



Item	Symbol	Value	Unit
Max Power	P	43.52	W
DC Forward Current	IF	1280	mA
Reverse Voltage	V <sub>R</sub>	-50	V
Junction Temperature	T <sub>j</sub>	130	°C
Operating Temperature	T <sub>OPR</sub>	-30~+60	°C
Storage Temperature	T <sub>STG</sub>	-35~+100	°C
Thermal Resistance	R <sub>θJ-B</sub>	0.61~0.71	°C/W
Electrostatic Limit	ESD	2000	V
Soldering Temperature		350°C/3-5S	

### 1) M36-02L

Chip	Parameter	Condition	CRI	Min.	Typ.	Max.	Lm/W	Unit
/	Forward Voltage	IF=1280mA /Ta=25°C	/	30	32.5	34	/	V
Bridgelux 17*34mil	Luminous Flux	CCT:3000K 1280mA	80	4200	4400	4600	>100	Lm(Lm/W)
		CCT:4000K 1280mA		4400	4600	4800	>105	
		CCT:6000K 1280mA		4400	4600	4800	>105	
		CCT:3000K 1280mA	90	3200	3400	3600	>75	
		CCT:4000K 1280mA		3400	3600	3800	>80	
		CCT:6000K 1280mA		3400	3600	3800	>80	
Dehao 14*30mil	Luminous Flux	CCT:3000K 1280mA	80	4000	4200	4400	>95	
		CCT:4000K 1280mA		4200	4400	4600	>100	
		CCT:6000K 1280mA		4200	4400	4600	>100	
		CCT:3000K 1280mA	90	3000	3200	3400	>70	
		CCT:4000K 1280mA		3200	3400	3600	>75	

		CCT:6000K 1280mA		3200	3400	3600	>75	
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## 2) M40-01L

Chip	Parameter	Condition	CRI	Min.	Typ.	Max.	Lm/W	Unit
/	Forward Voltage	IF=1280mA /Ta=25 °C	/	30	32.5	34	/	V
Bridgelux 17*34mil	Luminous Flux	CCT:3000K 1280mA	80	4280	4480	4680	>105	Lm(Lm/W)
		CCT:4000K 1280mA		4480	4680	4880	>110	
		CCT:6000K 1280mA		4480	4680	4880	>110	
		CCT:3000K 1280mA	90	3280	3480	3680	>80	
		CCT:4000K 1280mA		3480	3680	3880	>85	
		CCT:6000K 1280mA		3480	3680	3880	>85	
Dehao 14*30mil	Luminous Flux	CCT:3000K 1280mA	80	4080	4280	4480	>100	
		CCT:4000K 1280mA		4280	4480	4680	>105	
		CCT:6000K 1280mA		4280	4480	4680	>105	
		CCT:3000K 1280mA	90	3080	3280	3480	>75	
		CCT:4000K 1280mA		3280	3480	3680	>80	
		CCT:6000K 1280mA		3280	3480	3680	>80	

## 3) M54-01L

Chip	Parameter	Condition	CRI	Min.	Typ.	Max.	Lm/W	Unit
/	Forward Voltage	IF=1280mA /Ta=25 °C	/	30	32.5	34	/	V
Bridgelux 17*34mil	Luminous Flux	CCT:3000K 1280mA	80	4400	4600	4800	>110	Lm(Lm/W)
		CCT:4000K 1280mA		4600	4800	5000	>115	

		CCT:6000K 1280mA		4600	4800	5000	>115
		CCT:3000K 1280mA		3400	3600	3800	>85
		CCT:4000K 1280mA	90	3600	3800	4000	>90
		CCT:6000K 1280mA		3600	3800	4000	>90
Dehao 14*30mil	Luminous Flux	CCT:3000K 1280mA		4200	4400	4600	>105
		CCT:4000K 1280mA	80	4400	4600	4800	>110
		CCT:6000K 1280mA		4400	4600	4800	>110
		CCT:3000K 1280mA		3200	3400	3600	>80
		CCT:4000K 1280mA	90	3400	3600	3800	>85
		CCT:6000K 1280mA		3400	3600	3800	>85