

projectiondesign as
professional projectors

DLP[®] technology
24 / 7 operation
Up to 5 years warranty
RealColor[™] technology



www.projectiondesign.com



professional series



F22 sx+



F22 1080

model

description

technology	single chip DLP® technology with BrilliantColor™	single chip DLP® technology with BrilliantColor™
concept	small size professional projector with lens shift	small size professional projector with lens shift
resolution (native)	1400 x 1050	1920 x 1080
input resolution (max)	1920 x 1200	1920 x 1200
aspect ratio	4 : 3	16 : 9
colour wheel options	VizSim / Graphics / High Brightness	VizSim / Graphics / High Brightness
Advanced Optical Color Processing filter sets	–	–
brightness (ansi lumens)	1600 / 2100 / 3000	1400 / 2000 / 2700
passive INFITEC 3D Stereo option (for VizSim colour wheel option only)	yes	tba.
contrast ratio	up to 2500 : 1	up to 2500 : 1

optics, lenses, and lamps

ultra wide angle lens	0.80 : 1	0.74 : 1
wide angle lens	1.00 : 1	0.92 : 1
wide angle zoom lens	–	–
standard zoom lens	1.73 - 2.39 : 1	1.60 - 2.21 : 1
short tele zoom lens	2.50 - 3.90 : 1	2.70 - 4.20 : 1
long tele zoom lens	–	–
lens operation	manual zoom and focus, vertical lens shift	manual zoom and focus, vertical lens shift
lens shift / offset	vertical: 10 - 110% with zoom lenses 0 - 80% with wide angle lenses	vertical: 0 - 110% with zoom lenses 0 - 80% with wide angle lenses
lamp options	220W VIDI UHP™	220W VIDI UHP™
lamp life full power / eco (typical)	2250 / 3000 hrs	2250 / 3000 hrs

inputs and connectors

computer connectivity	HDMI 1.3, DVI-I, VGA	HDMI 1.3, DVI-I, VGA
video connectivity	HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite
control	TCP/IP, RS232, 1x 12V trigger, RC	TCP/IP, RS232, 1x 12V trigger, RC
XPort™ expandable I/O	–	–
ProNet compatible	yes	yes

general

weight	about 3.0 kg	about 3.0 kg
dimensions in mm (d w h)	234 x 278 x 94	234 x 278 x 94
standard limited warranty	2 years	2 years
24 / 7 operation coverage (conditions apply)	yes	yes
optional extended warranty (conditions apply)	up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)
lamp warranty	500 hours or 90 days, whichever comes first	500 hours or 90 days, whichever comes first
availability	now	now



F22 wuxga



F12 sx+



F12 1080



F12 wuxga

single chip DLP® technology with BrilliantColor™	single chip DLP® technology with BrilliantColor™	single chip DLP® technology with BrilliantColor™	single chip DLP® technology with BrilliantColor™
small size professional projector with lens shift	high contrast, fixed offset professional projector for scientific visualisation and simulation	high contrast, fixed offset professional projector for scientific visualisation and simulation	high contrast, fixed offset professional projector for scientific visualisation and simulation
1920 x 1200	1400 x 1050	1920 x 1080	1920 x 1200
1920 x 1200	1920 x 1200	1920 x 1200	1920 x 1200
16 : 10	4 : 3	16 : 9	16 : 10
VizSim / Graphics / High Brightness	VizSim / Graphics / High Brightness	VizSim / Graphics / High Brightness	VizSim / Graphics / High Brightness
-	-	-	-
1400 / 2000 / 2700	2000 / 2600 / 3900 (300W) 1500 / 2000 / 2900 (220W)	1800 / 2400 / 3500 (300W) 1400 / 1800 / 2600 (220W)	1800 / 2400 / 3500 (300W) 1400 / 1800 / 2600 (220W)
tba	yes	yes	yes
up to 2500 : 1	up to 2500 : 1	up to 3000 : 1	up to 4000 : 1
0.74 : 1	-	-	-
0.92 : 1	1.03 : 1	0.95 : 1	0.95 : 1
-	-	-	-
1.60 - 2.21 : 1	1.70 - 2.20 : 1	1.60 - 2.00 : 1	1.60 - 2.00 : 1
2.70 - 4.20 : 1	-	-	-
-	-	-	-
manual zoom and focus, vertical lens shift	manual zoom and focus	manual zoom and focus	manual zoom and focus
vertical: 0 - 104% with zoom lenses 0 - 80% with wide angle lenses	vertical: 110% fixed	vertical: 110% or 124% fixed	vertical: 110% or 118% fixed
220W VIDI UHP™	220W or 300W VIDI UHP™	220W or 300W VIDI UHP™	220W or 300W VIDI UHP™
2250 / 3000 hrs	2250 / 3000 or 2000 / 2500 hrs	2250 / 3000 or 2000 / 2500 hrs	2250 / 3000 or 2000 / 2500 hrs
HDMI 1.3, DVI-I, VGA	HDMI, DVI-D, 2x VGA	HDMI, DVI-D, 2x VGA	HDMI, DVI-D, 2x VGA
HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite
TCP/IP, RS232, 1x 12V trigger, RC	TCP/IP, RS232, 2x 12V trigger, RC	TCP/IP, RS232, 2x 12V trigger, RC	TCP/IP, RS232, 2x 12V trigger, RC
-	-	-	-
yes	yes	yes	yes
about 3.0 kg	<3.5 kg	<3.5 kg	<3.5 kg
234 x 278 x 94	278 x 278 x 110	268 x 300 x 104	268 x 300 x 104
2 years	2 years	2 years	2 years
yes	yes	yes	yes
up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)
500 hours or 90 days, whichever comes first	500 hours or 90 days, whichever comes first	500 hours or 90 days, whichever comes first	500 hours or 90 days, whichever comes first
now	now	now	now



