

2. Specification



2.1 Module Specification

Item	Value				Unit
Model	KSL	KDL	KPL	KPL40	
Number of LED	1 LED	2 LED	3 LED	4 LED	Pcs
Power Consumption	0.24	0.48	0.72	0.96	Watt
Forward Voltage	12				VDC
Forward Current	20	40	60	80	mA
CCT(K)	8,000 ~ 9,000				Kelvin
Luminous Flux)	22	46	69	92	lm
Lumen/Watt	95				lm/W
Luminous Intensity	7,500	15,000	22,500	23,000	mcd
CRI	76				%
Viewing Angle	120				°
LED / Module Pitch	-/20 +-5	25/90 +-5	25/90 +-5	25/100 +-5	mm
Size	12 x 9 x 4	41 x 12 x 7.5	68 x 16 x 7.5	40 x 40 x 7	mm
Weight	2	6	9	18	g
Max in Series	100	50			Pcs
Operating Temp.	-30 ~ 60				-
Storage Temp.	-40 ~ 80				-
Waterproof	IP68				-
Life Span	50,000				Hour
Cable	#18 (2.1*4.5*2C) White, White(White, Red)				-
Base Material	ASB (LG-HF380, White)				-