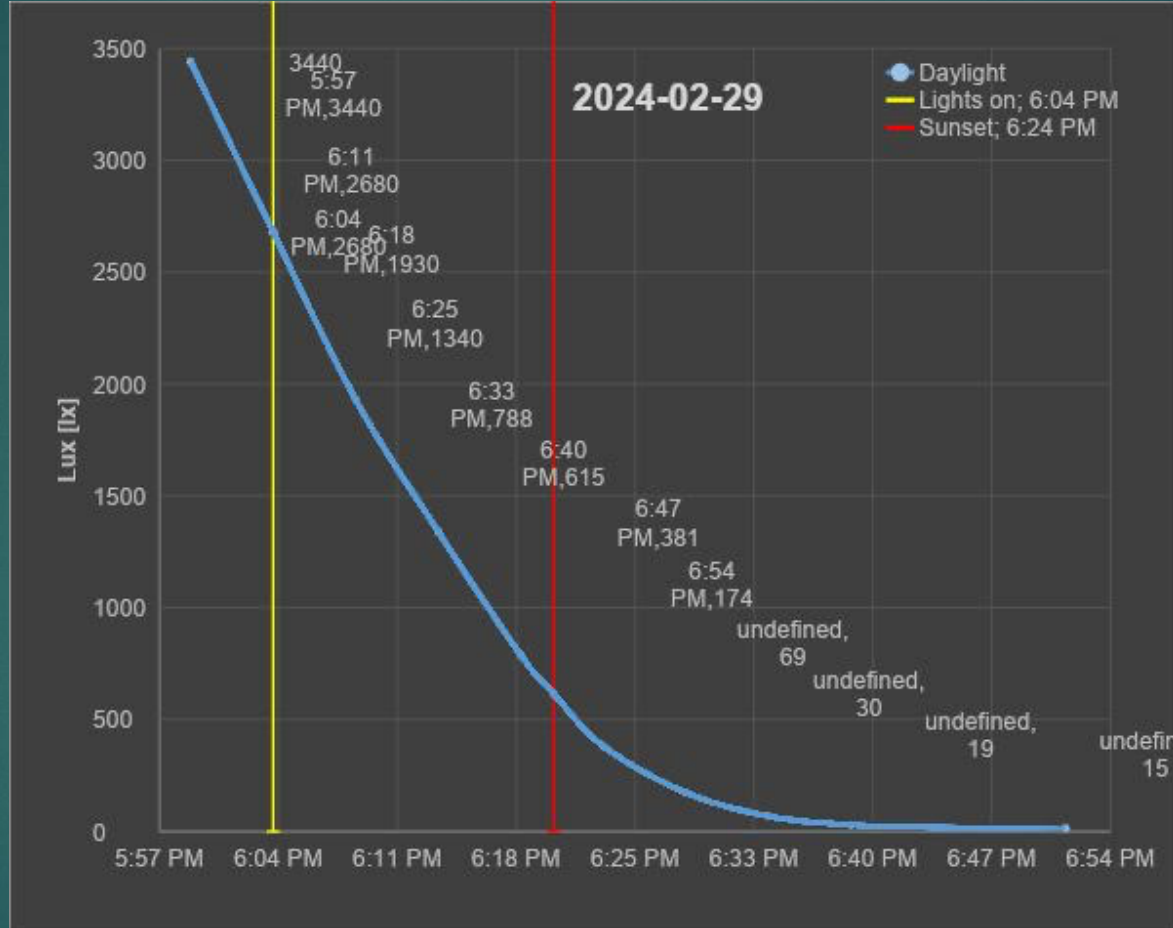
