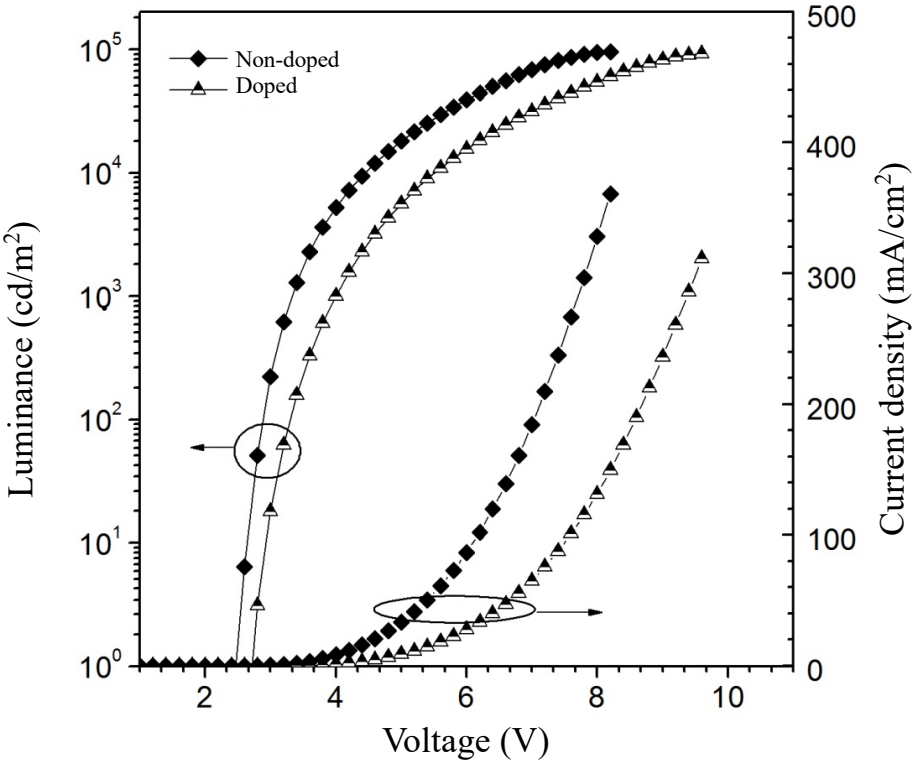
Non-doped
Doped
Luminance (cd/m^2)
Current density (mA/cm^2)
Voltage (V)
10^0
10^1
10^2
10^3
10^4
10^5
0
100
200
300
400
500
2
4
6
8
10

Fig. 1

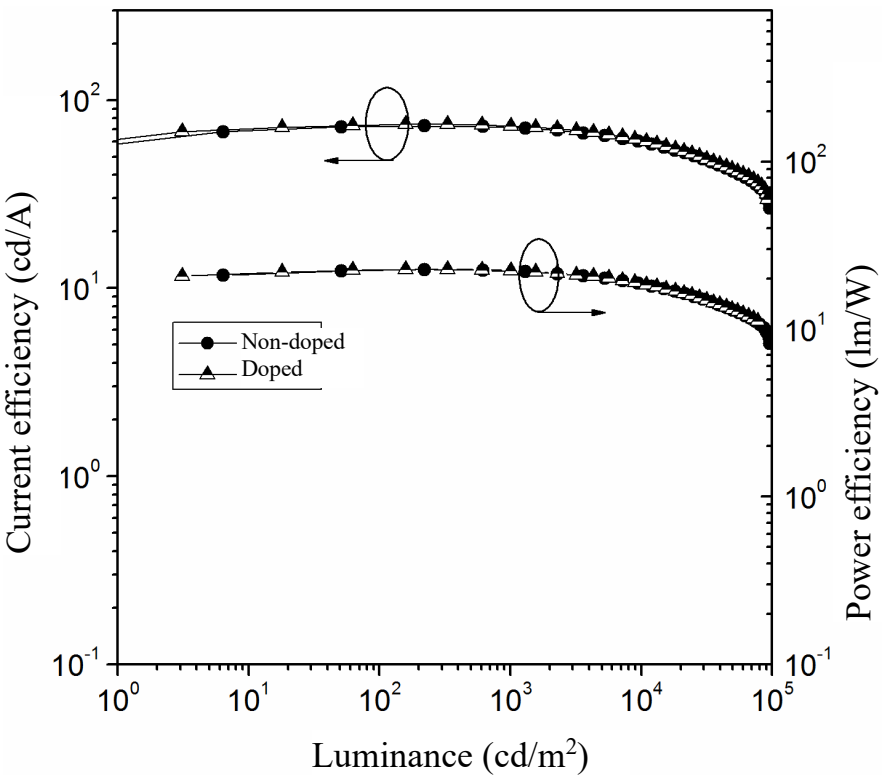
Non-doped
Doped
Current efficiency (cd/A)
Power efficiency (lm/W)
Luminance (cd/m^2)
10^{-1}
10^0
10^1
10^2
10^3
10^4
10^5

