

Pixel (LUL)

Assembled LED lamp incorporates several high intensity LEDs of different colors (red and green). This arrangement provides wider viewing angle and clear visibility and eliminates parallax error. The LEDs are housed in a water tight case for outdoor use. To block the direct sunlight, the hood can extend up to 15 mm and rotate in steps of 30 degrees.

Assembled LED units incorporating these assembled LED lamps are also available. In these units assembled LED lamps are located in a form of matrix.

Emitter surface size (mm)	Part No.	Emitting color	Emitting material	λ_p (nm)	Basic ordering unit	Quantity / package	Quantity / bag	Rank
$\phi 30.5$	LUL-3015MLC10	Red	GaAlAs	660	100	100	100	◎
		Green	GaP	563				
$\phi 54.0$	LUL-5050MLC10	Red	GaAlAs	660	60	60	60	◎
		Green	GaP	563				
$\square 80$ ($\phi 18 \times 16$ Dot)	LUL-C08018ML1	Red	GaAlAs	660	50	50	50	◎
		Green	GaP	563				

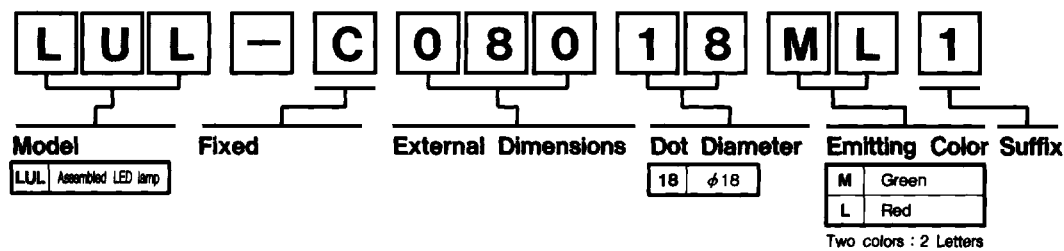
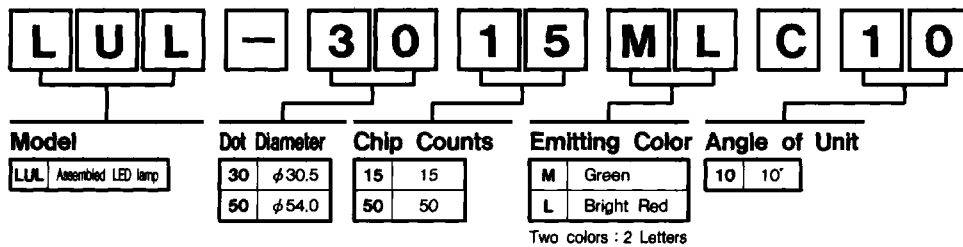
◎ : Standard products

●Product Designation

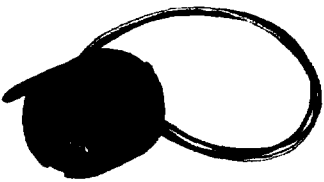
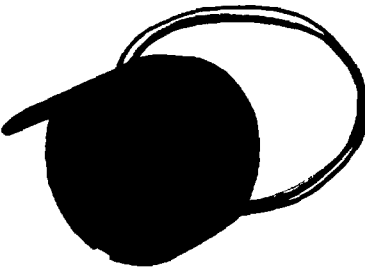
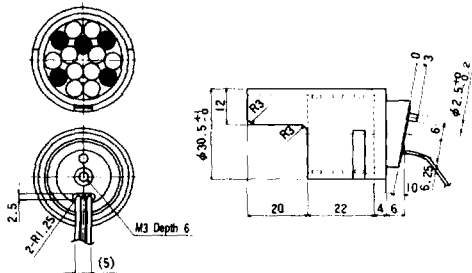
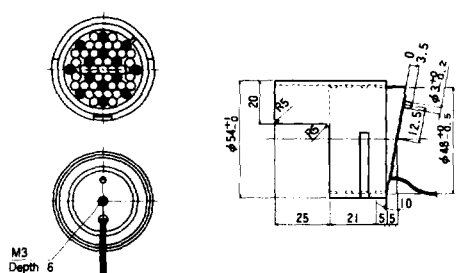
- When ordering, specify the type.
- Check each code against the code tables shown below.
- Fill a space with the next character.

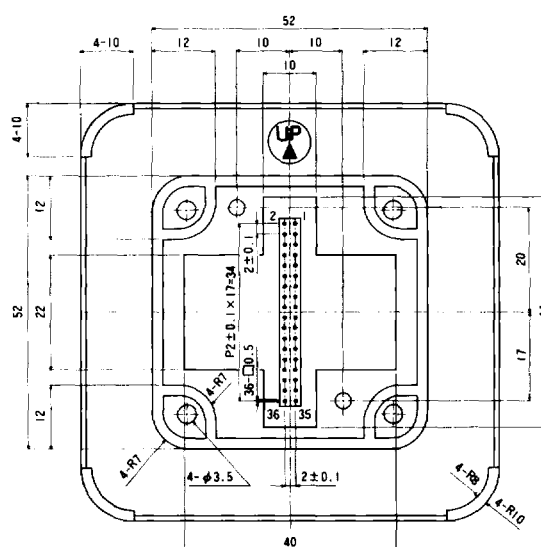
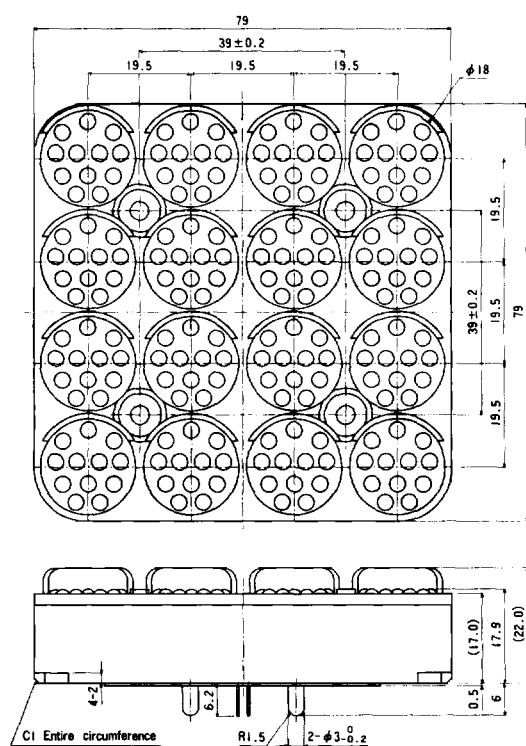
B	Lamp Viewing Angle 2θ ($1/2$) = $\pm 10^\circ$ (Typ.)
C	Lamp Viewing Angle 2θ ($1/2$) = $\pm 25^\circ$ (Typ.)

Viewing Angle



(Unit : mm)

LUL-3015 MLC10	LUL-5050 MLC10
	
 Top view: $\phi 30.5 \pm 0.3$, 2.5, 2.81, 1.5, M3 Depth 6, (5) Side view: 12, 20, 22, 4.6, 10, 6, 2.5, 0.2, $\phi 2.5 \pm 0.2$	 Top view: $\phi 54.0 \pm 0.5$, 20, 25, 21, 5.5, 10, 12.5, 3, 3.5, 0.2, $\phi 3.0 \pm 0.2$ Side view: M3 Depth 6



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