



High Output Light Tables

High Frequency (25 kHz or 85 kHz)

FEATURES:

- Custom apertures and configurations available
- Uniform backlighting of large areas
- Extremely high output
- High frequency (flicker-free) illumination
- Wide range of lamp options



StockerYale offers a wide variety of large area fluorescent backlights that are ideal for applications requiring uniform illumination with extremely high output. Such applications include web and pattern inspection, paper or film inspection, process control, frame grabbing and machine vision.

StockerYale has currently standardized on aperture sizes of 14" x 18" (356 x 457mm), 24" x 24" (610 x 610mm) and 24" x 36" (610 x 914mm). These high output light tables are supplied with standard high frequency (25 kHz) drivers with some units offering an optional 85 kHz driver with or without variable intensity control.

Custom light tables are available using a wide variety of lamp options, ballast configurations, diffuser covers and enclosures. StockerYale's highly regarded custom capabilities allow these high output light tables to be designed and manufactured to meet even the most specific application requirements.

Technical Specifications

Input voltage (AC):	110 VAC, 220 VAC or universal input (50/60 Hz)
Operating frequency:	25 kHz or 85 kHz
Variable intensity:	10 to 100% (available option on 85 kHz drivers only)
Lamp output power:	application dependent
Lamp options:	White 4200K (cool white) or 5100K (deluxe daylight) Black Light Blue, UV (365nm, peak) Blue (450nm, peak) Green (544nm, peak) Yellow (585nm, peak) Red (658nm, peak)
Lamp type:	T5 fluorescents; 8" (203.2mm) to 36" (914mm) or T8 fluorescents; 36" (0.91m) to 96" (2.4m)
Lamp life:	7,000 hours
Viewing aperture:	Standards include 14" x 18" (356 x 457mm), 24" x 24" (610 x 610mm) and 24" x 36" (610 x 914mm); custom sizes are also available
Cover options:	Diffusers, polarizers, clear windows or UV transmissive covers
Ballast configurations:	In-line drivers with optional quick-disconnect or built-in drivers
Enclosures:	Machined or formed sheet metal enclosures are available; these can be designed to meet specific NEMA or IP requirements

** For information and pricing on High Output Light Tables, please contact the factory.*



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