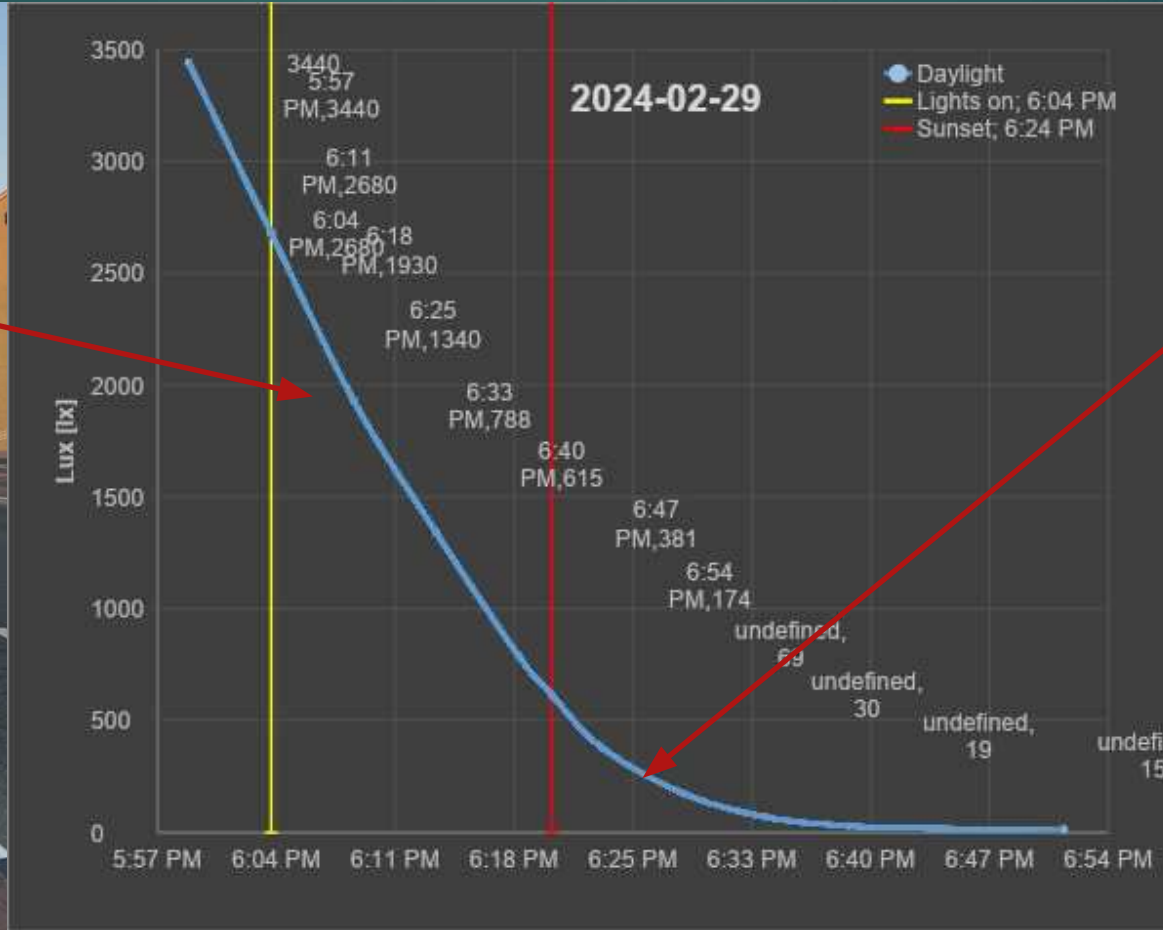


