

GL



Making A Visible Difference In Your Energy Bills



A Visible Difference®



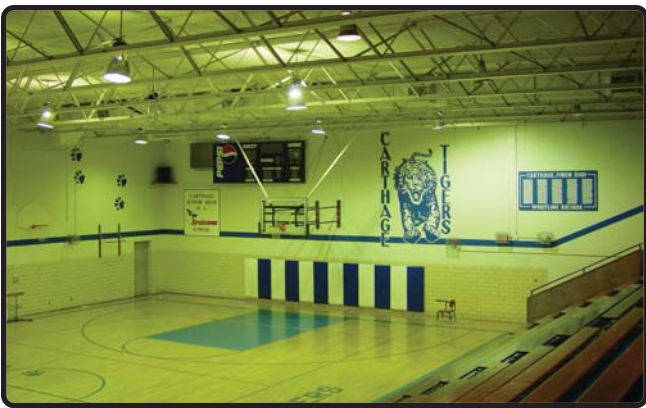
Before

- (16) 400 watt High Pressure Sodium
- Energy consumption – 400 HPS: 465 watts per fixture
Total load = 7.4 Kilowatts
- Footcandles on the floor = 18 average



After

- (16) 4' GL units with (4) 54 watt T5HO lamps, and cord & plug
- Energy consumption – 234 watts per fixture
Total load = 3.7 Kilowatts
- Footcandles on the floor = 34 average



Before

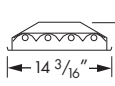


- (15) 400-watt mercury vapor units over the playing floor
(5) 300-watt incandescent units over the bleachers
- Energy consumption – 400 Mercury: 454 watts per fixture
300 Incandescent: 300 watts per fixture
Total load = 8.3 Kilowatts
- Footcandles on the floor = 18 average
- Mounting height = 20', spacing = 20' on center



After

- (20) 4' GL units with (4) 54 watt T5HO lamps, wireguard, and cord & plug
- Energy consumption – 234 watts per fixture
Total load = 4.7 Kilowatts
- Footcandles on the floor = 65 average
- Mounting height = 22', spacing = 20' on center

**Light Level Comparison **
(GL vs. Metal Halide)**

	GL-4-454T5H	High Bay 350W Pulse Start	High Bay 400W
Energy Used	234 Watts	400 Watts	465 Watts
			
	Footcandles	Footcandles	Footcandles
New Lamp	22	25	28
At 10,000 Hours	21	16	20
At 16,000 Hours	21	14	17

** Spacing = 25' on center, mounting height = 24', reflectance = 60/40/20, light loss factor = 0.8
For personalized lighting layout assistance, contact apps@hew.com
For a financial analysis of your lighting requirements, visit our web-site at www.hew.com and click "GL Payback Analysis"

Features & Benefits

- Occupancy sensors are available to instantly turn the lights on only when they're needed – nothing saves energy like lights out!
- Consumes 1/2 the energy of 400-watt HID fixtures and delivers comparable light levels when replaced one-for-one
- Heavy gauge aluminum housing for maximum heat dissipation and extended ballast life
- Easy access to ballast without the removal of lamps or the use of tools
- Unlike HID, T5HO lamps maintain 95% of their original output and provide much better color rendition
- Mounting options include pendant, surface, cable, or chain
- Shallow fixture depth of less than 4" allows fixture placement near the ceiling for maximum space utilization and reduces damage incurred from material handling equipment