





# Rectangular LED Lamps



Shape	Part No.	Material (Emitted Color)	Lens	Peak Wave Length (nm)	Electrical/Optical Data				Viewing Angle 2θ1/2	Figure No.
					Vf (V) If=10mA *20mA		Iv (mcd) If=10mA *20mA			
					Typ.	Max.	Min.	Typ.		
 3x3mm Square	SHR45D	GaP(Red)	Red Diffused	700	2.05	2.5	0.5	0.9	110°	12
	SUR45D	GaAsP/GaP(Red)	Red Diffused	627	1.9	2.5	3	4.5	110°	
	SMR45D	GaAlAs(Red)	Red Diffused	660	*1.85	*2.5	*40	*65	110°	
	SUS45D	GaAsP/GaP(Orange)	Orange Diffused	607	1.95	2.5	3	4.5	110°	
	SUG45D	GaP(Green)	Green Diffused	565	2.0	2.5	1	4.5	110°	
	SUY45D	GaAsP/GaP(Yellow)	Yellow Diffused	590	1.95	2.5	1	4.5	110°	
 3x3mm Square	SHR43D	GaP(Red)	Red Diffused	700	2.05	2.5	0.5	0.9	110°	13
	SUR43D	GaAsP/GaP(Red)	Red Diffused	627	1.9	2.5	3	4.5	110°	
	SMR43D	GaAlAs(Red)	Red Diffused	660	*1.85	*2.5	*40	*65	110°	
	SUO43D	GaAsP/GaP(Orange)	Orange Diffused	627	1.9	2.5	3	4.5	110°	
	SUG43D	GaP(Green)	Green Diffused	565	2.0	2.5	1	4.5	110°	
	SUY43D	GaAsP/GaP(Yellow)	Yellow Diffused	590	1.95	2.5	1	4.5	110°	
 5x5mm Square	SHR10D	GaP(Red)	Red Diffused	700	2.05	2.5	0.5	0.9	110°	14
	SUR10D	GaAsP/GaP(Red)	Red Diffused	627	1.9	2.5	3	7.5	110°	
	SMR10D	GaAlAs(Red)	Red Diffused	660	*1.85	*2.5	*36	*75	110°	
	SUO10D	GaAsP/GaP(Orange)	Orange Diffused	627	1.9	2.5	3	7.5	110°	
	SUG10D	GaP(Green)	Green Diffused	565	2.0	2.5	1	4.5	110°	
	SUY10D	GaAsP/GaP(Yellow)	Yellow Diffused	590	1.95	2.5	1	4.5	110°	
 5x5mm Square	SHR23D	GaP(Red)	Red Diffused	700	2.05	2.5	0.5	0.9	110°	15
	SUR23D	GaAsP/GaP(Red)	Red Diffused	627	1.9	2.5	3	5.5	110°	
	SMR23D	GaAlAs(Red)	Red Diffused	660	*1.85	*2.5	*18	*68	110°	
	SUG23D	GaP(Green)	Green Diffused	565	2.0	2.5	1	2.5	110°	
	SUY23D	GaAsP/GaP(Yellow)	Yellow Diffused	590	1.95	2.5	1	2.5	110°	