Street lights in Dubai

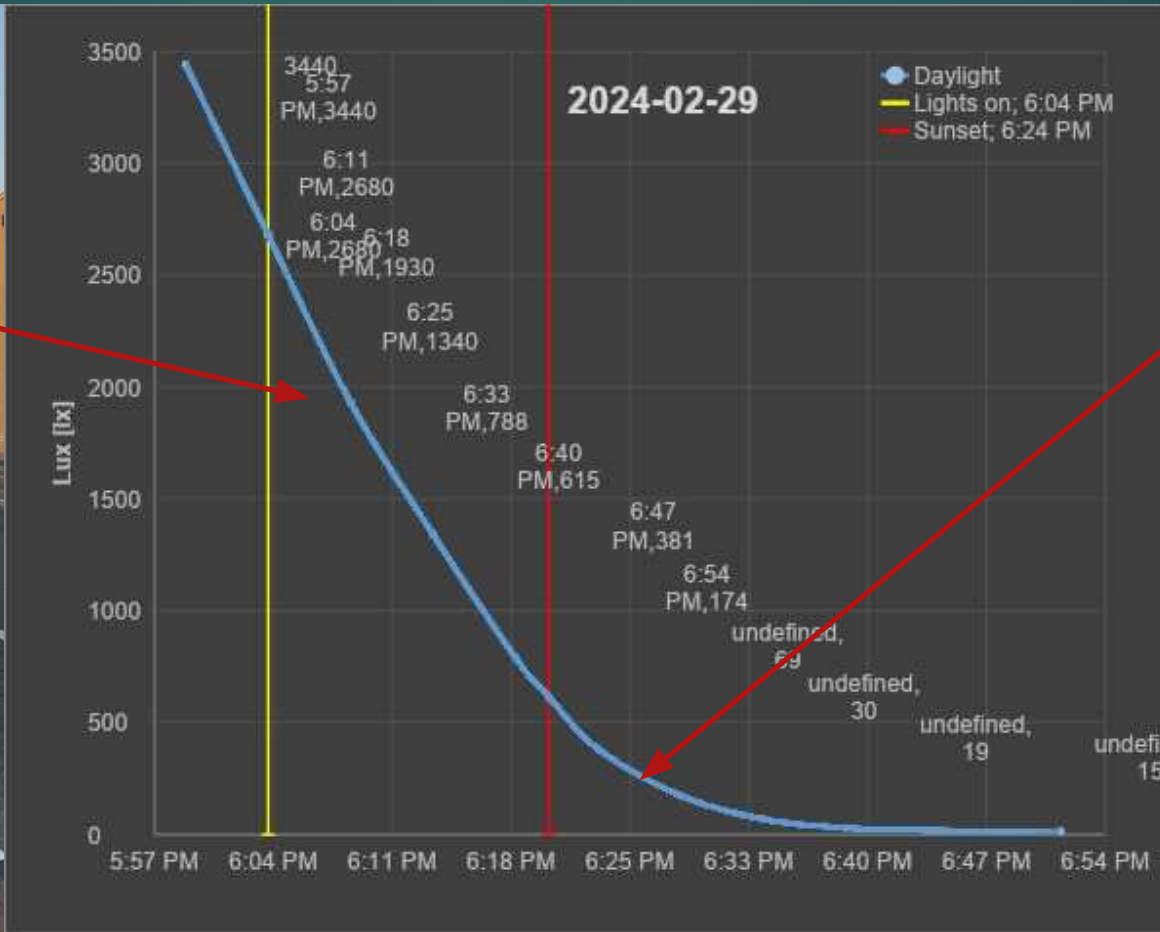
Lights turns on at 2 700 LUX
Night is at 15 LUX



