

贴片 LED

PICOLED® (露克镭)																				
Package size(mm)	Part No.	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)						Electrical and Optical Characteristics (Ta=25°C)										
				Power Dissipation Pd (mW)	Forward Current If (mA)	Peak Forward Current Ifp (mA)	Reverse Voltage Vr (V)	Operating Temperature Topr (°C)	Storage Temperature Tstg (°C)	Forward Voltage Vf (V)	Reverse Current Ir (mA)	Max. Ir (μA)	Vr (V)	Dominant Wavelength λD (nm)			Luminous Intensity Iv (mcd)			
PICOLED [®] -eco 1.0x0.6 (t=0.2)	SML-P11VT(R)	AlGaInP	Red	50		100 ^{※2}	5	-40 to +85	-40 to +100	1.8				621	626	631		1.6	4.0	
	SML-P11UT(R)		Orange	52	20					1	10	5		616	621	626		1.0	2.5	
	SML-P11DT(R)		Yellow												602	605	608		4.0	7.3
	SML-P11YT(R)		Yellowish-Green												583	586	589		7.6	
	SML-P11MT(R)		White	54											566	569	572		1.0	2.1
PICOLED [®] (露克镭) 1.0x0.6 (t=0.2)	SML-P12VT(R)	AlGaInP	Red	50		100 ^{※2}				2.0				625	630	635		25	(40)	
	SML-P12UT(R)		Orange	52	20					2.1	20	10		615	620	625		40	(60)	
	SML-P12DT(R)		Yellow											602	605	608		63	(82)	
	SML-P12YT(R)		Yellowish-Green											587	590	593		40	(70)	
	SML-P12MT(R)	Green	54			5	-40 to +85	-40 to +100	2.2		5		569	572	575		10	(25)		
	SML-P12PT(R)	Bluish-Green											557	560	563		2.5	(6.3)		
	SMLP13EC8T	Blue	33	10	50 ^{※2}				3.0				520	527	535		(56)	(110)		
	SMLP13BC8T	White							2.9	5	100		465	470	475		(9)	(25)		
SCMP13WBC8W												(x,y)	(0.30,0.30)		90	150				
< 1608 型 >																				
1.6x0.8 (t=0.36)	SML-E12V8W	AlGaInP	Red	54	20	100 ^{※2}		-40 to +85	-40 to +100	2.2				625	630	635		16	40	
	SML-E12UW		Orange	62	25	60 ^{※1}		-30 to +85	-40 to +85	2.1				619	624	629		36	100	
	SML-E12U8W		Yellow	54	20	100 ^{※2}		-40 to +85	-40 to +100	2.2				615	620	625		25	63	
	SML-E12DW		Yellowish-Green	62	25	60 ^{※1}		-30 to +85	-40 to +85	1.9				604	606	610		56	200	
	SML-E12D8W		Green				5					10	5	602	605	608		20	40	
	SML-E12Y8W	White	54							2.2			587	590	593		25	63		
	SML-E12M8W	Blue		20	100 ^{※2}		-40 to +85	-40 to +100					569	572	575		10	25		
	SML-E12P8W	Bluish-Green											557	560	563		2.5	6.3		
	SML-E13EC8T	Blue	68						3.0				520	527	535		56	120		
	SML-E13BC8T	White	66						2.9	5			465	470	475		14	40		
	SML-E13WBC8W	White	33	10	50 ^{※2}						100		(x,y)	(0.30,0.30)		56	120			
1.6x0.8 (t=0.55)	☆SML-D15VW(A)	AlGaInP	Red	84	35			-40 to +100		(2.0)		(10)		627	630	634		(71.0)	—	
	SML-D14VW(A)			72	30			-40 to +85		2.0		10		619	624	629		71	100	
	SML-D13VW(A)			54	20			-40 to +85		2.2				625		635		35.5	55	
	SML-D12V8W			84	35			-40 to +100		(2.0)		(10)		616		624		(71.0)	—	
	SML-D13U8W			72	30			-40 to +85		2.1		10		615	620	625		56	(85)	
	SML-D12U8W			54	20			-40 to +85		2.2				615		625		40	70	
	☆SML-D15U2W(A)		84	35			-40 to +100		(2.0)		(10)		611	615	619		20	25	63	
	SML-D14U2W(A)		75	30			-40 to +100		(2.0)		10		611	615	619		20	90	160	
	☆SML-D15D8W(A)		84	35			-40 to +100		(2.0)		(10)							(112)	—	
	SML-D14D8W(A)		75	30			-40 to +85		2.0				602	605	608			112	200	
	SML-D13D8W(A)		72	30			-40 to +85		(2.0)		10							71	(120)	
	SML-D12D8W		54	20			-40 to +85		2.2									40	100	
	☆SML-D15Y8W(A)	87	35			-40 to +100		(2.1)		(10)							(112)	—		
	SML-D14Y8W(A)	75	30			-40 to +100		2.1				587	590	593			112	200		
	SML-D13Y8W	54	20	100 ^{※2}		-40 to +85		-40 to +100	2.2		10						63	100		
	SML-D12Y8W	67	25			-40 to +85			1.85				585	588	591		2	1.6	4.0	
	SML-D12W8W(A)	52	20		12	-40 to +100			2.0		2	12	586	587.5	589		2	4.5	7.1	
	☆SML-D15WW(A)	87	35			-40 to +100		(2.1)		(10)			590					(112)	—	
	SML-D14WW(A)	75	30			-40 to +100			2.1				584	587	591			112	180	
	SML-D13WW(A)	78	30			-40 to +85			(2.1)		10		578	581	584			71	(110)	
	SML-D12Y3W					-40 to +85												40	(80)	
	SML-D13M8W	54	20			-40 to +85			2.2				568	572	574			16	40	
	SML-D12M8W					-40 to +100			(2.1)		20		569	572	575		20	10	25	
	☆SML-D15MW(A)	87	35			-40 to +100			(2.1)		(10)		568	571	574			(35.5)	—	
	SML-D14MW(A)	75	30			-40 to +85			2.1									35.5	(60)	
	SML-D13MW(A)					-40 to +85			2.2		10		563	564.5	566			28	45	
	SML-D12FW	67	25			-40 to +85			2.2				561	564	567			14	18	
	SML-D13FW	75	30			-40 to +100			2.1				561	564	567			18	22	
	☆SML-D15PW(A)	87	35			-40 to +100			(2.1)		(10)							(11.2)	—	
	SML-D12P8W	54	20			-40 to +85			2.2		10		557	560	563			2.5	6.3	

※1:Duty1/5, 200Hz ※2:Duty1/10, 1kHz ※3:Duty≤1/20, 1ms ※4:Duty≤1/5, 1kHz ※5:Duty≤1/10, 10ms Max ※6:参考值
 *关于白色, 用色度坐标(x, y)标记。
 PICOLED®是罗姆株式会社的注册商标。

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