A=41.791509
B=-4838.981377
C=0.778641
D=543.460938
E=-426311.782127
F=127392931.174736
G=-13902811647.703644
H=0.000000000000000

Irradiance (mW/m2 nm) = λ^{-5} * exp(A + B/λ) * (C + D/λ + E/λ^2 + F/λ^3 + G/λ^4 + H/λ^5)

$$Irr = \frac{\exp\left(A + \frac{B}{\lambda}\right)}{\lambda^5}\left(C + \frac{D}{\lambda} + \frac{E}{\lambda^2} + \frac{F}{\lambda^3} + \frac{G}{\lambda^4} + \frac{H}{\lambda^5}\right)$$