Pro80S3

8000 lumen, 3 Chip DLP™ projector

Experience the true artistic palette intended by a film's director and production team. Our Pro80S3 3-chip DLP™ projector is color calibrated and supports the display of the Hollywood DCI color space standard. This means you will see exactly the same colors as a professional theater with much lower cost. No other 720p projector manufacturers can make that claim. Thrill your audiences by offering the best, most accurate color images with an easy to use complete solution.

The **Pro80S3** also incorporates Cinema Color and Cinema Contrast which are prorietary motion picture looks that produce brilliant colors, pleasing flesh tones and rich contrast appearance of a professional cinema.

Cinema contrast acheives a 5000:1 effective contrast ratio on every frame without the inter-frame artifacts and mechanical aperture changes of competitive products.

BOXLIGHT®

Pro80S3

Optics

BRIGHTNESS
8000 Lumens
RESOLUTION
1280x720 (Native 720p)
UNIFORMITY
>95%
DISPLAY TYPE
3 Chip 720p DLP
SHARPNESS
MTF 0.5 @ 2 Line-Pairs
CONTRAST RATIO
5000:1
LAMP
300w x 2 (Dual Lamp)
LAMP LIFE
1500 Hours
ASPECT RATIO
16:9
PRISM/DMD OPTICS
Filtered Air for Dusty Environments
ADJUSTMENTS
Remote and RS232 only
PROJECTION LENS OPTIONS (5 available)
1.2-1.44; 1.44-1.8; 1.8-2.4; 2.4-3.6; 3.6-5.6
PROJECTION LENS IMAGE OFFSETS
Vertical: +50%, -80%
Horizontal: +/-30%
IMAGE THROW DISTANCE
12'-90'
3.7m-27.4m
IMAGE WIDTH RANGE
8'-25'
2.4m-7.6m

Specs

I/O PANEL
DVI-D (HDCP)
PROJECTOR CONTROLS
9-pin Bi-Directional RS232
Hard Wired Remote via RS232
IR Remote
ZOOM/FOCUS/LENS SHIFT
DC Motor Control via IR Remote, Wired
Remote, and RS232
PROJECTION MODES
Front and Rear only
POWER SUPPLY
100-240V, 50-60Hz
DMD INTERFACE
LVDS - 3 Channels/Color (RGB format)
EMI
FCC Class A
VIDEO STANDARDS**
NTSC, PAL, HD, PC, Mac, and Xbox
HDTV/EDTV
48Hz, 50Hz, and 60Hz
720p Native (No Scaling)

Mechanical

ENGINE WEIGHT
55 Lbs (25 kg)
ENGINE (LxWxH)
25.2" x 19.1" x 8.8"
(64.1 x 48.5 x 22.4 cm)
I/O - POWER INPUT
IEC-320-C14 Receptacle
SWITCHES
Hard Power On/Off
Prism Shutter
INDICATORS
LED Power & LED Status Indicators
AUDIBLE RATING
37dB

DCI Color Software*

Cinema Brightness and Contrast[1]
Cinema Color[2]
Greyscale Calibration[3]
Increased Sharpness[4]
Reduced Artifacting[5]

Reliability

OPERATING TEMPERATURE
10 C to 35 C Ambient
STORAGE
-20 C to 60 C, 90% RH
SAFETY
UL 60950-1, CB, CE, RoHS Compatible
POWER CONSUMPTION
770w max (less than 2w in Standby Mode)
WARRANTY
3 Year Parts & Labor
90 Day Lamp Guarantee
24/7 Technical Support
LAMP MODULE/AIR FILTER
User Replaceable

Features

7 Color and Grey Scale Calibration
Only projector that supports DCI Color
Processing (Hollywood standard)
Cinema Color
Cinema Contrast
Independent Color Processing for all video
standards
Power Lens Shift H/V
5 Lens Options
3 Year Parts & Labor Warranty

DLP
A TEXAS INSTRUMENTS TECHNOLOGY

*BOXLIGHT® demands the best image quality for its customers when it comes to 3-chip DLP™ technology. That is why before any Pro80S3 can leave our warehouse, it is first loaded with our proprietary DCI Color Software and tested by our ISF® Certified staff.

**Independent color processing for all video standards - enabling the projector to accurately reproduce the colors intended by each standard.

[1]DCI software enhances the color temperature of the White Balance, Contrast and Brightness to 6500 Kelvin (D65); the most accurate level possible.

[2]Color is three dimensional. That is why our DCI software calibrates the entire color gamut in 3D. This provides the best color match to the professional and artistic intent of the cinema industry.

[3]In addition to cinema color, greyscale is custom calibrated for accurate D65 viewing and consistent colors across all grey levels.

[4]Modulation Transfer Function (MTF) is the accepted measurement for image Sharpness. DCI software sets the MTF of the projector to 0.5 at a frequency of 2 pixels; the optimal value for any display technology.

[5]BOXLIGHT® understands digital video artifacting. Our proprietary software employs that knowledge to avoid artifacts and produce the cleanest image available.

BOXLIGHT®

www.boxlight.com
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