Street lights in Dubai



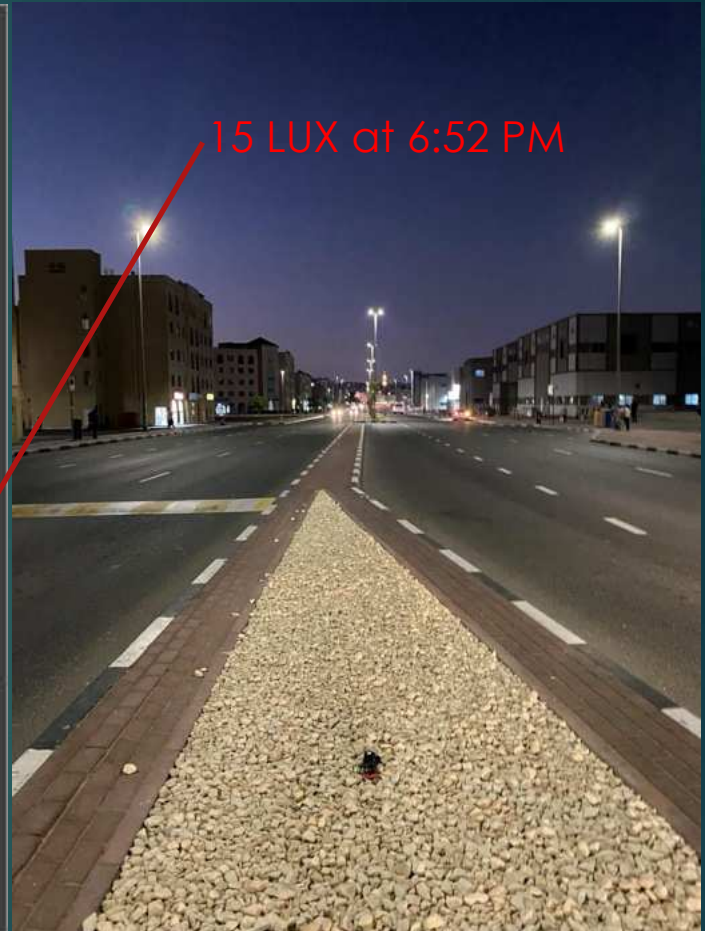
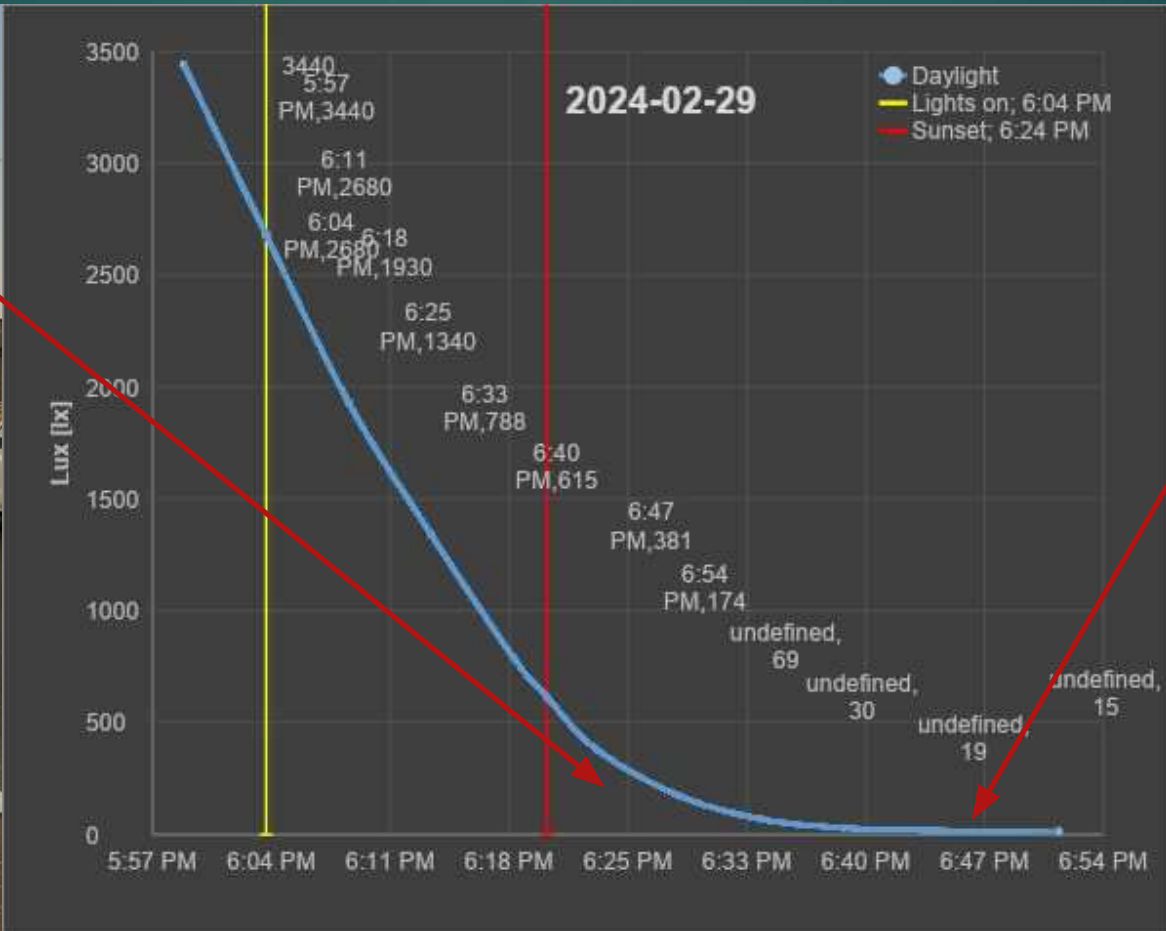
Street lights in Dubai