F32 sx+



F32 1080



F32 wuxga



FL32 1080

	single chip, dual lamp DLP® technology with BrilliantColor™	single chip, dual lamp DLP® technology with BrilliantColor™	single chip, dual lamp DLP® technology with BrilliantColor™	single chip DLP® projector with ReaLED™ LED illumination technology
	fail safe high resolution professional projector with full lens shift and hot swap lamp modules	fail safe high resolution professional projector with full lens shift and hot swap lamp modules	fail safe high resolution professional projector with full lens shift and hot swap lamp modules	LED based high resolution projector for 24/7 operation, or highly accurate colour displays
	1400 x 1050	1920 x 1080	1920 x 1200	1920 x 1080
	1920 x 1200	1920 x 1200	1920 x 1200	1920 x 1200
	4 : 3	16 : 9	16 : 10	16 : 9
	VizSim / Graphics / High Brightness	VizSim / Graphics / High Brightness	VizSim / Graphics / High Brightness	user selectable profiles: VizSim, High Brightness
	-	-	-	-
	3100 / 4800 / 8000 ¹⁾	2900 / 4500 / 7500 ¹⁾	2900 / 4500 / 7500 ¹⁾	up to 750
	yes	yes	yes	-
	up to 7500 : 1	up to 7500 : 1	up to 7500 : 1	infinite when input level is zero, up to 7500 : 1 corrected
	0.84 : 1	0.79 : 1	0.79 : 1	0.79 : 1
	1.25 : 1	1.16 : 1	1.16 : 1	1.16 : 1
	1.34 - 1.74 : 1	1.24 - 1.60 : 1	1.24 - 1.60 : 1	1.24 - 1.60 : 1
	1.74 - 2.51 : 1	1.60 - 2.32 : 1	1.60 - 2.32 : 1	1.60 - 2.32 : 1
	2.56 - 4.10 : 1	2.37 - 3.79 : 1	2.37 - 3.79 : 1	2.37 - 3.79 : 1
	4.10 - 7.10 : 1	3.80 - 6.50 : 1	3.80 - 6.50 : 1	3.80 - 6.50 : 1
	motorized zoom and focus, vertical and horizontal shift	motorized zoom and focus, vertical and horizontal shift	motorized zoom and focus, vertical and horizontal shift	motorized zoom and focus, vertical and horizontal shift
	vertical: ± 110% horizontal: ± 90%	vertical: ± 125% horizontal: ± 84%	vertical: ± 117% horizontal: ± 84%	vertical: ± 125% horizontal: ± 84%
	300W VIDU UHP™ (2x)	300W VIDU UHP™ (2x)	300W VIDU UHP™ (2x)	ReaLED™ illumination with PhlatLight LEDs
	2000 / 2500 (5000 in relay mode) hrs	2000 / 2500 (5000 in relay mode) hrs	2000 / 2500 (5000 in relay mode) hrs	up to 100.000 hours (typical expected)
	HDMI, DVI-D, VGA, BNC	HDMI, DVI-D, VGA, BNC	HDMI, DVI-D, VGA, BNC	HDMI, DVI-D, VGA, BNC
	HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite
	TCP/IP , RS232, 2x 12V trigger, RC	TCP/IP , RS232, 2x 12V trigger, RC	TCP/IP , RS232, 2x 12V trigger, RC	TCP/IP , RS232, 2x 12V trigger, RC
	yes, 2x	yes, 2x	yes, 2x	yes, 2x
	yes	yes	yes	yes
	12.6 kg (excluding lens)	12.6 kg (excluding lens)	12.6 kg (excluding lens)	14 kg (excluding lens)
	375 x 507 x 218	375 x 507 x 218	375 x 507 x 218	375 x 507 x 218
	2 years	2 years	2 years	2 years
	yes	yes	yes	yes
	up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)
	500 hours or 90 days, whichever comes first	500 hours or 90 days, whichever comes first	500 hours or 90 days, whichever comes first	tba.
	now	now	now	now