Fig. 2

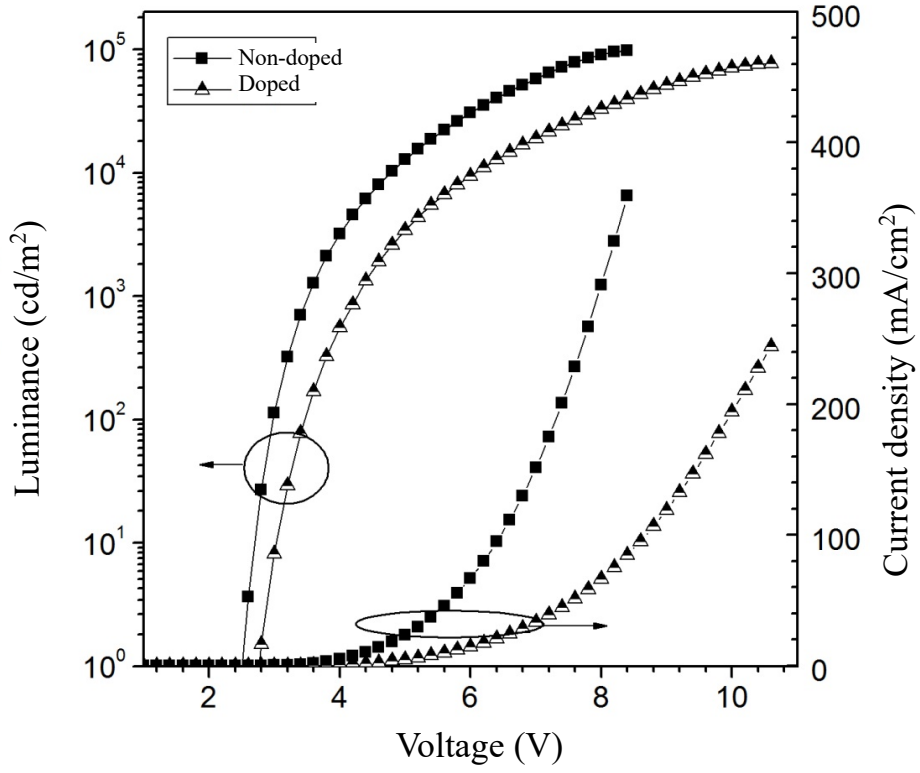
Non-doped
Doped
Luminance (cd/m^2)
Current density (mA/cm^2)
Voltage (V)

