

Model Name Information for LED Products

This application note provides information on the model names of LED products.

It also includes past model names, including those that are not recommended LED product type name rules.

LED Product Model Naming Rules: The model names of LED products are classified as follows.

1. CHIP LED Mono-color

1-1 Mono-color (-) Red•Orange•Yellow•Yellow Green•Green(F,P)•IR•Phototransistor•Photo diode

1-2 Mono-color (No -) Blue(B)•Green(E)•White(WB)

1-3 Mono-color CSL series Red•Orange•Yellow•Yellow Green•Green•Blue•White•IR

2. CHIP LED 2color

2-1 2color (-) 2color (Yellow Green /Red, Yellow Green /Orange, Yellow Green /Yellow, Yellow/Red, Yellow Green /Red, Green/ Red)

2-2 2color (No -) 2color (Blue/Red)

2-3 2color (No -) MSL series 2color (Green/Red, Yellow/Red, Blue/Yellow)

3. CHIP LED 3color

3-1 3color RGB



3-2 3color RGB MSL series

4. LAMP LED

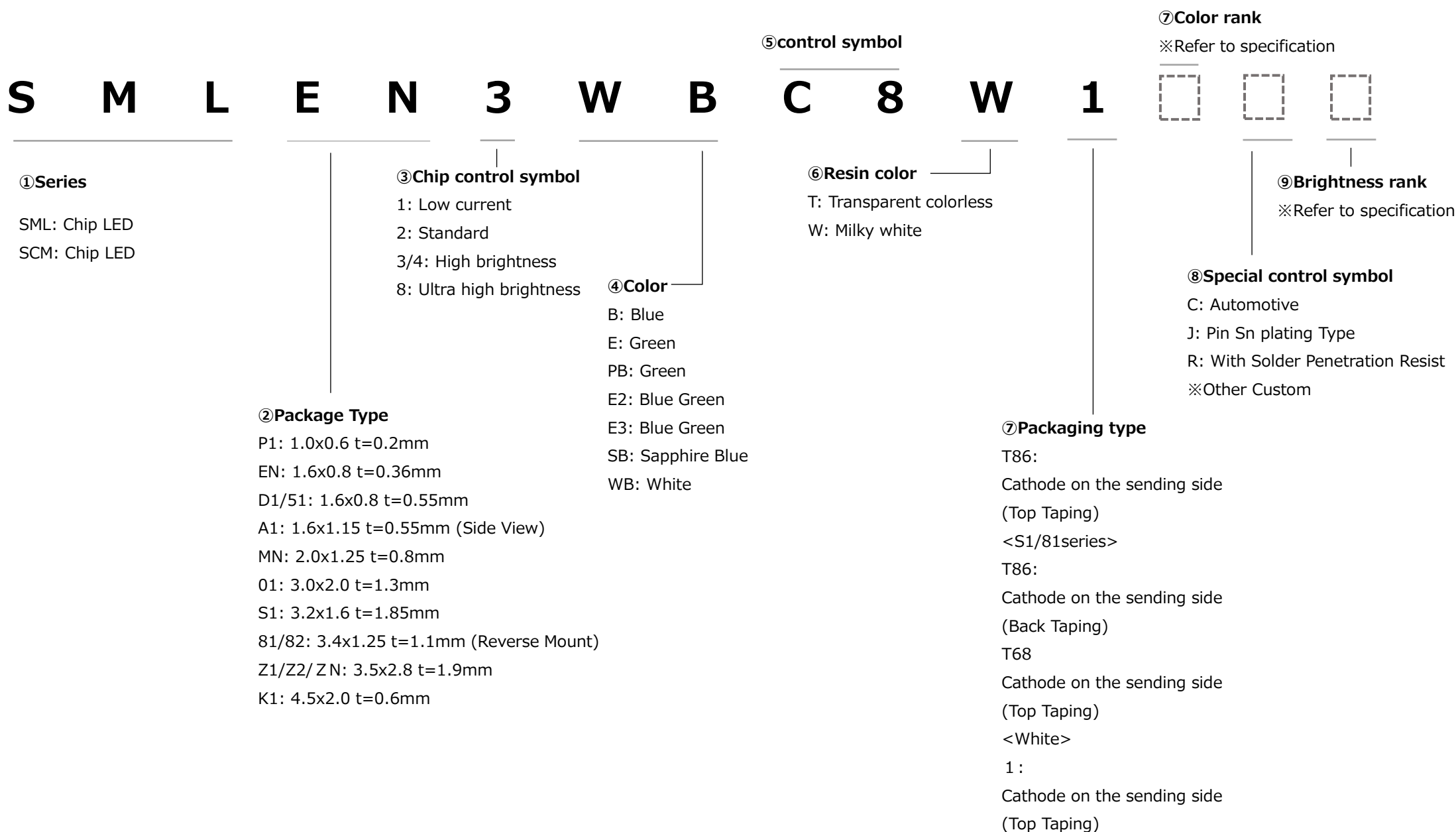
4-1 Mono-color (-) Red•Orange•Yellow•Yellow Green•Green

