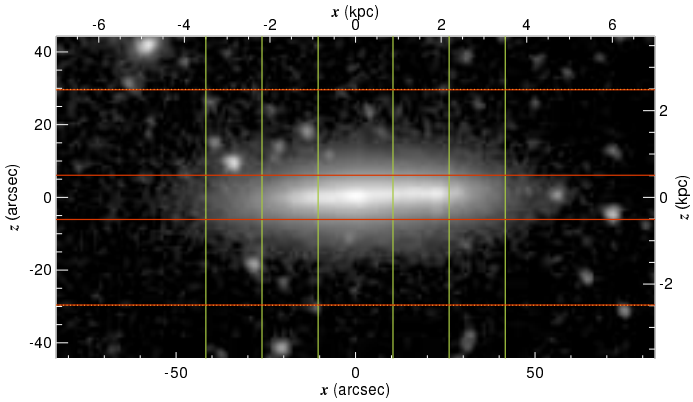
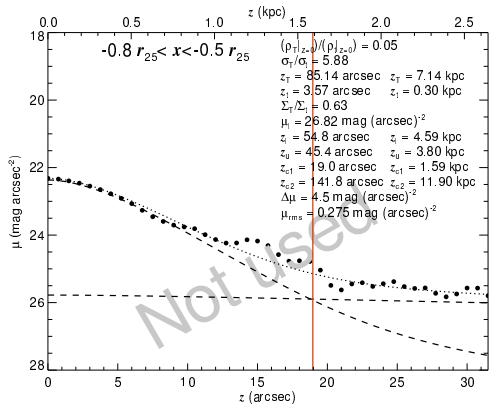
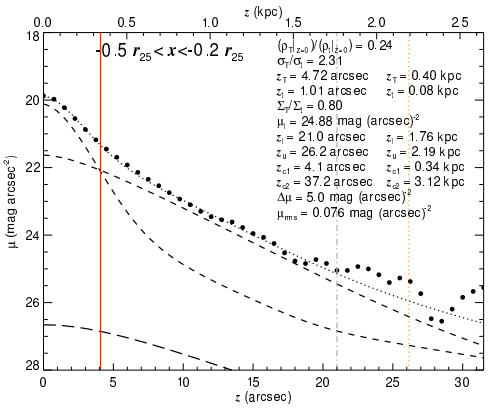
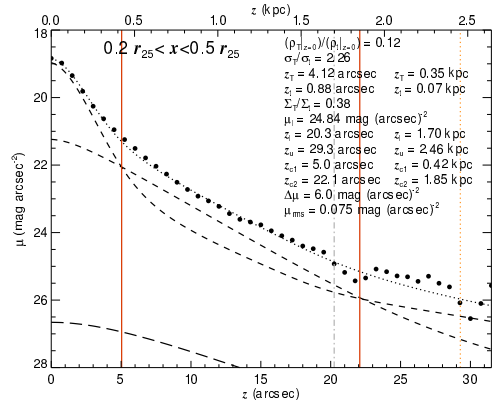
ESO 157-49

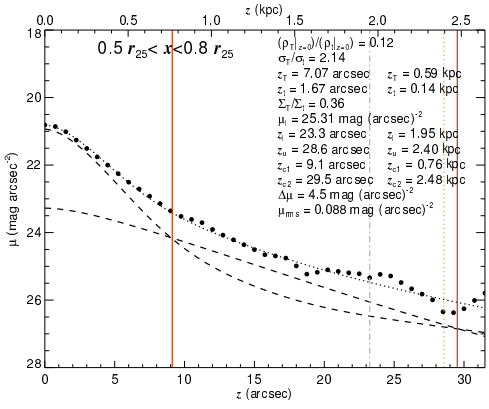


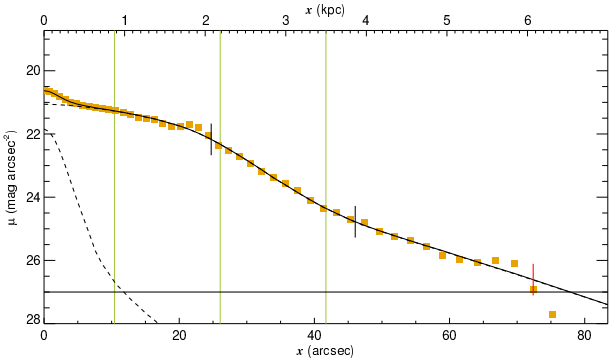
RA (J2000.0)	$04^{h}39^{m}36\overset{s}{.}88$
Dec (J2000.0)	$-53°00'45''.5$
r_{25}	$52''.1$
PA	$28°.1$
$M_{3.6\mu m}$(AB)	-18.538
d	17.30 Mpc (1)
v_c	99 km s^{-1} (10)
Mean z_{c1}	$6''.1$
Mean z_{c2}	$29''.6$
Mean z_u	$29''.7$

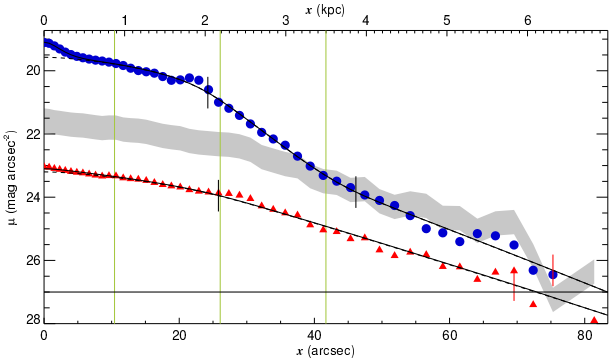












CMC properties
$r_{CMC} = 2''.06$
$n = 0.73$

Total profile Type II+III
$h_1 = 27''.6$
$h_2 = 6''.3$
$h_3 = 14''.0$
$r_{12} = 24''.7$
$r_{23} = 46''.0$

Thin disc profile Type II+III
$h_1 = 31''.0$
$h_2 = 5''.9$
$h_3 = 11''.9$
$r_{12} = 24''.2$
$r_{23} = 46''.1$

Thick disc profile Type II
$h_1 = 28''.4$
$h_2 = 14''.5$
$r_{12} = 25''.8$

Component masses
$\mathcal{M}_g = 1.03 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 2.54 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 1.21 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 0.29 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 1''.2$
$z_T = 5''.3$