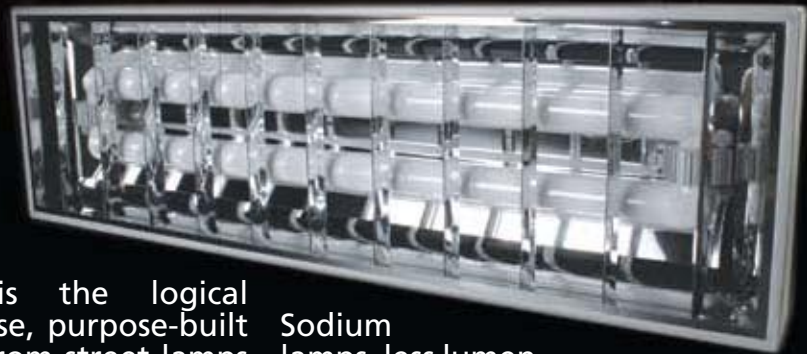


ILLUMINEX

EXTERIOR & INTERIOR LIGHTING FIXTURES

A LONGER LASTING MORE ENERGY
EFFICIENT **GREENER** CHOICE IS HERE



TUROLIGHT's industry leading innovations aren't limited to consumer home lighting market.

Now we are introducing incredible energy and maintenance savings for the commercial and industrial lighting sectors with our ILLUMINEX line of fixtures.

Where maintenance and accessibility are considerations,

ILLUMINEX is the logical choice. Diverse, purpose-built applications from street lamps to high bays, underground garages to outdoor parking lots and sports facilities.

The longevity of these products, up to 100,000 hours is unsurpassed, lasting 5-10 times longer than traditional Metal Halide or High Pressure

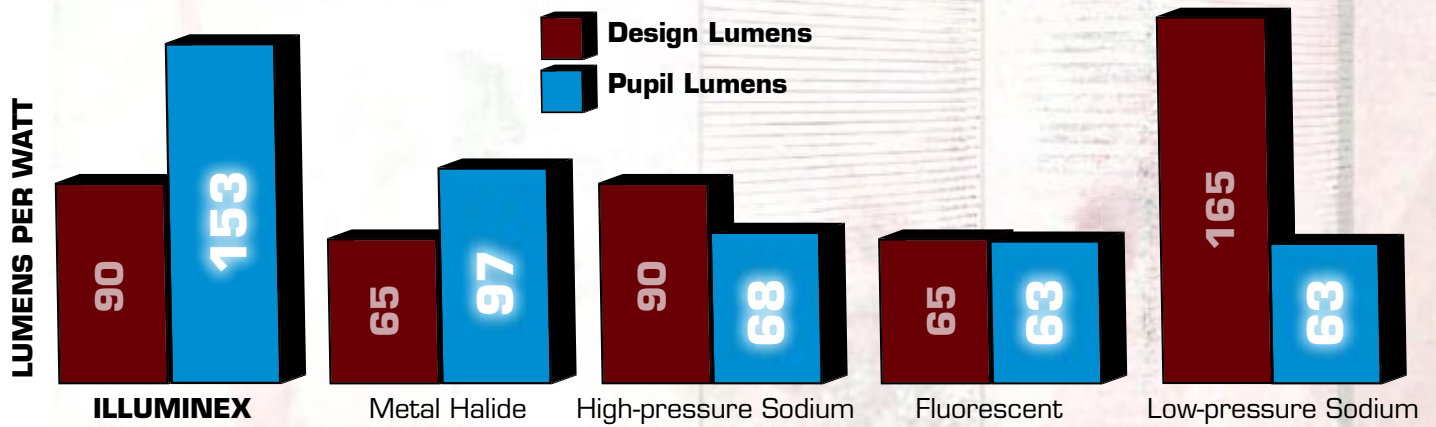
Sodium lamps, less lumen depreciation at end of life (25-30%) and higher CRI (85). Turolight's Premium Quality features include an Integrated, High Power Factor Ballast (>.095), Low Harmonic Distortion (<10%) and an incredible light output of 90 lumens/watt.

