

EXAMPLE OF CARBON FOOTPRINT REDUCTION AND ENERGY SAVINGS

CASE STUDY:

- Burning hours: 8,760 hours per year
- Number of fixtures: 200 fixtures
- CO2 emissions per fixture: 1 kWh equals 1.45 lbs. of CO2 emissions
- Cost of kWh including demand: \$0.12



Metal-Halide 400W

Lamp and ballast consumption	210W	455W
Burning hours	8,760 hours	8,760 hours
Number of fixtures	200	200
kWh used per year	367,920 kWh	797,160 kWh
lbs. of CO2 emissions per year	533,484 lbs.	1,112,382 lbs.
Energy costs per year (\$0.12 / kWh)	\$44,150.40	\$95,659.40

Comparison table: Think HBDC 200W Induction Lighting vs. 400W Metal-Halide over a period of 1 year

MORE THAN \$51,000 IN ENERGY SAVINGS PER YEAR
578,898 LBS. OF CO2 EMISSIONS SAVED PER YEAR

EQUIVALENT TO TAKING 64 CARS OFF THE ROAD EVERY YEAR
EQUIVALENT TO PLANTING 28,945 TREES EVERY YEAR

think
inductionlighting



WORLD'S GREENEST LIGHTING SOLUTION

- 100% RECYCLABLE
- 40% TO 70% IN ENERGY SAVINGS
- 100,000 HOUR LIFESPAN
- INSTANT RETURN ON INVESTMENT
- FINANCING OPTIONS
- NO MAINTENANCE COSTS

GET PAID TO GO GREEN

THINK GREEN SOLUTIONS A DIVISION OF BEACON ENERGY SYSTEMS
100 AIR DR VONDERBURG POINTS CLARK, CO. 80746
TEL: 303.541.2676
WWW.THINKGREENSOLUTIONS.COM

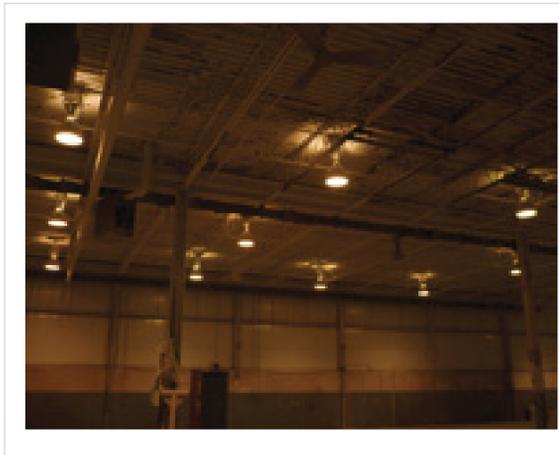
➤ BEST QUALITY OF LIGHT AVAILABLE

- 85 CRI
- 85+ Lumens per watt / 192 pupil lumens
- Kelvin temperatures from 2,700k to 6,500k
- Purest light available, comparable to daylight

SEE FOR YOURSELF



think THK-HBDC / 200W
inductionlighting



Metal Halide / 400W

OTHER BENEFITS

- 10 year warranty on complete system
- Full financing options up to 7 years
- No costly bulb changes every 2 to 5 years
- Instant start, flicker-free (hot or cold starts)
- High generator power factor (PF) up to 95%
- Low lumen depreciation - Less than 30% over lifetime
- Can be used with photocell or motion sensors
- Lowest heat output technology available

➤ CASE STUDY ON MAINTENANCE COSTS

think inductionlighting	T5 454	T8 632	MH-400	HPS-400
Number of fixtures	400	400	400	400
Bulbs per fixture	1	4	6	1
Bulbs total	400	1,600	2,400	400
Lifespan	100,000	30,000	25,000	20,000
Average cost per bulb	\$60.00	\$15.00	\$12.00	\$35.00
Average labor cost to change a bulb	\$35.00	\$9.00	\$9.00	\$35.00
Relamping over 100K hours	0	3,33	4	5
Total lamps replaced over 100K hours	0	5,328	9,600	2,000
Cost of bulbs over 100K hours	0	\$79,920.00	\$115,200.00	\$70,000.00
Cost of labor over 100K hours	0	\$47,952.00	\$86,400.00	\$70,000.00
Total maintenance cost	0	\$127,872.00	\$201,600.00	\$140,000.00

Comparison table: Maintenance costs of THINK Induction compared to other technologies over its lifespan

➤ LESS MERCURY CONTENT

think inductionlighting	HPS	Metal-Halide	F54T5
Wattage per fixture	200	400	216
Mercury per lamp	11.6 mg	17 mg	67 mg
Lamps per fixture	1	1	4
Mercury per fixture	11.6 mg	17 mg	27.6 mg
Number of light changes over 100k hours	1	4.17	5
Mercury per fixture over 100k hours	11.6 mg	70.89 mg	335 mg

Comparison table: Mercury content of THINK Induction compared to other technologies over its lifespan

- THINK Induction lighting not only has the lowest mercury content, it's also in a solid amalgam (non volatile) form. Other technologies use volatile liquid mercury, which is extremely difficult to handle and recycle. Solid mercury is much easier to handle and can be recycled without needing to be triple distilled.

ANOTHER REASON WHY THINK INDUCTION LIGHTS ARE
THE GREENEST LIGHTING SOLUTION ON THE MARKET TODAY!