

LEDs

10mm Round – Blue Diffused

HL-8055

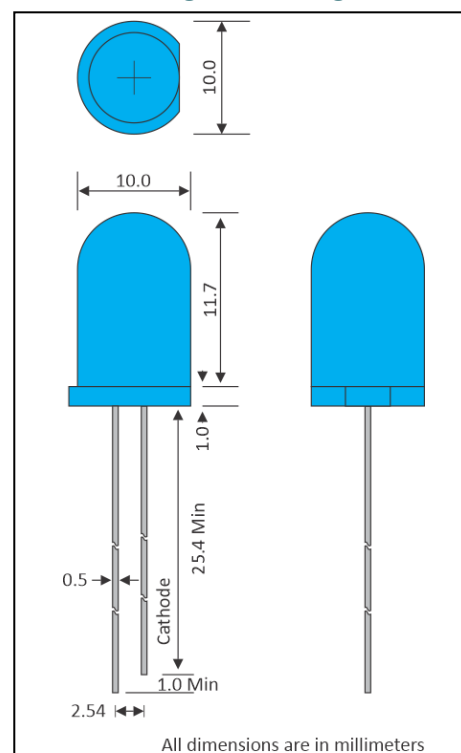
Descriptions:

Emitting Color: Blue

Device Outline: Φ 10mm round type

Lens Type: Blue Difused

Package Configuration



Absolute Maximum Ratings (Ta=25°C)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Operating Temperature Range	-40 °C to +85°C	
Storage Temperature Range	-40 °C to +100°C	
Lead Soldering Temperature[4mm(.157") From Body]	250°C for 5 Seconds	

Electrical and optical characteristics

Parameter	Symbol	Min.	Typ.	Max.	Unit.	Test Condition
Luminous Intensity	I_v	-	10000	-	mcd	$I_f=20\text{mA}$
Viewing Angle	$2\theta_{1/2}$	-	15	-	deg.	
Dominant Wavelength	Δd	455	-	480	nm	