UP TO 100,000 HOURS

TUROLIGHT
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FOR FURTHER INFORMATION
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EMAIL: INFO@TUROLIGHT.COM

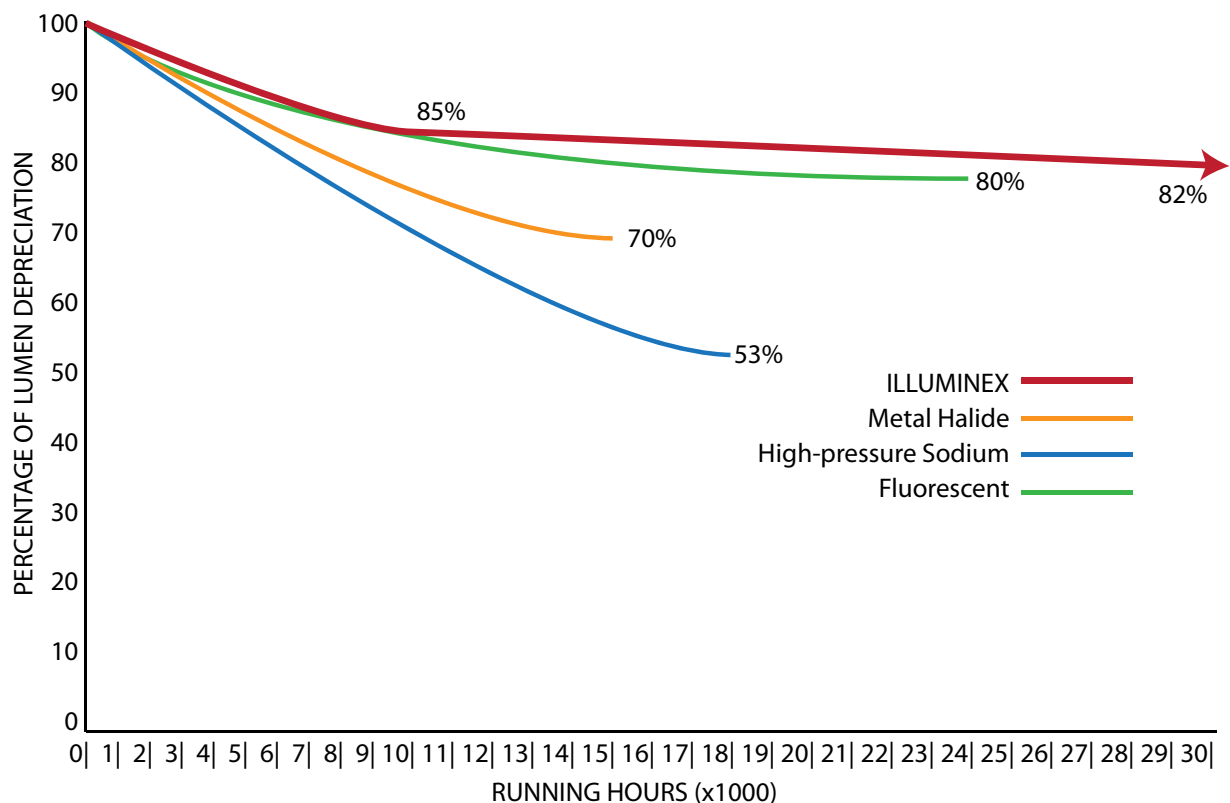




Light source	CRI	Conventional lumens per watt	Correction factor	Pupil lumens per watt
ILLUMINEX	85-90	90	1.7	153
Metal halide	65	65	1.49	97
High-pressure sodium	23	90	0.76	68
Linear T12 or T8 fluorescent	80+	65(T12) 80(T8)	0.98	64(T12) 78(T8)
Low-pressure sodium	15	165	0.38	63

Table 1. Conversion factors for lumens to pupil lumens

Correction factors applied to conventional values of lumens per watt yield a value for pupil lumens per watt, which is a measure of how effectively the eye sees the light that is emitted. The pupil is more receptive to light at the blue end of the spectrum.



Light source	Longevity (Hrs)	Starting Time	Restarting Time	Lumen Depreciation
ILLUMINEX	80,000 - 100,000	0.1s	0.1s	slow
Metal halide	10,000 - 20,000	<8 min	<10 min	fast
High-pressure sodium	10,000 - 24,000	<8 min	<5 min	fast
Linear T12 or T8 fluorescent	20,000 - 30,000	0.5 - 5s	0.5 - 5s	medium

The Metal Halide lamp is most extensively used among the HID lamps with the best combined characteristics and similar lighting efficiency, color temperature and CRI to ILLUMINEX; however its lifetime, lumen maintenance rate, lighting color result and hot restart, cost is not comparable to the induction lamp in the long term.