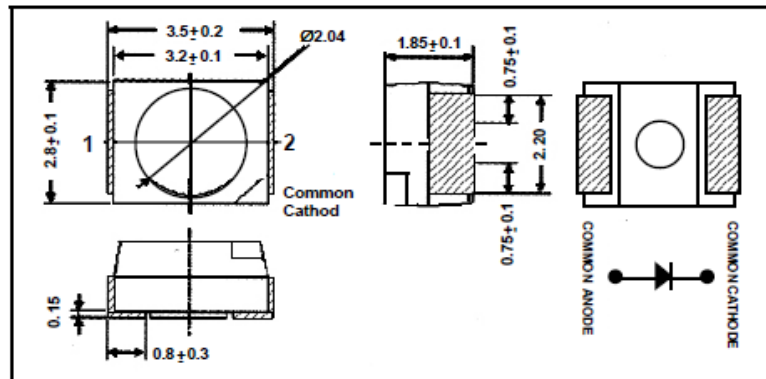


Face Length	MM	3.2
Face Width	MM	2.8
Height	MM	1.8
Pin Spacing	MM	1.5
Row SPacing	MM	3.2
No. of pins	Pins	4
Viewing Angle	2 Φ /2 Deg.	120

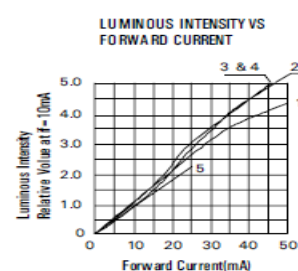
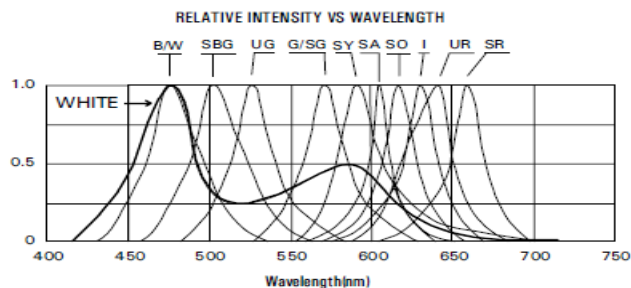
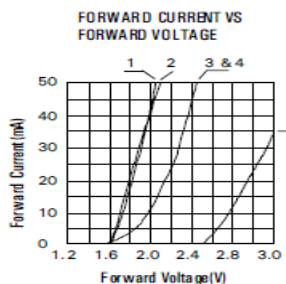


Note : All Dimensions are in mm

Tolerance ± 0.2 mm

PART NO.	Units	Symbol	KLSL3228 W-White	KLSL3228NW Neutral White	KLSL3228WW Warm White	KLSL3228SY S Yellow	KLSL3228SA S Amber	KLSL3228 UR Ultra Red	KLSL3228B Blue	KLSL3228UG Ultra Green
Semiconductor Composition			InGaP	InGaP	InGaP	Al InGaP	Al InGaP	Al InGaP	InGaP	InGaP
Forward Voltage-Typical @20mA	V	V_F	3.30	3.30	3.30	2.10	2.10	1.90	3.30	3.30
Peak Emission Wavelength	μ A	I_R	100	100	100	100	100	100	100	100
Color Correlation Temp CCT- Typ	K	CCT	6000	4500	3000	592	603	645	470	525
Luminous Intensity per Segment @20mA	mcd	I_v		---	---	300	350	800	400	800
Luminous Flux @20mA	lm	ϕ_v	8lm	8lm	8lm	-	-	-	-	-
ABSOLUTE MAXIMUM RATING AT 25°C										
Reverse Voltage	V	V_R	5	5	5	5	5	5	5	5
Forward Current (avg)*	mA	I_F	30	30	30	30	30	30	30	30
Peak Forward Current $T < 1\mu$ s	mA	I_{FS}	70	70	70	70	70	70	70	70
Operating /Storage Temperature Range						40°C TO +85°C				
Lead Soldering Temperature						< 260°C for 5 Seconds				

ELECTRICAL CHARACTERISTIC CURVES



1. AlGaAs : I, SR

2. GaP : G

3 & 4. AlInGaP : SG, SY, SA, UR, SO

5. InGaP : B, BG, UG, W

KPC/KLSL3228

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kwality
ISO 9001-2000

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