

LED Series

KLS9-L Flux LED Lamp Series

IX

KLS9 - L - 501 3 G D - XXX
1 2 3 4 5 6 7

1. Brand: KLS ELECTRONIC

2. Digit Mode: L-Lamp

3. Package Type (style):

4. Leads Type:

0: Surface Mounting Lead for SMD

2: 18mm Lead Length Standard

4: 25.4mm Lead Length with small Reflector

7: 25.4mm Lead Length with 2 Leads for bi-color

1: 20mm Lead Length with Stand-off

3: 25.4mm Lead Length with big Reflector

5: 25.4mm Lead Length with 3 Leads for bi-color

9: 25.4mm Lead Length with 3 Leads for bi-color

5. Color Code:

H: Red	GaP / GaP	700nm	UG: High Bright Green	AlGaInP 574nm
S: High Bright Red	GaAlAs / GaAs	SH 660nm	PG: Super Pure Green	AlGaInP 525nm
D: Super Bright Red	GaAlAs / GaAs	DH 660nm	BG: Super Bluish Green	AlGaInP 505nm
UR: Ultra Bright Red	GaAlAs / GaAlAs	DDH 660nm	B: Blue GaN / SiC	430nm
UHR: Ultra Bright Red	AlGaInP	640nm	UB: Super Bright Blue	InGaN / SiC 470nm
E: Orange	GaAsP / GaP	635nm	V: UV	InGaN / SiC405nm
UE: High Bright Orange	AlGaInP	630nm	W: White	
Y: Yellow	GaAsP / GaP	585nm	EG: Orange + Green Bi-Color	
UY: High Bright Yellow	AlGaInP	590nm	SG: High Red + Green Bi-Color	
G: Green	GaP / GaP	568nm	RGB: Multicolor	

6. Len Color: D: Color Diffused

T: Color Transparent

C: Water Clear

W: White Diffused

CD: Color Top Diffused

WD: White Top Diffused

E: Orange Diffused

7. Special Operation & Other:

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Package	Part No. KLS9L-	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 70mA)			Viewing Angle 2θ1/2 (deg)	Drawing No.
		Material/Emitted Color	Peak Wave Length λp (nm)		Δ λ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf(V)		Iv (mcd)		
									Typ	Max	Typ		
7.62*7.62 *4.0mm φ3	1860URC	GaAlAs/DDH Super Red	660	Water clear	20	60	70	150	1.85	2.20	2200	75	L-020
	1860UEC	AlGaInP/Ultra Orange	630	Water clear	17	65	70	150	2.10	2.50	2800		
	1860UYC	AlGaInP/Ultra Yellow	590	Water clear	15	65	70	150	2.10	2.50	2800		
	1860UGC	AlGaInP/Ultra Green	574	Water clear	30	75	70	150	2.20	2.50	1500		
7.62*7.62 *4.4mm φ3	1870URC	GaAlAs/DDH Super Red	660	Water clear	20	60	70	150	1.85	2.20	2500	50	L-021
	1870UEC	AlGaInP/Ultra Orange	630	Water clear	17	65	70	150	2.10	2.50	3000		
	1870UYC	AlGaInP/Ultra Yellow	590	Water clear	15	65	70	150	2.10	2.50	3000		
	1870UGC	AlGaInP/Ultra Green	574	Water clear	30	75	70	150	2.20	2.50	1800		

L-020

KLS9L-1860xx Series

L-021

KLS9L-1870xx Series

