

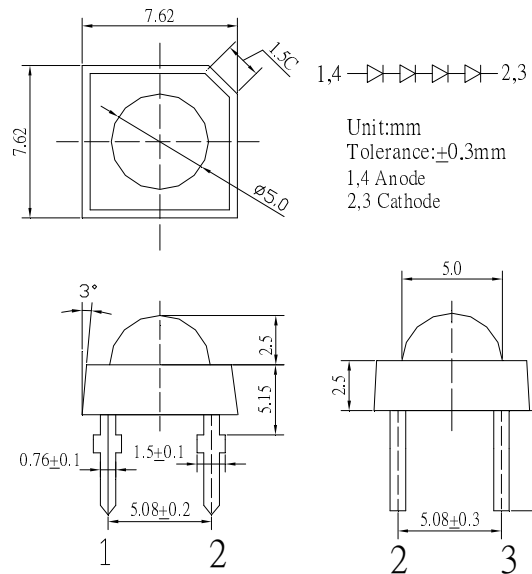
■ Features

- Higher Luminous Output
- 5φ Dome Standard Directivity
- Superior Weather-resistance
- Long Lifetime Operation
- Water Clear Type

■ Applications

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

■ Outline Dimension



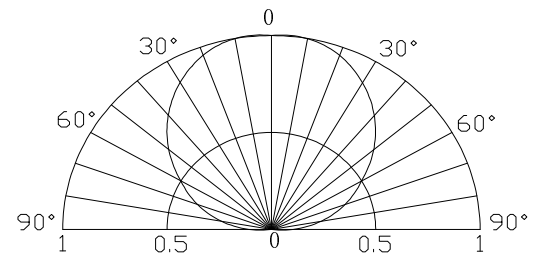
■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	20	mA
Pulse Forward Current*	I _{FP}	40	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	272	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T _{sol}	260°C/5sec	-

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

■ Directivity



■ Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =20mA	11.6	12.0	13.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Luminous Flux	Φ _v	I _F =20mA	28	30	-	lm
Color Temperature	CCT	I _F =20mA	-	6500	-	K
Chromaticity Coordinate*2	x	I _F =20mA	-	0.31	-	
	y	I _F =20mA	-	0.33	-	
50% Power Angle	2θ _{1/2}	I _F =20mA	-	120	-	deg

*1 Tolerance of chromaticity coordinates ±10%

*2 Tolerance of luminous flux is ±15%

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Infrared Emitters - High Power category](#):

Click to view products by [Optosupply manufacturer](#):

Other Similar products are found below :

[IR19-315C/TR8](#) [SFH 4030](#) [SFH 4060](#) [HSM8-V380](#) [HSM9-V380](#) [SFH 5750](#) [PK2S-2KJE-A](#) [PK2S-2LJE-A](#) [PK2S-3KJE-A](#) [PK2S-3KKE-A](#)
[PK2S-3LJE-A](#) [PK2S-4KJE-A](#) [AREQ-90C0-00000](#) [AREQ-80C0-00000](#) [SFH 4775S A01](#) [SST-10-IRD-B90H-S810](#) [SFH 4727A](#) [SFH 4726AS](#)
[SFH 4717AS](#) [AREQ-8020-00000](#) [HR5P-N3FB-00000](#) [HR5P-N2FB-00000](#) [HR5P-N3CB-00000](#) [HR5P-N2CB-00000](#) [HR5P-N3CA-00000](#)
[HR5P-N2CA-00000](#) [HR5P-N2FA-00000](#) [HR5P-N3FA-00000](#) [VSMY2853SLX01](#) [VSMY2853RGX01](#) [VSMY2853GX01](#) [VSMY2850GX01](#)
[IN-P281ASGHIR](#) [IN-P281ASGIR](#) [QEE123](#) [HSDL-4400#011](#) [C3535SIR2C-2B](#) [KM-4457F3C](#) [L-53F3BT](#) [VTE1291W-2H](#) [LL-304IRC4B-](#)
[2AD](#) [LL-503HIRT2E-1CC](#) [LL-503IRC2E-2AC](#) [LL-503IRC2V-2AD](#) [LL-503IRT2E-2AC](#) [LL-503IRT2E-2AE](#) [LL-503SIRC2E-1BD](#) [LL-](#)
[503SIRC2H-1BE](#) [LL-S170IRC-2A](#) [SFH 4259](#)