

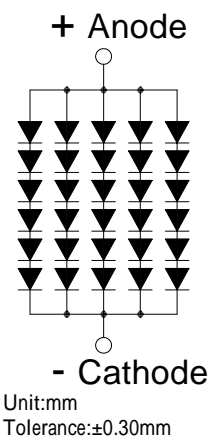
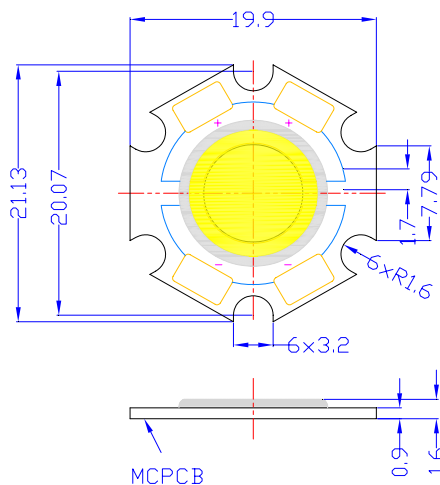
### ■Features

- Highest Luminous Flux
- Super Energy Efficiency
- Long Lifetime Operation
- Superior UV Resistance
- **Efficacy: 120lm/W @ 300mA (5.76W)**

### ■Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting
- Bollards / Security / Garden
- Traffic signaling / Beacons

### ■Outline Dimension



### ■Absolute Maximum Rating

(Ta=25 )

Item	Symbol	Value	Unit
		W/M	
DC Forward Current	I <sub>F</sub>	420	mA
Pulse Forward Current*	I <sub>FP</sub>	600	mA
Reverse Voltage	V <sub>R</sub>	25	V
Power Dissipation	P <sub>D</sub>	8,820	mW
Operating Temperature	Topr	-40 ~ +85	
Storage Temperature	Tstg	-40~ +85	
Lead Soldering Temperature	Tsol	260 /5sec	-

\*Pulse width Max 0.1ms, Duty ratio max 1/10

### ■Directivity

### Electrical -Optical Characteristics

(Ta=25 )

Part Number	Color		V <sub>F</sub> (V)			I <sub>R</sub> (μA)	v(lm)*			λD(nm)*			2θ1/2(deg)
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
			I <sub>F</sub> =300mA			V <sub>R</sub> =5V	I <sub>F</sub> =300mA						
OS4WFLLE1E	White	W	17.4	19.2	21	10	650	700	-	X=0.31, Y=0.33			140
OS5MFLLE1E	Warm White	M	17.4	19.2	21	10	650	700		X=0.44, Y=0.41			140

Note: \*1. Tolerance of chromaticity coordinates is ±10%

\*2. Dominant wavelength tolerance: ±1nm

\*3. Tolerance of luminous Flux is ±15%