Fig. 3

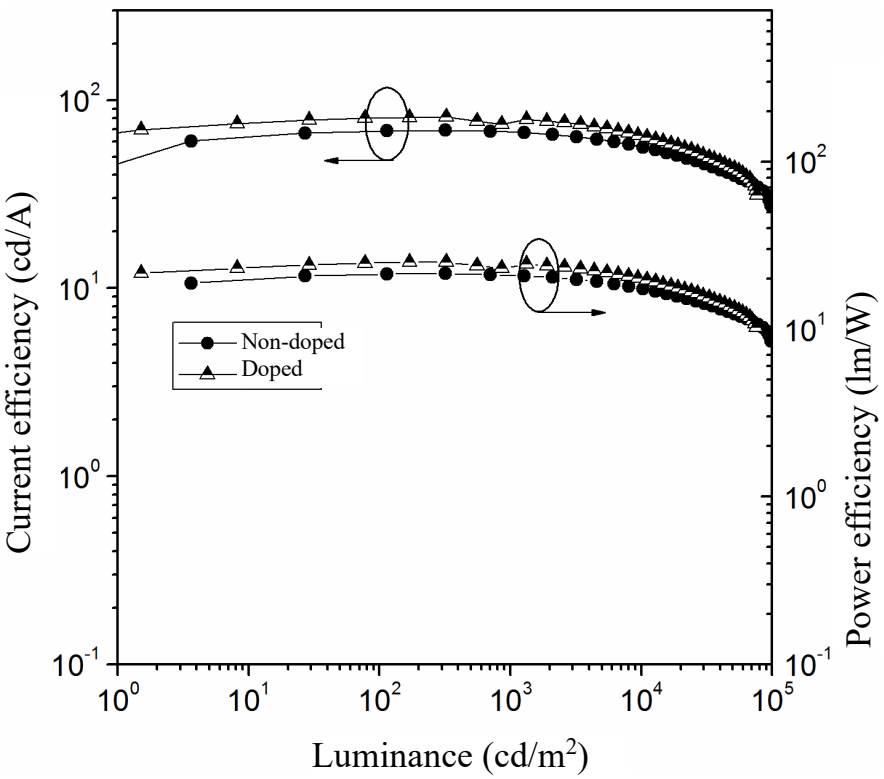
Non-doped
Doped
Current efficiency (cd/A)
Power efficiency (lm/W)
Luminance (cd/m^2)

Fig. 4

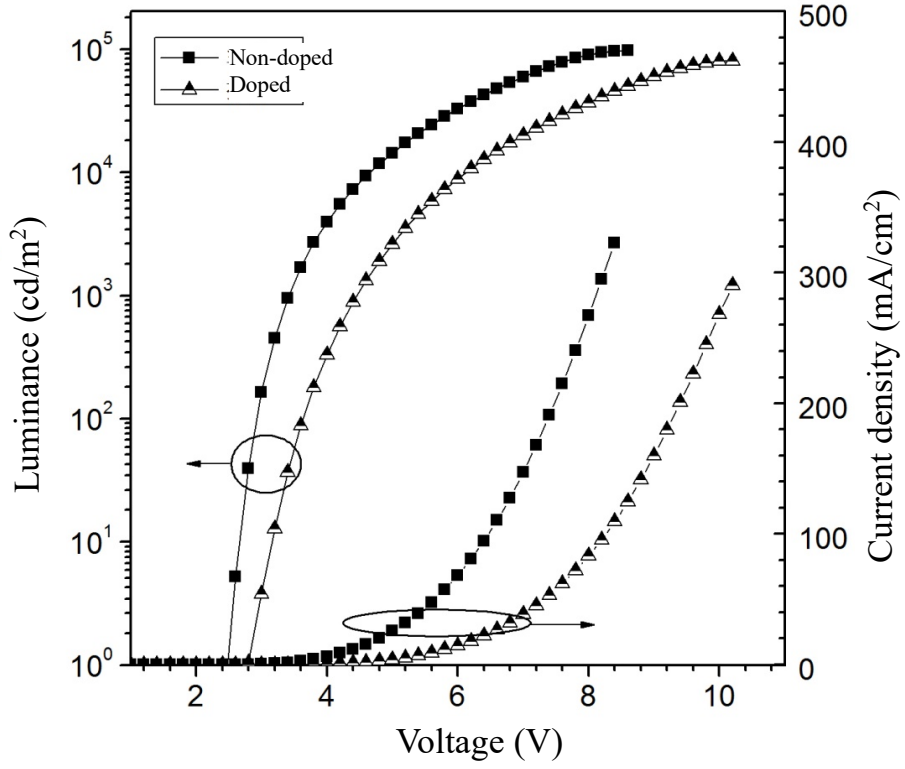
Non-doped
Doped
Luminance (cd/m^2)
Current density (mA/cm^2)
Voltage (V)
10^0
10^1
10^2
10^3
10^4
10^5
0
100
200
300
400
500
2
4
6
8
10

