

KEY ORDER INFO

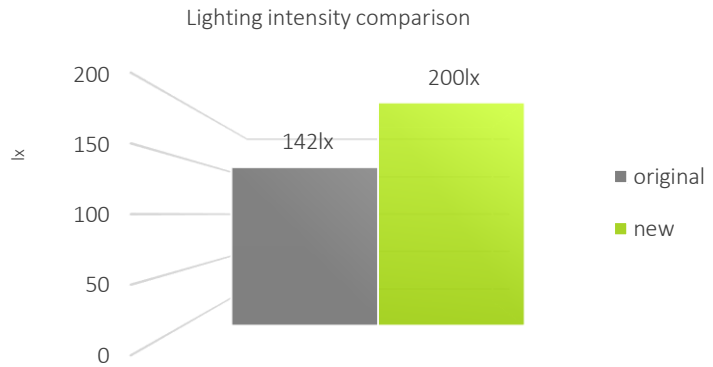
CLIENT:
 ORDER/PROJECT:
 TECHNOLOGY SUPPLIER:
 COMMERCIAL PARTNER:
 INSTALLATION AND TECHNICAL SUPERVISION:
 TIME PERIOD OF REALIZATION:
 TYPE OF LIGHTING:

City of Jihlava
Swimming pool and gym Evzena Rošického, Jihlava
 FRONTIER TECHNOLOGIES, s.r.o.
 AB Facility a.s.
 AB Facility a.s.
 2014
 LED tubes, LED light Grácie

LIGHTING INTENSITY

141%

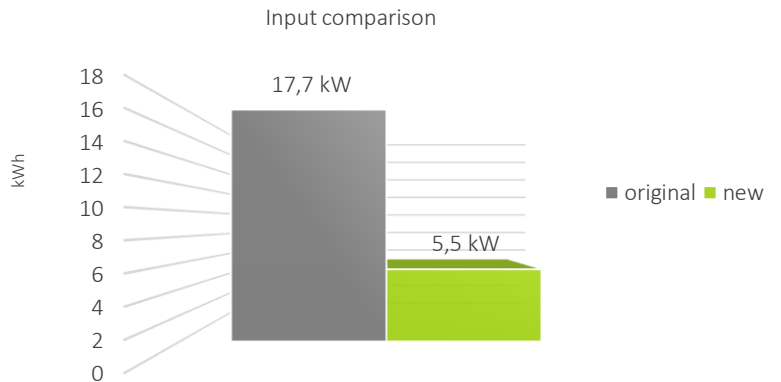
ORIGINAL LIGHTING INTENSITY: 142 lx
 NEW LIGHTING INTENSITY: 200 lx
 INTENSITY OF LIGHTING GROWTH: 58 lx



EL. ENERGY SAVING

69%

ORIGINAL EL. INPUT: 17,7 kW
 NEW EL. INPUT: 5,5 kW
 SAVING: 12,2 kW



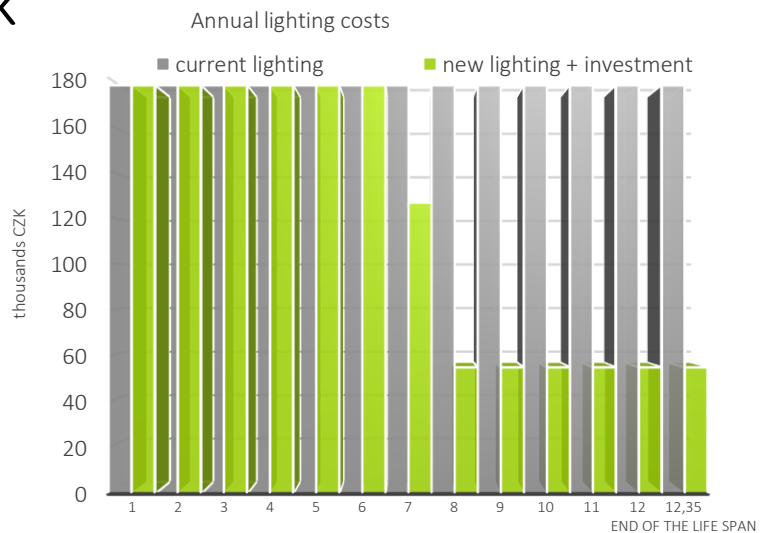
ANNUAL CO₂ SAVING

58 tons

ANNUAL COST SAVING

121 887 CZK

ANNUAL ELECTRICITY CONSUMPTION + OTHER COSTS
 ORIGINAL LIGHTING: 176 823 CZK
 NEW LIGHTING: 54 936 CZK
 YEARLY HOURS OF OPERATION: 4 050 / year



CASE STUDY



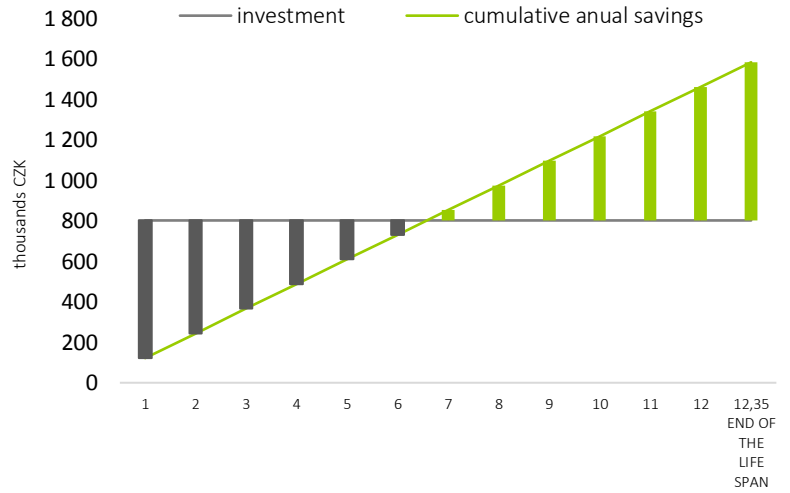
INVESTMENT RETURN

6,58 YEARS

YEARLY HOURS OF OPERATION:
LIFESPAN:

4 050 / year
50 000 hours

Investment return in years



TOTAL INVESTMENT BENEFIT

702 281 CZK

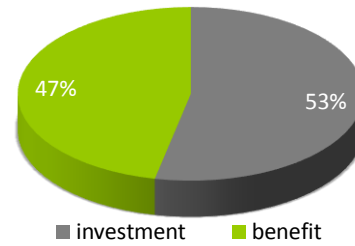
LIFESPAN:

12,35 YEARS

SAVINGS AFTER AMORTIZATION OF
INVESTMENT:

702 281 CZK

Proportion of capital invested vs. investment benefit



COMMENTARY

Luminaires lifetime min. 12,5 years.

Luminaires with proper photometric parameters for the application.

Luminaires design with high IP.

High efficiecný Luminaires.

CASE STUDY



PHOTOS OF INSTALLATION

