

Pro80S3



DCI Cinema Color Processing, Cinema Color, and Cinema Contrast

The **Pro80S3** is calibrated for **DCI Input** and is the only theater projector that supports the future proof DCI digital color standard used in professional theaters. The **Pro80S3** also incorporates **Cinema Color** and **Cinema Contrast** which are proprietary motion picture looks that produce brilliant colors, pleasing flesh tones and rich contrast appearance of a professional cinema.

Cinema Contrast achieves a 5000:1 effective contrast ratio on every frame without the inter-frame artifacts and mechanical aperture changes of competitive home theater products. By providing **Extra Brightness** and multiple levels of **Cinema Contrast**, the **Pro80S3** also allows manual levels of room lighting.

Color processing for all video standards; NTSC, PAL, HD, PC/Mac, Xbox

The **Pro80S3** includes support for all RGB and gamma video standards to accurately display content from any source. 7 color and grey scale factory calibration of every projector. Every **Pro80S3** will be calibrated for white point and RGBCMY colors, and linearized for accurate D65 viewing and consistent color across all grey levels prior to shipment. Using the TI enhanced color mode, this calibration will correct for D65 white independently of the RGB colors to minimize the loss in brightness caused by only being able to adjust the RGB primaries.

FEATURES:

7 color and grey scale calibration
DCI cinema color processing
Cinema color
Cinema contrast
Color processing for all video standards
Power lens shift H/V
5 lens options
3 year warranty

SHIPS WITH:

Remote control
Power cable
User manual

BOXLIGHT Corporation

800.762.5757

www.boxlight.com



OPTICS:

BRIGHTNESS

8000 lumens (standard)

RESOLUTION

1280x720 (native 720p)

UNIFORMITY

>85%

DISPLAY TYPE

3 Chip 720p DLP

SHARPNESS

Ideal sharpness,
MTF 0.5 @ 2 line-pairs

CONTRAST RATIO

5000:1 contrast ratio,
cinema contrast

LAMP

300W x 2 (dual lamp)

LAMP LIFE

1500 hours

ASPECT RATIO

16:9

ELECTRICAL SPECS:

I/O PANEL

DVI-D (HDCP)

PROJECTOR CONTROLS

Hard wired remote via
RS232, IR remote, 9-Pin,
2 way RS232 25 pin parallel
port—resides internal to
cabinet

ZOOM/FOCUS/OFFSETS

DC motor control via IR
remote

I/O—POWER INPUT

IEC-320-C14 receptacle

SWITCHES

Hard power on/off, shutter

INDICATORS

LED Power & 8 LED status
indicators

PROJECTION MODES

Front, rear

PRISM SHUTTER

Included

PRISM/DMD OPTICS

Filtered air for dusty
environment

ADJUSTMENTS

Remote 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%/Horiz
+/-30%

IMAGE THROW DISTANCE

12' - 90'

IMAGE WIDTH RANGE

8' - 25'



SOFTWARE:

COLOR SUPPORT

Film look, variable contrast,
DCI color

BASIC USER COMMAND LIST

Provided in the user manual

FAULT TOLERANT BALLAST CONTROL

Formatter reset; 5 min lamp
OFF delay

SOFT POWER

Rear panel button (initiates
lamp ON or OFF sequence)

SOFT IMAGE SHUTTER

Rear panel button (leaves lamp
ON)

MECHANICAL:

ENGINE WEIGHT

55 lbs / 25 kg

ENGINE (LxWxH)

25.2" x 19.1" x 8.8"
(64.1 x 48.5 x 22.4cm)

RELIABILITY:

OPERATING TEMPERATURE

10°C to 35°C ambient

STORAGE

-20°C to 60°C, 90% RH

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

ELECTRONICS

Modular replaceable