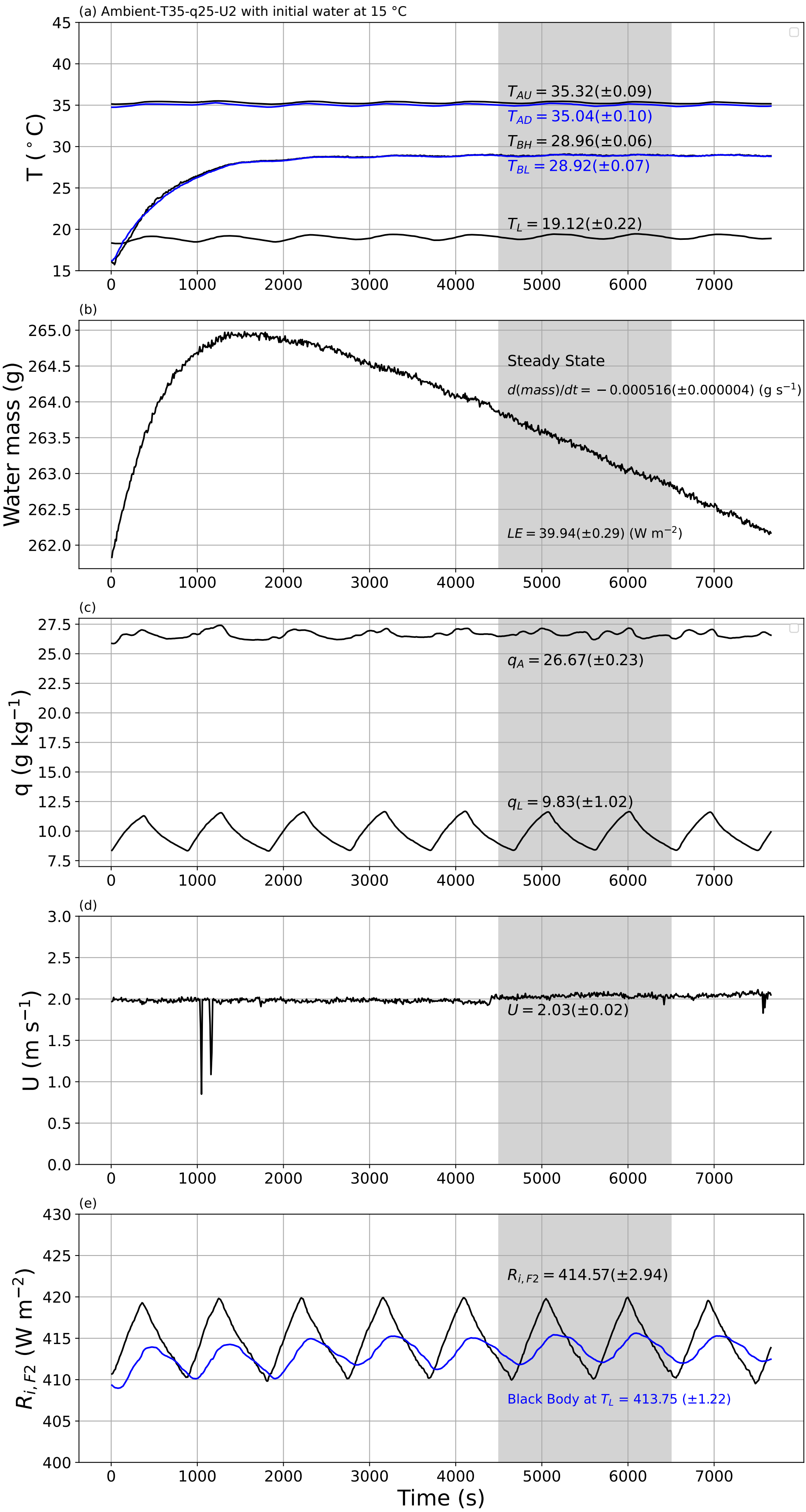
(a) Ambient-T35-q25-U2 with initial water at 15 °C
T (° C)
$T_{AU} = 35.32(\pm 0.09)$
$T_{AD} = 35.04(\pm 0.10)$
$T_{BH} = 28.96(\pm 0.06)$
$T_{BL} = 28.92(\pm 0.07)$
$T_L = 19.12(\pm 0.22)$
(b)
Water mass (g)
Steady State
$d(mass)/dt = -0.000516(\pm 0.000004)$ (g s^{-1})
$LE = 39.94(\pm 0.29)$ (W m^{-2})
(c)
q (g kg^{-1})
$q_A = 26.67(\pm 0.23)$
$q_L = 9.83(\pm 1.02)$
(d)
U (m s^{-1})
$U = 2.03(\pm 0.02)$
(e)
$R_{i,F2}$ (W m^{-2})
$R_{i,F2} = 414.57(\pm 2.94)$
Black Body at T_L = 413.75 (±1.22)
Time (s)