

●Product No.Configuration

〈Chip LEDs〉

[SML series/SCM series]

■Exclude Mono-color (Blue (B), Green (E), White (WB) and RGB),2 color BU(Blue/Red)

S	M	L	-	D	1	2	V		8		W	T	8	6				
Series name				Package shape		Type of Element		Color			Resin color	Packaging type			Special control symbol		Brightness rank	
								Chip control symbol		Remarks				T86 Cathode at sprocket hole side (the top)		Refer to specification		
														<in case of S1/81 series>				
														T86 Cathode at sprocket hole side (the back)				
														T68 Cathode at sprocket hole side (the top)				
SML chip LED series				P1 1.0x0.6 t=0.2mm		0 Low current		V Red		T Transparent colorless								
				E1 1.6x0.8 t=0.36mm		1		U Red		W Milky white								
				D1/D2 1.6x0.8 t=0.55mm		2 High brightness type		U2 Red		B Black								
				H1 2.0x1.25 t=0.8mm		3		D Orange										
				M1 2.0x1.25 t=0.8mm		4 Ultra high brightness type		Y3 Yellow										
				O1/O2 3.0x2.0 t=1.3mm		5		Y Yellow										
				Z1 3.5x2.8 t=1.9mm				W Yellow										
				A1 1.6x1.15 t=0.55mm				Y2 Yellow										
				81/82 3.4x1.25 t=1.1mm				M2 Yellow green										
				S1 3.2x1.6 t=1.85mm				M Yellow green										
				P2 1.0x1.0 t=0.2mm				F Green										
				S2 1.5x1.3 t=0.6mm				P Green										
SCM chip LED series				O1 3.5x1.5 t=2.2mm				MV Yellow green/Red										
								MU Yellow green/Red										
								MD Yellow green/Orange										
								MY Yellow green/Yellow										
								YV Yellow/Red										
								R Infrared										
								T Phototransistor										

[SML series/SCM series]

■Mono-color (Blue (B), Green (E), White (WB) and RGB),2 color BU(Blue/Red)

S

M

L

E

N

3

W

B

C

8

W

1

Series name

Package shape

Color

Chip control symbol

Remarks

Resin color

Packaging type

Brightness rank

Chromaticity rank

(for SMZ24E2/white/RGB LED) or Wavelength rank

(SMLD12E2/D12E3 only)

Special control symbol

T86

Cathode at sprocket hole side (the top)

<in case of white, RGB>

1

Cathode at sprocket hole side (the top)

3

Cathode at sprocket hole side (the top 2mm pitch)

Resin color

T

Transparent Colorless

W

Milky white

Resin

U

Silicone

W

Epoxy

(in case of VN6 series)

T86

Cathode at sprocket hole side (the back)

T68

Cathode at sprocket hole side (the top)

< case of S1 series>

T86

Cathode at sprocket hole side (the back)

T68

Cathode at sprocket hole side (the top)

< case of 81 series>

T86

Cathode at sprocket hole side (the back)

SML

chip LED series

SCM

chip LED series

P1

1.0x0.6 t=0.2mm

EN

1.6x0.8 t=0.36mm

D1

1.6x0.8 t=0.55mm

MN

2.0x1.25 t=0.8mm

Z2/ZN

3.5x2.8 t=1.9mm

A1

1.6x1.15 t=0.55mm

81

3.4x1.25 t=1.1mm

S1

3.2x1.6 t=1.85mm

S2

1.5x1.3 t=0.6mm

P34

1.0x1.0 t=0.2mm

P36

1.5x1.0 t=0.2mm

VN

3.5x2.8 t=0.6mm

O1

3.0x2.0 t=1.3mm

K1/K2

4.5x2.0 t=0.6mm

2

High brightness type

3

Ultra high brightness type

4

6

8

E

Green

E2/E3

Blue Green

B

Blue

WB

White

BU

Blue/Red

RGB

Red/Green/Blue

Product No.Configuration LED

●Product No.Configuration
〈Chip LEDs〉
[CSL series]

C

S

L

0

7

Series name

0

1

Chip control symbol

D

Color

T

5

Resin color

Packaging type

Chromaticity rank (for white LED)

Brightness rank

Remarks

Special control symbol

Refer to specification

CSL

chip LED series

04	2.8x1.2 t=0.8mm
07	2.9x2.4 t=3.1mm
09	1.6x0.8 t=1.24mm
10	1.6x0.8 t=1.24mm
11	1.6x0.8 t=0.55mm
12	1.6x0.8 t=1.24mm
13	1.6x0.8 t=1.06mm
15	1.0x0.5 t=0.55mm
19	1.6x0.8 t=0.55mm

V	Red
U	Red
D	Orange
Y	Yellow
W	Yellow
M	Yellow green
P	Green
E	Green
B	Blue
WB	White
R	IR

T	Transparent colorless
W	Milky white

1	Cathode at sprocket hole side (the top)
5	Cathode at sprocket hole side (big reel)

[MSL series]

M

S

L

0

1

Series name

0

4

Chip control symbol

R

G

B

Color

U

1

Resin color

Packaging type

Chromaticity rank (for RGB LED)

Brightness rank

Remarks

Special control symbol

Refer to specification

MSL

chip LED series

01	6.9x2.2 t=2.15mm
04	1.8x1.6 t=0.5mm
06	2.9x1.35 t=1.0mm

RGB	Red/Green/Blue
-----	----------------

U	Silicone
W	Epoxy

1	Cathode at sprocket hole side (the top)
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Chromaticity rank (for RGB LED)

*MSL0601RGBU is not applied./Refer to specification

Product No.Configuration LED

●Product No.Configuration
(Through-hole LEDs)

■Exclude Mono-color (Blue (B), Green (E), White (WB))

S

L

I

-

3

4

3

V

8

R

C

3

F

Series name

Package shape

Color

Chip control symbol

Remarks

Resin color

Packaging type

Special control symbol

Brightness rank

SLA

1-Die Circular type High Brightness LED Lamps

SLI

1-Die Circular type Low Current High Brightness LED Lamps

SLR

1-Die Circular type LED Lamp

343

φ3 Circular type

332

φ3 Circular type

56

φ5 Circular type

560

φ5 Circular type

570

φ5 Circular type

580

φ5 Circular type

430

Oval type φ4

325

φ3.2 Circular type

322

φ3 Flat disc type

V

Red

U

Red

U2

Red

D

Orange

Y

Yellow

Y2

Yellow

M

Yellow green

P

Green

R

<Red>Diffused colored

U

<Orange>Diffused colored

Y

<Yellow>Diffused colored

G

<Yellowish green>Diffused colored

C

Transparent colored

T

Transparent colorless

3F

1-Die straight bulk

T31

Refer to taping specification

T32

■Mono-color (Blue (B), Green (E), White (WB))

S

L

R

3

4

3

W

B

N

2

P

T

2

Series name

Package shape

Color

Chip control symbol

Remarks

Resin color

Packaging type

Special control symbol

Brightness rank

SLA

1-Die Circular type High Brightness LED Lamps

SLR

1-Die Circular type LED Lamps

343

φ3 Circular type

560

φ5 Circular type

580

φ5 Circular type

BN

Blue

EN

Green

WBN

White

T

Transparent colorless

W

Milky white

3F

1-Die straight bulk

T31

Refer to taping specification

T32

3

1-Die straight bulk

1

Refer to taping specification (same as T31)

2

Refer to specification (same as T32)

Chromaticity rank (for white LED)
*SLA560WBD2PT is not applied.

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