

# LED Lens - OSRAM

Administrator

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Part Number	Type	LED Type	Distribution Angle* (°)	Distribution Type	Dimension	Optical Holder Required (Y/N)
FL-35A	Secondary lens	OSRAM	GD+	15 Lambertian	φ 19.8 x 11.7(Ø)mm	N
FL-39	Secondary lens	OSRAM	GD+	10 Lambertian	φ 11.5 x 10.0mm	N
FL-41	Secondary lens	OSRAM	GD+	10 x 30 Elliptical beam (Cvial)	φ 18.8 x 12.8mm	N
FL-42	Secondary lens	OSRAM	GD+	20 Lambertian	φ 9.5 x 8.5mm	N
FL-54	Secondary lens	OSRAM	GD+	135 Batwing	φ 10.0 x 4.34mm	N
FL-63S	Secondary lens	OSRAM	GD+	30 Lambertian	φ 11.5 x 10.0mm	N
FL-63C	Secondary lens	OSRAM	GD+	30 Lambertian	φ 11.5 x 10.0mm	N
FL-66S	Secondary lens	OSRAM	GD+	60 Lambertian	φ 11.5 x 10.0mm	N
FL-66C	Secondary lens	OSRAM	GD+	60 Lambertian	φ 11.5 x 10.0mm	N
FL-68S	Secondary lens	OSRAM	GD+	120 x 60 Elliptical beam (Cvial)	φ 12.5 x 10.88mm	N
FL-68D	Secondary lens	OSRAM	GD+	60 x 120 Elliptical beam (Cvial)	φ 12.5 x 10.88mm	N
FL-69S	Secondary lens	OSRAM	GD+	140 Spot	φ 12.5 x 10.88mm	N
FL-70	Secondary lens	OSRAM	GD+	110 Spot	φ 11.5 x 10.0mm	N
FL-82	Secondary lens	OSRAM	GD+	135 x 70 x 30 Elliptical beam (Cvial)	φ 13.1 x 11.5mm	N
FL-90	Secondary lens	OSRAM	GD+	15 Lambertian	φ 8.5 x 8.5mm	N
Customized	Secondary lens	OSRAM	GD+	10/30/45 Lens array	Customized	Y
FL-36	Secondary lens	OSRAM	OSLON	10 Lambertian	φ 22.0 x 16.5mm	N
FL-37	Secondary lens	OSRAM	OSLON	20 Lambertian	φ 22.0 x 16.5mm	N
FL-38	Secondary lens	OSRAM	OSLON	30 Lambertian	φ 22.0 x 16.5mm	N
FL-81	Secondary lens	OSRAM	OSLON	135 x 45 x 30 Elliptical beam (Cvial)	φ 12.5 x 10.88mm	N
LA-11	Secondary lens	OSRAM	OSLON	10 Lambertian	φ 10.0 x 5.4mm	Y
LA-12	Secondary lens	OSRAM	OSLON	30 Lambertian	φ 10.0 x 5.4mm	Y
LA-13	Secondary lens	OSRAM	OSLON	45 Lambertian	φ 10.0 x 5.4mm	Y
LA-03A/A2/A601	Secondary lens	OSRAM	OSLON	10/30/45 3 in 1	φ 30.0x6.2mm	N
LA-04A/A2/A601	Secondary lens	OSRAM	OSLON	10/30/45 4 in 1	φ 35.0x6.2mm	N
LA-06A/A2/A601	Secondary lens	OSRAM	OSLON	10/30/45 6 in 1	φ 40.0x6.2mm	N
LA-07A/A2/A601	Secondary lens	OSRAM	OSLON	10/30/45 7 in 1	φ 40.0x6.2mm	N
LK-02	Secondary lens	OSRAM	GD+ / OSLON	60 Spot	φ 21.90mm	Y
LK-02S	Secondary lens	OSRAM	GD+ / OSLON	60 Spot	φ 28.75mm	N
FL-47	Secondary lens	OSRAM	DD	10 Lambertian	φ 22.0 x 15.05mm	N
FL-86	Reflector	OSRAM	OSTAR SMT	15 Lambertian	φ 19.6 x 13.35mm	N
FL-87	Secondary lens	OSRAM	OSTAR SMT	20 Lambertian	φ 19.6 x 13.35mm	N
FL-96	Secondary lens	OSRAM	OSTAR COMPACT	10 Lambertian	φ 19.6 x 14mm	N
FL-97	Secondary lens	OSRAM	OSTAR COMPACT	15 Lambertian	φ 19.6 x 14mm	N