¹⁾ Centre lumens

¹⁾ Centre lumens

¹⁾ Centre lumens



FL32 wuxga



F82 1080



F82wuxga

single chip DLP® projector with RealLED™ LED illumination technology	3-chip, dual lamp DLP® technology with adaptive contrast adjustment	3-chip, dual lamp DLP® technology with adaptive contrast adjustment
LED based high resolution projector for 24/7 operation, or highly accurate colour displays	fail safe high resolution professional projector with full lens shift and two lamps modules	fail safe high resolution professional projector with full lens shift and two lamps modules
1920 x 1200	1920 x 1080	1920 x 1200
1920 x 1200	1920 x 1200	1920 x 1200
16 : 10	16 : 9	16 : 10
user selectable profiles: VizSim, High Brightness	-	-
-	REC709 (motorized)	REC709 (motorized)
up to 750	10000 ¹⁾	10000 ¹⁾
-	yes	yes
infinite when input level is zero, up to 7500 : 1corrected	>15000 : 1 (automatically adaptive)	>15000 : 1 (automatically adaptive)
0.79 : 1	0.74 : 1	0.74 : 1
1.16 : 1	-	-
1.24 - 1.60 : 1	1.20 - 1.70 : 1	1.20 - 1.70 : 1
1.60 - 2.32 : 1	1.70 - 2.55 : 1	1.70 - 2.55 : 1
2.37 - 3.79 : 1	2.50 - 4.00 : 1	2.50 - 4.00 : 1
3.80 - 6.50 : 1	3.90 - 6.24 : 1	3.90 - 6.24 : 1
motorized zoom and focus, vertical and horizontal shift	motorized zoom and focus, vertical and horizontal shift	motorized zoom and focus, vertical and horizontal shift
vertical: ± 117% horizontal: ± 84%	vertical: ± 124% horizontal: ± 89%	vertical: ±117% horizontal: ±84%
RealLED™ illumination with PhlatLight LEDs	330W VIDU UHP™ (2x)	330W VIDU UHP™ (2x)
up to 100.000 hours (typical expected)	1700 / 2000 (4000 in relay mode) hrs	1700 / 2000 (4000 in relay mode) hrs
HDMI, DVI-D, VGA, BNC	HDMI, DVI-D, VGA, BNC	HDMI, DVI-D, VGA, BNC
HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite	HDMI 1.3, component, S-video, composite
TCP/IP , RS232, 2x 12V trigger, RC	TCP/IP , RS232, 2x 12V trigger, RC	TCP/IP , RS232, 2x 12V trigger, RC
yes, 2x	yes, 2x	yes, 2x
yes	yes	yes
14 kg (excluding lens)	26 kg (excluding lens)	26 kg (excluding lens)
375 x 507 x 218	603 x 505 x 250	603 x 505 x 250
2 years	2 years	2 years
yes	yes	yes
up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)	up to 3 years extended (total warranty period 5 years)
tba.	500 hours or 90 days, whichever comes first	500 hours or 90 days, whichever comes first
now	now	now

¹⁾ Centre lumens

¹⁾ Centre lumens