



57%



FRISA FORJADOS SA
GARCÍA, NUEVO LEÓN, MEX
INDUSTRIAL LIGHTING

REFERENCES



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ELECTRICITY SAVINGS:
105,330 kWh

	Original project	ARGIA lighting solution
Type of luminaire	1,000 W metal-halide discharge lamps	INLENE 1, 240 W DIM
Number of luminaires	22 units	50 units
Total Input	24.02 kW	12.00 kW
Consumption kWh/year	210,450 kWh	105,120 kWh
Project result	Customer's total operating expenses reduced by 57% with a high luminosity level of 500 lx.	
Return on investment	2 years	

FRISA, global leading manufacturer of seamless rolled rings and open die forgings, requested us to deliver luminaires for new plant. The luminaires were installed by the customer and the discharge lamps on the JASO cranes were also replaced. In designing the project, the high demands on luminosity (500 lx), evenness and low

glare were fulfilled. The lighting system is managed by an **automatic system of luminosity sensors (to ensure a constant level of luminosity)**. Thanks to the installation of LED luminaires and the lighting control system, the **customer will save 57% on electricity and more than 15% on maintenance expenses.**