Street lights in Dubai



69 LUX at 6:34 PM



15 LUX at 6:52 PM

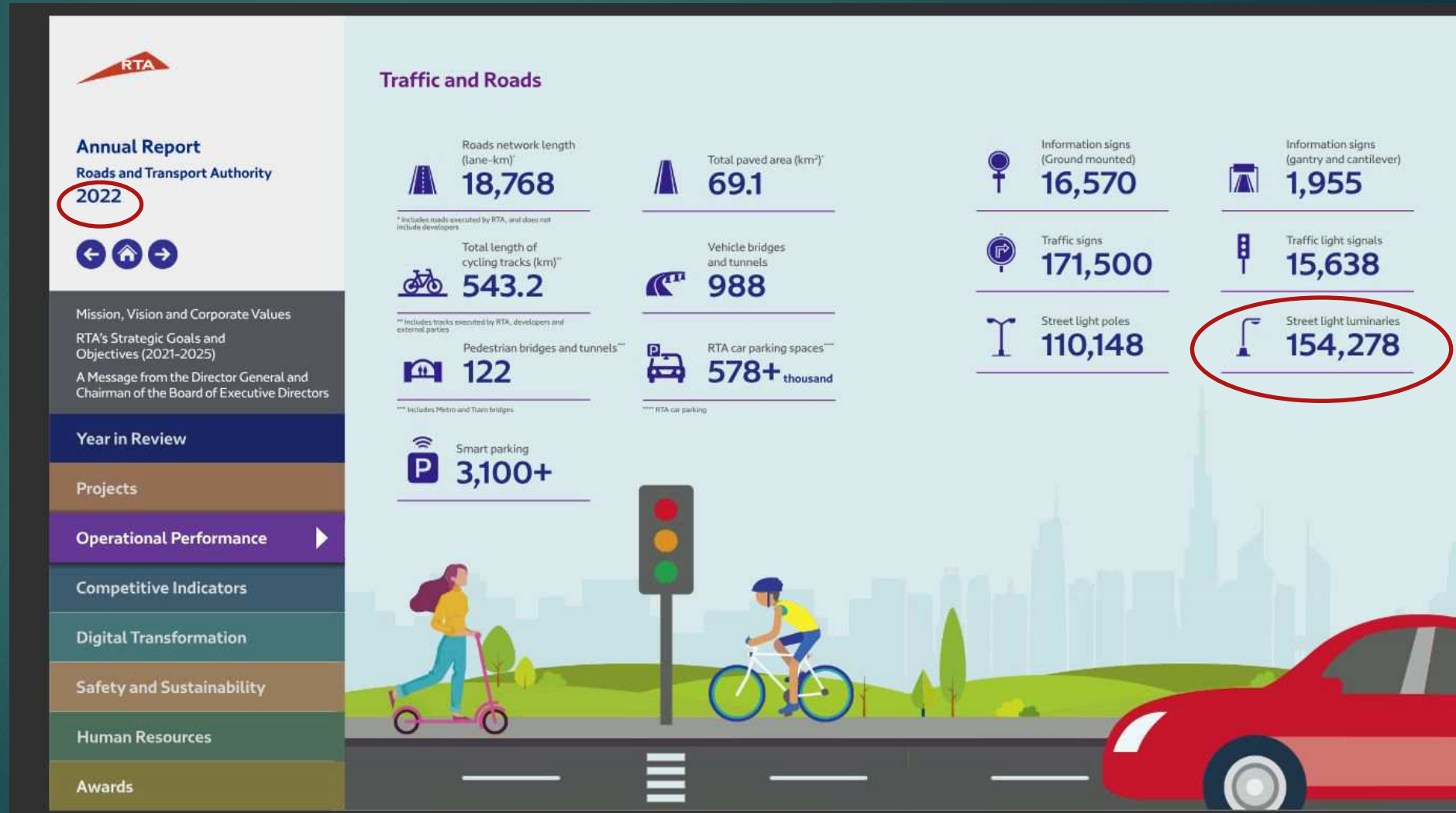
Street lights in Dubai

- Assume 100 W/lamp:



Street lights in Dubai

- Assume 100 W/lamp:



