA]	Average forward voltage [V]	Luminous flux [lm]	Luminous efficacy [lm/W]	Power [W]		
A2820L48-350-827G	80	2700	350	44,5	2400	156	15,5		
A2820L48-700-827G			700	22,3					
A2820L48-350-827K			350	43,8	2500	166	15,2		
A2820L48-700-827K			700	21,9					
A2820L48-350-830G		3000	2700	350	44,5	2500	161	15,5	
A2820L48-700-830G				700	22,3				
A2820L48-350-830K			3000	2700	350	43,8	2600	171	15,2
A2820L48-700-830K					700	21,9			
A2820L48-350-830L			3000	2700	350	43,6	2900	193	15,1
A2820L48-700-830L					700	21,8			
A2820L48-350-840G		4000	2700	350	44,5	2600	169	15,5	
A2820L48-700-840G				700	22,3				
A2820L48-350-840K			4000	2700	350	43,8	2700	179	15,2
A2820L48-700-840K					700	21,9			
A2820L48-350-840L			4000	2700	350	43,6	2900	193	15,1
A2820L48-700-840L					700	21,8			
A2820L48-350-850G			5000	2700	350	44,5	2650	171	15,5
A2820L48-700-850G					700	22,3			
A2820L48-350-850K		5000		2700	350	43,8	2750	181	15,2
A2820L48-700-850K					700	21,9			
A2820L48-350-850L	5000	2700		350	43,6	2900	193	15,1	
A2820L48-700-850L				700	21,8				
A2820L48-350-927G	90	2700	350	44,5	2050	133	15,5		
A2820L48-700-927G			700	22,3					
A2820L48-350-930G		3000	2700	350	44,5	2100	137	15,5	
A2820L48-700-930G				700	22,3				
A2820L48-350-940G		4000	2700	350	44,5	2200	144	15,5	
A2820L48-700-940G				700	22,3				

The above data refers to average parametres valid in Tj=25 °C