4-2 Mono-color (No -) Green•Blue•White

1-1 CHIP LED Mono-color (-) Red・Orange・Yellow・Yellow Green・Green(F,P)・IR・Phototransistor・Photo diode

S			M	L	-	D	1	2	V	⑤control symbol		8	W	T	8	6						
①Series						②Package Type			③Chip control symbol			④Color			⑥Resin color			⑦Packaging type			⑨Brightness rank	
SML: CHIP LED						P1: 1.0x0.6 t=0.2mm			0: Low brightness			L: Red			T: Transparent colorless			T86:			※Refer to specification	
SCM: CHIP LED						E1: 1.6x0.8 t=0.36mm			1: Low current			V: Red			W: Milky white			(Cathode on the sending side (Top Taping)				
						D1: 1.6x0.8 t=0.55mm			2: Standard			U: Red			B: Black			<S1/81series>				
						A1: 1.6x1.15 t=0.55mm (Side View)			3/4: High brightness			Y2: Yellow						T86:				
						H1/M1:2.0x1.25 t=0.8mm			5: High brightness (Single rank)			M2: Yellow Green						(Cathode on the sending side (Back Taping)				
						01: 3.0x2.0 t=1.3mm						M: Yellow Green						T68				
						01(SCM):3.0x1.5 t=2.2mm						F: Green						(Cathode on the sending side (Top Taping)				
						S1: 3.2x1.6 t=1.85mm						P: Green									⑧Special control symbol	
						81: 3.4x1.25 t=1.1mm (Reverse Mount)						R/R2/R3:IR(NIR)									C: Automotive	
						Z1: 3.5x2.8 t=1.9mm						T: Phototransistor									J: Pin Sn plating Type	
												PD: Photo diode									R: With Solder Penetration Resist	
																					※Other Custom	

1-2 CHIP LED Mono-color (No -) Blue(B)・Green(E)・White(WB)





1-3 CHIP LED Mono-color CSL series Red・Orange・Yellow・Yellow Green・Green・Blue・White・IR



C S L 0 9 0 1 B T 1   

①Series CSL: Chip LED	②Package Type 04:2.8x 1.15t=0.8mm 07:2.9x2.4t=3.1mm 09:1.6x0.8t=1.24mm 10:1.6x0.8t=1.06mm 11:1.6x0.8t=0.55mm 17:1.6x0.8t=0.55mm 19:1.6x0.8t=0.55mm 21:1.6x0.8t=0.55mm	③Chip control symbol	④Color B: Blue V: Red U: Red D:Orange Y: Yellow W: Yellow M: Yellow Green E: Green P: Green WB: White	⑤Resin color T: Transparent colorless W: Milky white	⑥Packaging type 1: Cathode on the sending side (Top Taping) 5: Cathode on the sending side (Big reel)	⑦Color rank ※Refer to specification	⑧Special control symbol C: Automotive ※Other Custom	⑨Brightness rank ※Refer to specification
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
2-1 CHIP LED 2color (-) 2color (Yellow Green /Red, Yellow Green /Orange, Yellow Green /Yellow, Yellow/Red, Yellow Green /Red, Green/ Red)

S	M	L	-	D	2	2	M	U	W	T	8	6		
①Series SML: Chip LED	②Package Type P2: 1.0x 1.0t=0.2mm 52: 1.5x 1.3t=0.6mm D2: 1.6x0.8 t=0.55mm 01/02: 3.0x 2.0t=1.3mm 82: 3.4x1.25 t=1.1mm (Reverse Mount)			③Chip control symbol 0: Low brightness 2: Standard 4/5: High brightness			④Color MV: Yellow Green /Red MU: Yellow Green /Red MD: Yellow Green /Orange MY: Yellow Green /Yellow YV: Yellow/Red		⑤Resin color T: Transparent colorless W: Milky white	⑥Packaging type T86: Cathode on the sending side (Top Taping) <82series> T86: Cathode on the sending side (Back Taping)	⑦Special control symbol R: With Solder Penetration Resist ※Other Custom			⑧Brightness rank ※Refer to specification

2-2 CHIP LED 2color (No -) 2color (Blue/Red)