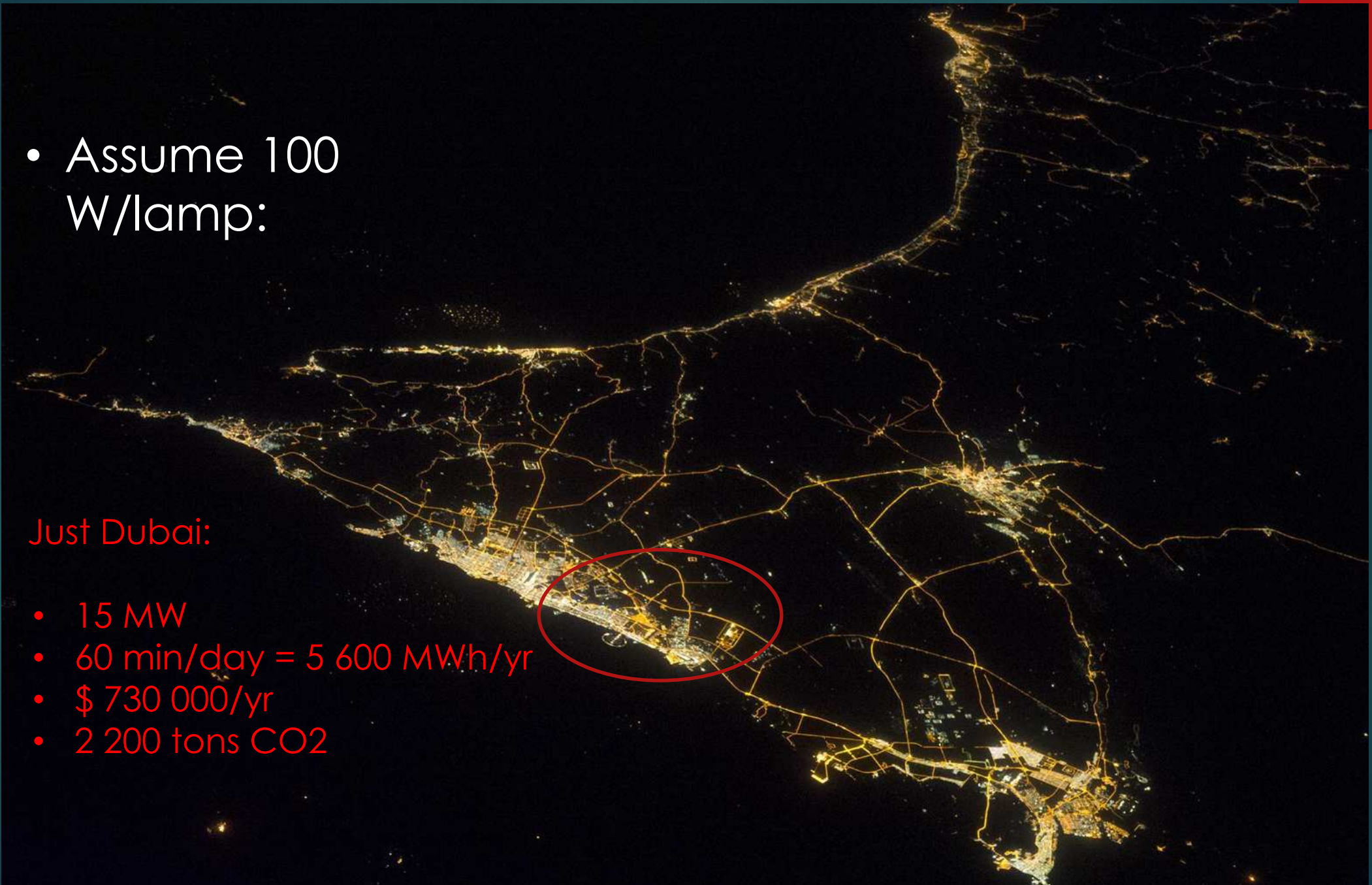
- Assume 100 W/lamp:



- Assume 100 W/lamp:

Just Dubai:

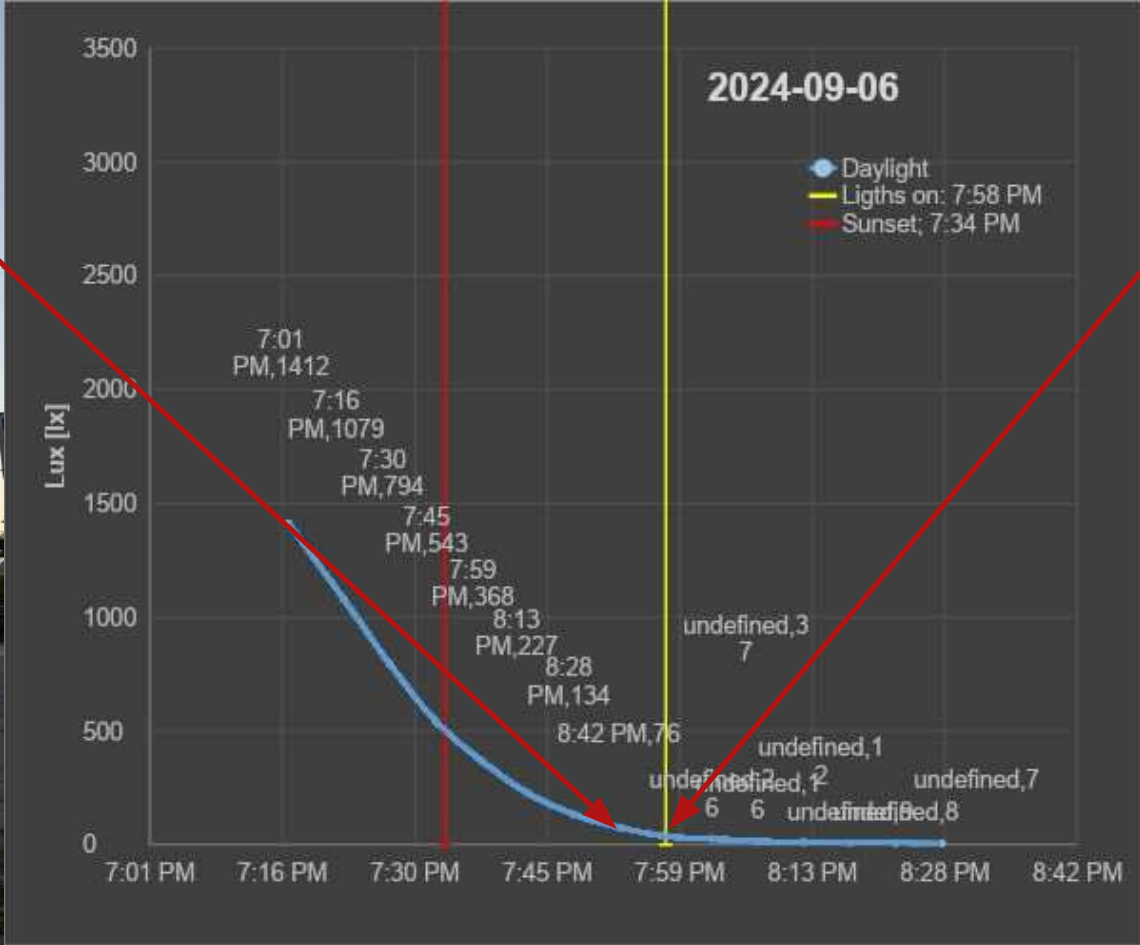
- 15 MW
- 60 min/day = 5 600 MWh/yr
- \$ 730 000/yr
- 2 200 tons CO₂