Fig. 5

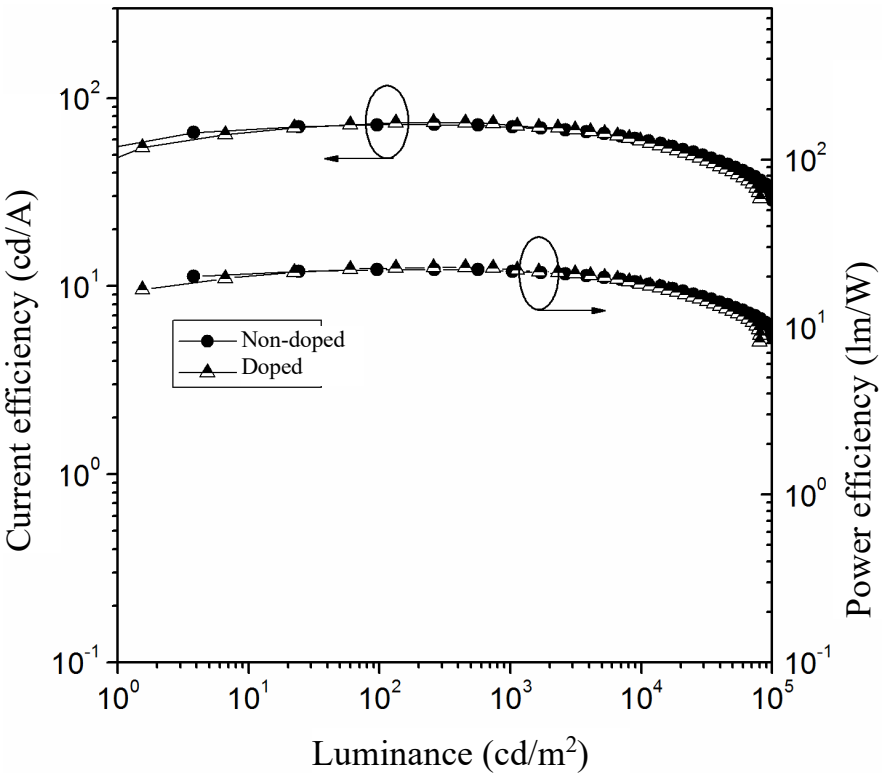
Non-doped
Doped
Current efficiency (cd/A)
Power efficiency (lm/W)
Luminance (cd/m^2)
10^{-1}
10^0
10^1
10^2
10^3
10^4
10^5

