OptoSupply
Light It Up

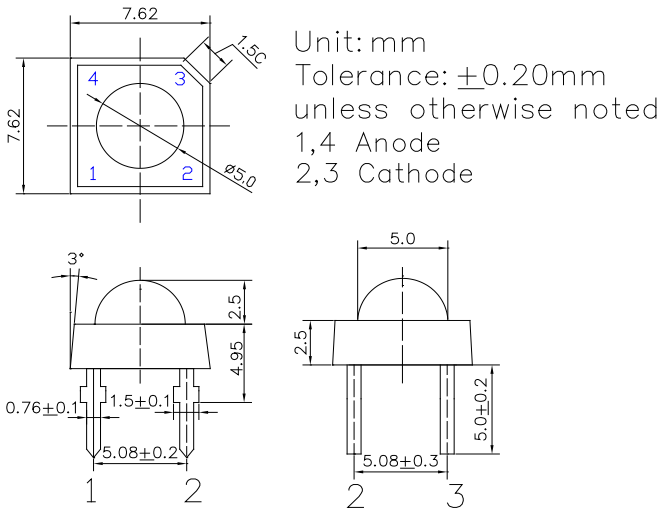
Deluxe Power Super Flux 9V LED

OSXX9VZ2C1P

■Features

- High Luminous Output
- 5 ϕ Standard Directivity
- Long Lifetime Operation
- Water Clear Type
- High Voltage Operation

■Outline Dimension



■Applications

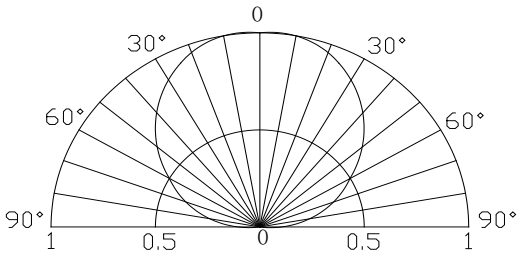
- Electronic Signs and Signals
- Illuminations
- Reading Lamps / Emergency Lighting
- Other Lighting

■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
DC Forward Current	I_F	35	mA
Pulse Forward Current#	I_{FP}	100	mA
Reverse Voltage	V_R	15	V
Power Dissipation	P_D	350	mW
Operating Temperature	Topr	-30 ~ +85	℃
Storage Temperature	Tstg	-40 ~ +100	℃
Lead Soldering Temperature	Tsol	260℃/5sec	-

#Pulse width Max 10ms , Duty ratio max 1/10

■Directivity



Part Number	Color			V_F (V)*1			I_R(μA)	Φv (LM)*2			Iv (mcd)*3			CCT(K)*4/x,y*5			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I_F=30mA			V_R=15V	I_F=30mA									
OSW59VZ2C1P	Cool White	W		-	9	10	10	25	28	-	18000	22000	-	8500-10000-18000K(X:0.27,Y:0.28)			120
OSW49VZ2C1P	Pure White	W		-	9	10	10	25	28	-	18000	22000	-	5500-6500-8500K(X:0.31,Y:0.34)			120
OSM59VZ2C1P	Warm White	M		-	9	10	10	24	27	-	14400	18000	-	2700-3000-3200K(X:0.44,Y:0.41)			120
OSB69VZ2C1P	Ice Blue	B		-	9	10	10	25	28	-	18000	22000	-	X:0.19,Y:0.29			120

*1 Tolerance of measurements of forward voltage is ±0.1V
*2 Tolerance of measurements of luminous flux is ±15%
*3 Tolerance of measurements of luminous intensity is ±15%
*4 Tolerance of measurements of color temperature is ±10%
*5 Tolerance of measurements of chromaticity coordinate is ±10%

LED & Application Technologies

ISO 9001: 2008

The new EU chemicals legislation

ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES