01/07/2024, Warsaw

Protocol on electricity consumption measurements

intelligent LED lighting Lars Lighting

	EC Białystok - Building A3, Corridor, 3rd
Measuring device Device	floor Single-phase electricity meter
serial number	WZE-1

Before modernization		After modernization	
Quantity	Type of luminaire	Quantity	Type of luminaire
6	4x18W cassette fixture	6	SMART LED Panel 60x60
Measurement start date	Measurement end date	Measurement start date	Measurement end date
May 13	Jun 13	Jun 13	July 1
			
Meter reading before	Meter reading after	Meter reading before	Meter reading after
0.56 kWh	323.77 kWh	323.77 kWh	331.31 kWh
Number of measurement days		Number of measurement days	
31 days		18 days	
The amount of energy used		The amount of energy used	
323.21 kWh		7.54 kWh	
10,426 kWh/day		0.419 kWh/day	
Percentage energy reduction		96%	

Company details: Lars Lighting Sp. z o. o

Headquarters: street Zygmunta Vogla 8, Warsaw, 05-963, Poland

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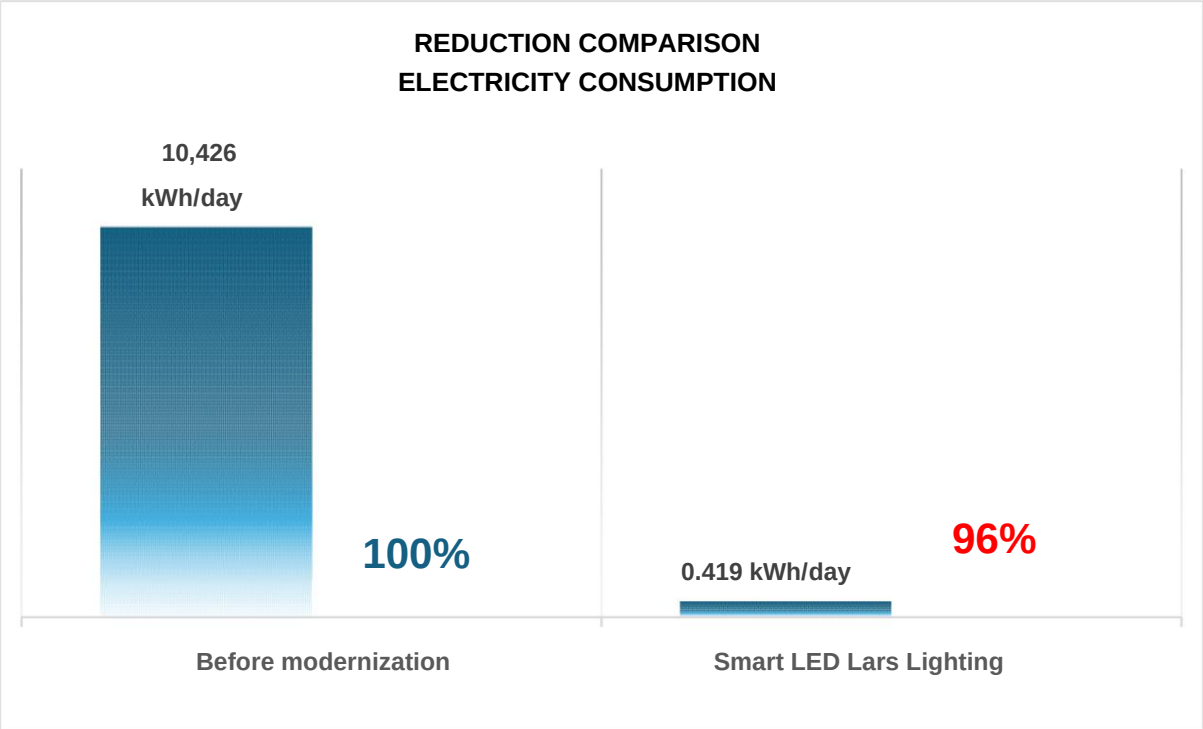
	Electric energy usage	Percentage of energy consumption
Before modernization	**10,426 kWh/day**	**100%**
Smart LED Lars Lighting	**0.419 kWh/day**	**96%**



Compared to current lighting, our luminaires used 96% less energy electricity.

For 31 days, the existing luminaires consumed 323.21 kWh => 10.426 kWh/day.

For 18 days, Lars Lighting LED luminaires consumed 7.54 kWh => 0.419 kWh/day.

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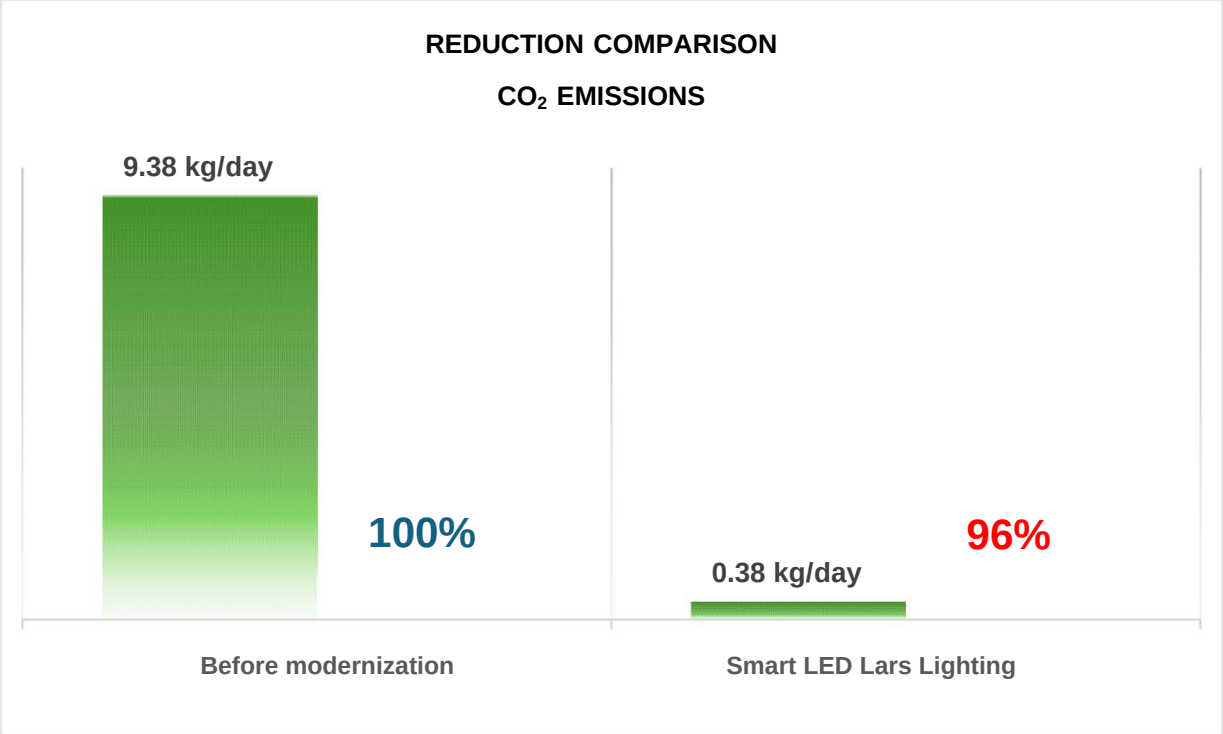
	CO_2 emissions	Percentage of CO_2 emissions
Before modernization	9.38 kg/day	100%
Smart LED Lars Lighting	0.38 kg/day	96%



Compared to current lighting, our luminaires produced 96% less CO_2.

For 31 days, the existing luminaires emitted 290.78 kg of CO_2 => 9.38 kg/day.

For 18 days, Lars Lighting LED fixtures emitted 6.84 kg of CO_2 => 0.38 kg/day.

Within a year of use, CO_2 emissions will decrease by 3,285 kg.

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