Fig. 6

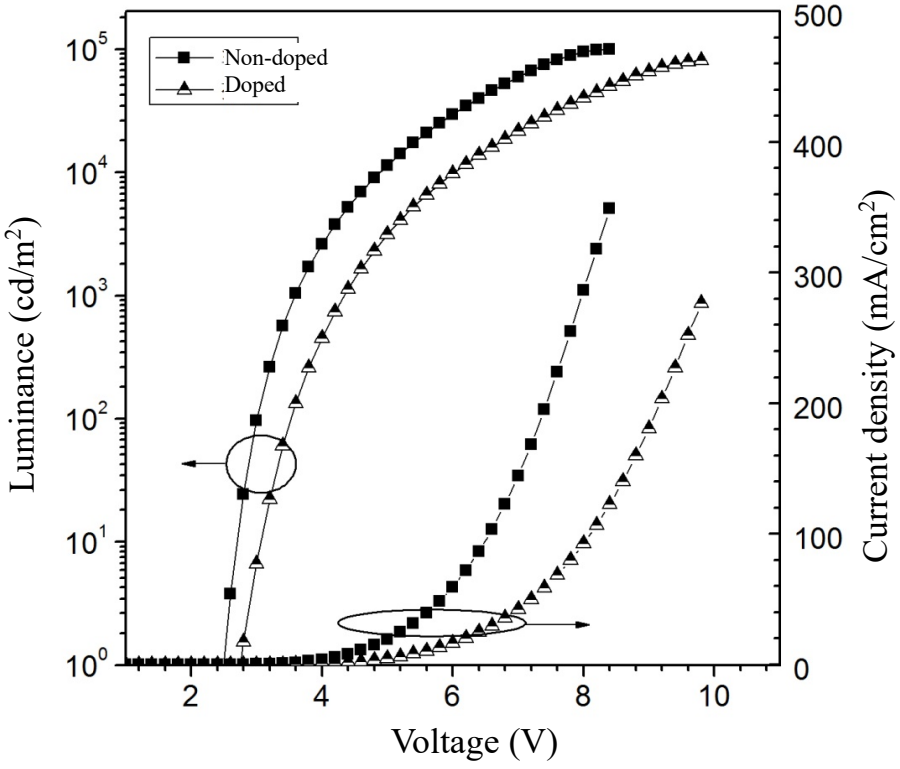
Non-doped
Doped
Luminance (cd/m^2)
Current density (mA/cm^2)
Voltage (V)
10^0
10^1
10^2
10^3
10^4
10^5
0
100
200
300
400
500
2
4
6
8
10

Fig. 7

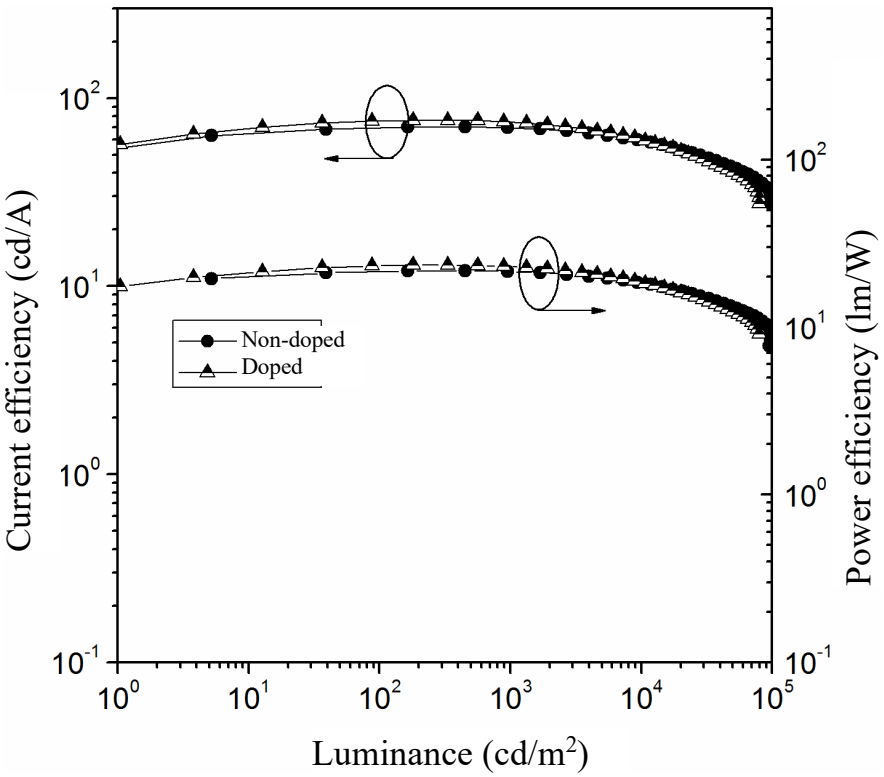
Non-doped
Doped
Current efficiency (cd/A)
Power efficiency (lm/W)
Luminance (cd/m^2)
10^{-1}
10^0
10^1
10^2
10^3
10^4
10^5

Fig. 8