

CPFD

_____ , , 1, 1, *

; 1

(dhlee@skku.edu*)

0.3m x 24m

CPFD software BARRACUDA®

air가 bed

material MG-Si가 160 μm, ρ=2,330 kg/m³, bulk=1,180 kg/m³,

$U_{mf}=0.02$ m/s inlet boundary

bed material 75kg bed 0.8m

radial axial cold bed

optical probe

optical probe

radial optical probe 가