

High Resolution Imaging Requirements - tables

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keep working!

Table 1. Surface Brightness Profile Models

Lens Name	R_{eff} (arcsec)	q	pa (deg)	n	Δ_x (arcsec)	Δ_y (arcsec)	i band magnitude	k band magnitude	VIS magnitude	H band magnitude
Parameters for the Source										
SL2SJ135949+553550 ^{a1}	0.23	0.92	54.0	4.0	0.0662	-0.1670	25.0	25.0	25.0	25.0
SL2SJ135949+553550(ghost) ^{a2}	0.23	0.92	54.0	4.0	0.008	0.298	25.0	25.0	25.0	25.0
SLACS0330-0020 ^{b2}	0.12	0.77	120.0	1.33	0.195	0.34	22.73	22.0	23.46	22.0
SLACS0330-0020(ghost) ^{b1}	0.12	0.77	120.0	1.33	0.01	-0.005	22.73	22.0	23.46	22.0
Parameters for the lens										
SL2SJ135949+553550 ^{a1}	1.76	0.61	-9.6	4.0	—	—	20.69	19.7	21.1345	19.7
SL2SJ135949+553550(ghost) ^{a2}	1.76	0.61	-9.6	4.0	—	—	20.69	19.7	21.1345	19.7
SLACS0330-0020 ^{b2}	0.91	0.81	113.2	4.0	—	—	17.99	16.5	18.84	16.5
SLACS0330-0020(ghost) ^{b1}	0.91	0.81	113.2	4.0	—	—	17.99	16.5	18.84	16.5

Note. — ^aThe fainter lens. ^bThe brighter lens.

Note. — ¹4 images after lensing. ²2 images after lensing.

Table 2. Lens Model Parameters

Lens Name	R_{Ein} (arcsec)	q	pa (deg)
SL2SJ135949+553550 ^{a1}	1.14	0.60	14.70
SL2SJ135949+553550(ghost) ^{a2}	1.14	0.60	14.70
SLACS0330-0020 ^{b2}	1.1	0.81	113.2
SLACS0330-0020(ghost) ^{b1}	1.1	0.81	113.2

Note. — ^aThe fainter lens. ^bThe brighter lens.

Note. — ¹4 images after lensing. ²2 images after lensing.

Table 3. Telescope Properties

Telescope	Filter	Zero Point (1s)	Readout (1s)	Background(1s)	Pixel Scale (arcsec)
HST	F814W	25.94	4.20	0.11	0.050
JWST	F200W	27.85	9.00	0.20	0.032
Keck	NIRC2/K	28.04	5.75	25.94	0.010
NGAO	K	28.04	5.75	25.94	0.010
TMT	IRIS	31.10	2.00	21.20	0.004
Euclid	VIS	25.58	4.50	0.43	0.100
WFIRST	F184	26.18	5.00	0.11	0.110
LSST	i	28.35	5.00	68.00	0.200