S	M	L	5	2	2	B	U	N	W	T	8	6		
①Series SML: Chip LED	②Package Type 52:1.3×1.5 t=0.6mm			③Chip control symbol 2: Standard			④Color BU: Blue/Red	⑤control symbol	⑥Resin color W: Milky white	⑦Packaging type T86: Cathode on the sending side (Top Taping)	⑧Special control symbol C: Automotive ※Other Custom			⑨Brightness rank ※Refer to specification

2-3 CHIP LED 2color (No -) MSL series 2color(Green/Red, Yellow/Red, Blue/Yellow)

M	S	L	0	8	0	1	M	U	W	1		
①Series MSL: Multi-color			②Package Type 08:1.6×1.06×0.8mm (Side View)		③Chip control symbol		④Color MU: Green/Red YV: Yellow/Red BY: Blue/Yellow		⑤Resin color W: Milky white		⑦Special control symbol	
									⑥Packaging type 1: Cathode on the sending side (Side Taping)		⑧Brightness rank ※Refer to specification	

3-1 CHIP LED 3color RGB

S M L P 3 4 R G B N 1 W 3

①Series

SML: Chip LED

②Package Type

P34: 1.0x1.0 t=0.2mm (4pin)

P36: 1.5x1.0 t=0.2mm (6pin)

VN6: 3.5x2.8 t=0.6mm (6pin)

③Color

RGB: Red/Green/Blue

④control symbol

⑤Resin

U: Silicone

W: Epoxy

⑦Dominant wavelength rank

※Refer to specification

⑨Brightness rank

※Refer to specification



⑧Special control symbol

C: Automotive

※Other Custom

⑥Packaging type

1: Cathode on the sending side

(Top Taping)

3: Cathode on the sending side

(Pitch 2mm)

3-2 CHIP LED 3color RGB

M S L 0 4 0 2 R G B U 1

①Series

MSL: Chip LED

③Chip control symbol

④Color

RGB: Red/Green/Blue

⑤Resin

U: Silicone

W: Epoxy

⑦Color rank

※Refer to specification

⑨Brightness rank

※Refer to specification



⑧Special control symbol

C: Automotive

※Other Custom

②Package Type

04: 1.8x 1.6t=0.5mm (Top View)

01: 6.9x 2.2t=2.15mm (Side View)

06: 2.9x 1.35t=1.0mm (Side View)

⑥Packaging type


1: Cathode on the sending side (Top Taping)

※MSL04 : Feed hole side ③④pin (Top Taping)

※MSL01: Feed hole side ①pin (Side Taping)



4-1 LAMP LED Mono-color (-) Red・Orange・Yellow・Yellow Green・Green

S L I - 3 4 3 V 8 R 3 F  

①Series SLI:1-Die Circular type, High Brightness LED Lamps SLR: 1-Die Circular type LED Lamp SLA: 1-Die Circular type, High Brightness LED Lamps	②Package Type 343: Circular typeφ3 332: Circular typeφ3 342: Circular typeφ3.1 325: Circular typeφ3.2 56: Circular typeφ5 560: Circular typeφ5 570: Circular typeφ5 580: Circular typeφ5 430: Oval typeφ4 322:Flat Disk typeφ3	③Color L: Red V: Red U: Red U2: Red D: Orange Y: Yellow Y2: Yellow M: Yellow Green P: Green	④control symbol ⑤Resin color R: <Red>Diffused colored U: <Orange>Diffused colored Y: <Yellow>Diffused colored G: <Yellowish green>Diffused colored C: Transparent colored T: Transparent colorless	⑥Packaging type 3F: 1-Die straight bulk T□□: Refer to taping specifications in the specification sheet (T32/T31: Straight TB7/TC7/TE7/TF7: Forming)	⑦Special control symbol  	⑧Brightness rank ※Refer to specification
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4-2 LAMP LED Mono-color (No -) Green・Blue・White

S L R 3 4 3 W B N 2 P T 2   

①Series SLR: 1-Die Circular type LED Lam SLA: 1-Die Circular type, High Brightness LED Lamps SLD: 1-Die Oval type LED Lamp	②Package Type 343: Circular typeφ3 560: Circular typeφ5 580: Circular typeφ5 430: Oval typeφ4	③Color E: Green B: Blue WB: White	④control symbol ⑤Resin color T: Transparent colorless W: Milky white	⑥Packaging type 3F: 1-Die straight bulk T□□: Refer to taping specifications in the specification sheet (T32/T31: Straight TB7/TC7/TE7/TF7: Forming) < White > 3: 1-Die straight bulk 1/2: Taping	⑦Color rank ※Refer to specification	⑧Special control symbol  	⑨Brightness rank ※Refer to specification
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