

Energy Savings Example

Illustrative connected-load comparison | Commercial property in CZ/SK | 100 panels | 12 h/day



ASSUMPTIONS

100 panels, 12 h/day, 365 days/year. Example non-household electricity rates for illustration: Czechia €0.19/kWh; Slovakia €0.20/kWh.



PANELS



/ DAY



DAYS / YEAR



CZ/SK TARIFFS

COMPARISON	LEGACY PANEL 38 W panel	LINEVA U19 22 W panel
 Connected load (100 panels)	3.8 kW	2.2 kW
 Daily energy (12 h/day)	45.6 kWh	26.4 kWh
 Annual energy (365 days/year)	16,644 kWh	9,636 kWh
 Annual energy saved vs 38 W	-	7,008 kWh/year
 Annual cost - Czechia (€0.19/kWh)	€3,162/year	€1,831/year
 Savings vs 38 W - Czechia	-	€1,332/year
 Annual cost - Slovakia (€0.20/kWh)	€3,329/year	€1,927/year
 Savings vs 38 W - Slovakia	-	€1,402/year



22 W vs 38 W

42.1%

lower connected load



ANNUAL ENERGY SAVED

7,008

kWh/year saved



Illustrative connected-load example only. Actual savings depend on operating hours, tariffs, controls, project design and the final application. This is not proof of equivalent delivered illumination.