Comparison: Street lights in Stockholm



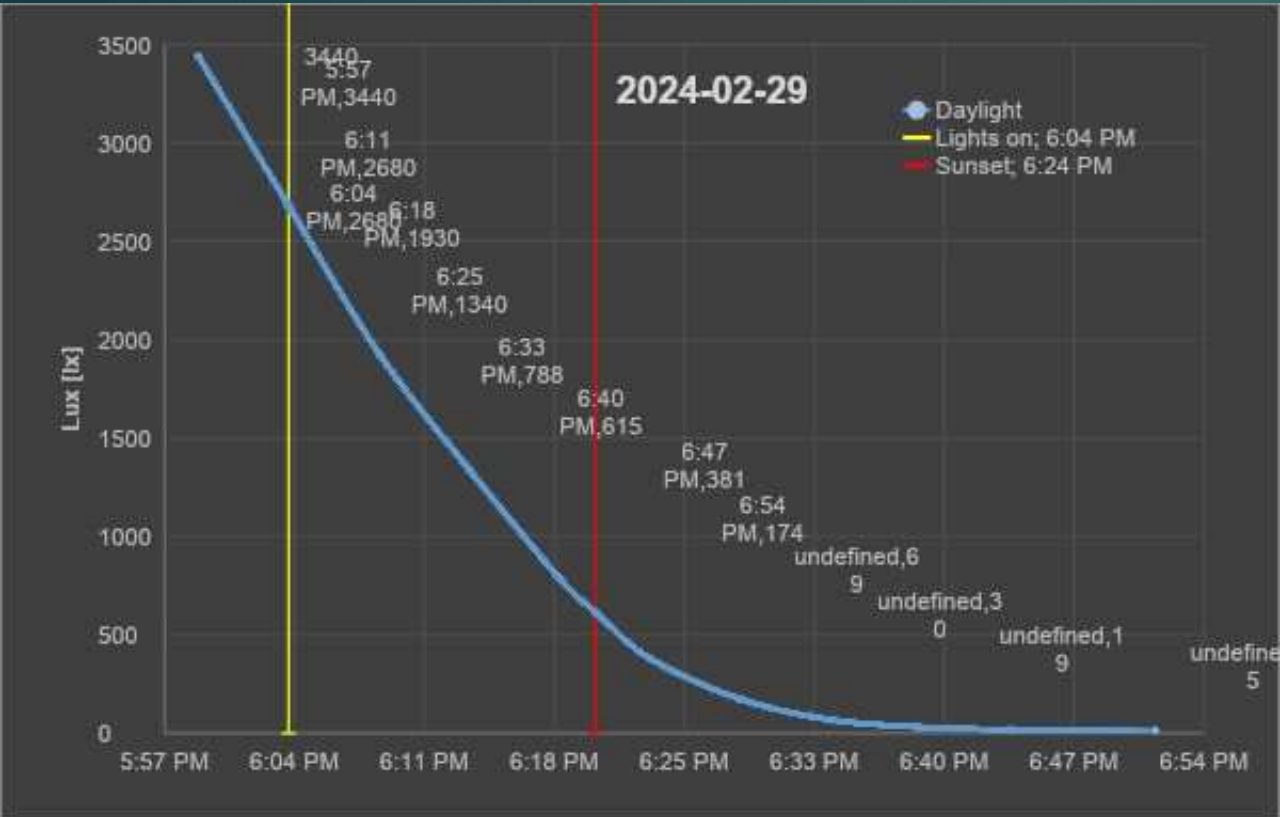
76 LUX at 7:53 PM



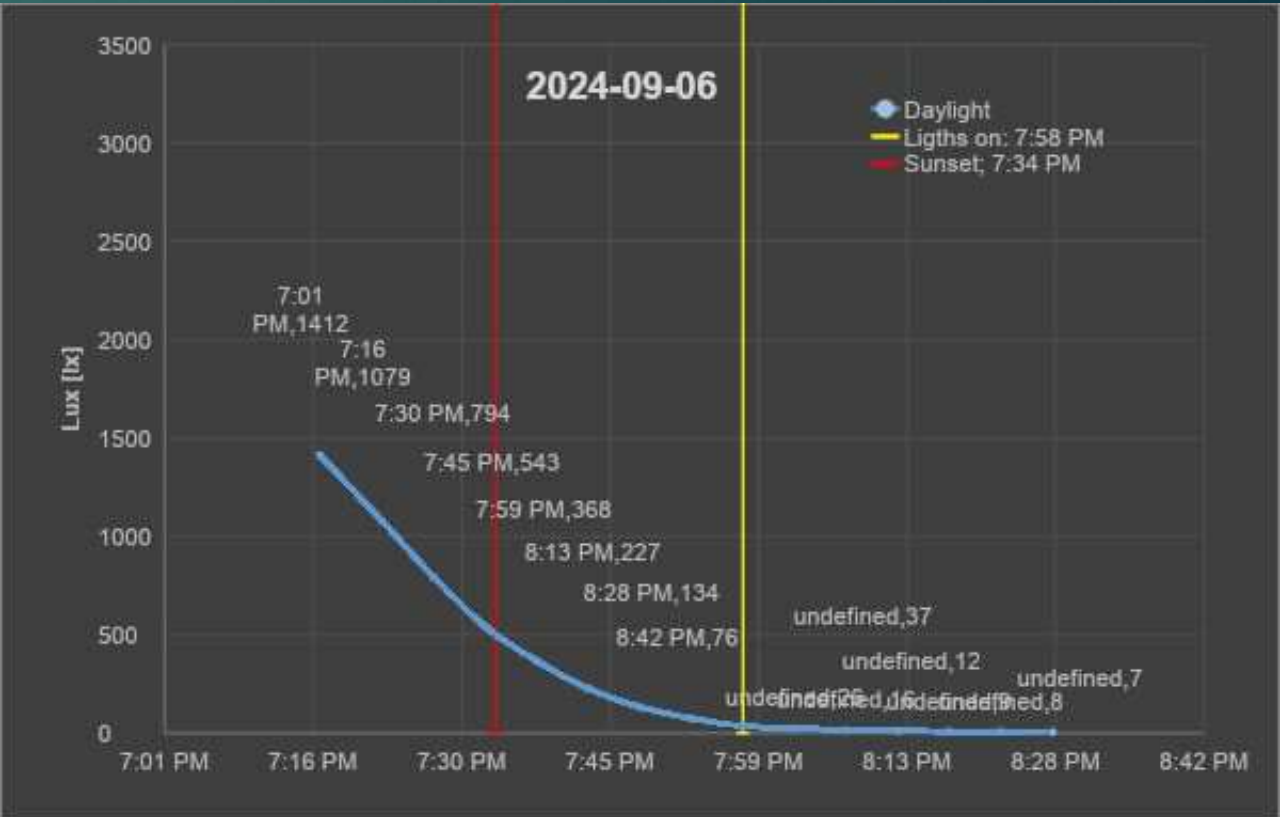
37 LUX at 7:58 PM

Lights on 20 minutes before sunset

Lights on 24 minutes after sunset



Dubai



Stockholm