TENSIONED DESCENDERPRO

Motorized projection screen for ceiling recessed installations

PROJECTA
A brand of legrand

Traditional Blackdrop   SightLine Cable-Drop

Product specifications:

- Ceiling recessed electrically operated projection screen 230 volt (50Hz) with a usage of no more than 0.43 Ampere (98.9 Watt).
- The motor is mounted inside the roller, 4 wire, 26 rotations per minute, maintenance free, integrated brake and thermal overload cut-out.
- The 4 wire connection goes through the metal casing.
- The casing is galvanised on the inside and on the outside powder coated with a matte structure coating (RAL 9016).
- The roller with the projection surface is supplied fully mounted but can be removed on location for the protection of the projection surface.
- After installation the projection screen surface is reachable through the bottom of the casing.
- The bottom of the case can swing open through an easy and innovative unlocking mechanism.
- Install the screen case separate from the screen surface during the rough-in stages of construction.
- The Screen Surface Assembly includes the roller, motor and screen surface.
- The roller can be easily removed via a unique push-release mechanism.
- The triangular slat bar rolls into the case completely.
- The screen fabrics are flame retardant and seamless in the viewing area.
- Each side of the surface to have tab guide cable system to maintain even lateral tension and hold surface flat.
- Custom slat bar with added weight maintains vertical tension on the screen surface. The ends of the slat to be protected by heavy duty plastic caps enclosing a preset adjustable mechanism for screen tensioning.
- The projection fabrics have a black backing.
- Standard 3 position wall switch is supplied.
- The projection screen is CE marked and satisfies the strictest quality and safety requirements.
- Integrated RF receiver option: this version will have a 3 wire connection and will be supplied with a remote control.

SightLine Cable-Drop System

- SightLine replaces the standard black border above the projection area with 3 or 4 thin cables that can be extended up to 180 cm onsite. Now your view above the projection screens projection area is no longer blocked and gives the impression of a large floating image.
- The SightLine Cable-Drop System will unroll with 3 or 4 cables and can be extended up to 180 cm during installation.
- A DescenderPro with SightLine will have the projection surface unroll from the front of the case, with the motor positioned on the right side.

Traditional Blackdrop

- The projection screen will have a 30 cm blackdrop (black top border) above the projection area.
- A DescenderPro with a traditional blackdrop will have the projection surface unroll from the back of the case, with the motor positioned on the left side.

Options:
- RF - Radio frequency: Includes built-in radio frequency receiver, making it possible to operate the screen using the supplied remote control. Standard remote control is supplied when selected this option.
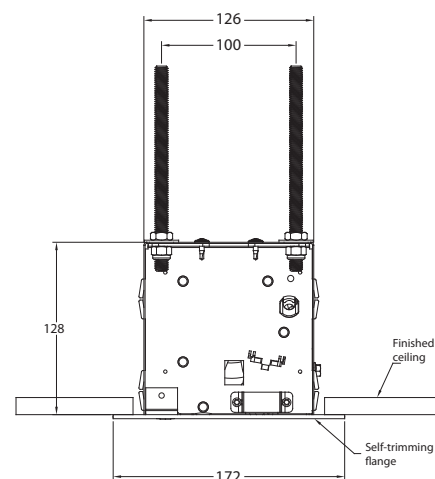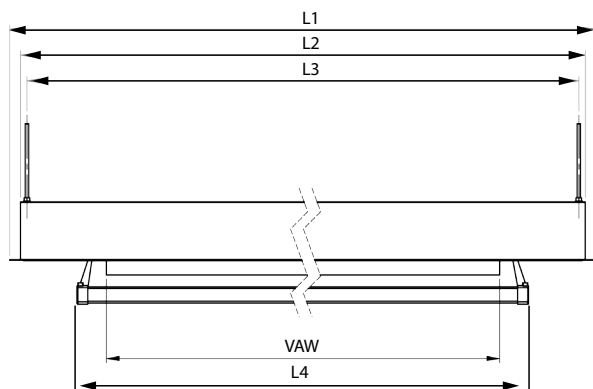
Aspect Ratios:

16:10   16:9
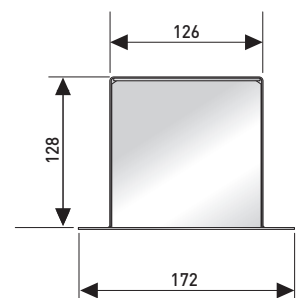
Available dimensions
Minimum width: 180 cm
Maximum width: 400 cm

126
128
172

TENSIONED DESCENDERPRO

			Tensioned DescenderPro			
		Viewing Area	Dimensions (mm)			
		cm	L1	L2	L3	L4
16:10	200	119 x 190	2378	2348	2329	2127
	220	131 x 210	2578	2548	2529	2341
	240	144 x 230	2778	2748	2729	2525
	260	156 x 250	2978	2948	2929	2771
	280	169 x 270	3178	3148	3129	2933
	300	181 x 290	3378	3348	3329	3145
	320	194 x 310	3603	3573	3554	3355
	340	206 x 330	3823	3793	3774	3567
	360	219 x 350	3978	3948	3929	3779
	380	231 x 370	4178	4148	4129	3991
	400	244 x 390	4378	4348	4329	4105
16:9	200	107 x 190	2378	2348	2329	2113
	220	118 x 210	2578	2548	2529	2325
	240	129 x 230	2778	2748	2729	2539
	260	141 x 250	2978	2948	2929	2751
	280	152 x 270	3178	3148	3129	2967
	300	163 x 290	3378	3348	3329	3181
	320	174 x 310	3603	3573	3554	3397
	340	186 x 330	3823	3793	3774	3615
	360	197 x 350	3978	3948	3929	3757
	380	208 x 370	4178	4148	4129	3969
	400	219 x 390	4378	4348	4329	4179

TENSIONED DESCENDERPRO

Available High Resolution projection surfaces
All screen surfaces are seamless in the viewing area.

HD PROGRESSIVE

HD Progressive 0.6
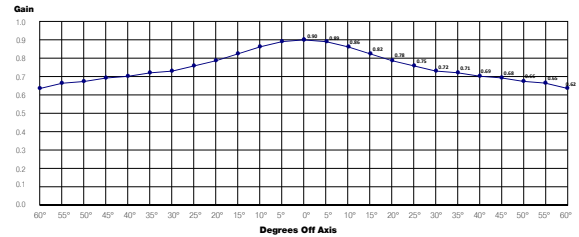|	
Gain:	0.6
Viewing Angle:	170°
Base material:	Vinyl
Fire retardancy:	B2
Black backing:	Yes
Opacity rating:	> 99 %
Seamless:	Yes
GreenGuard certification:	Yes

GREENGUARD
GOLD

Standard: UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Certification number

Greenguard - 11065-410

Greenguard Gold - 11065-420
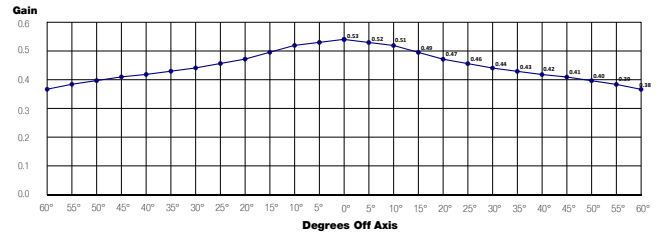
HD Progressive 0.9
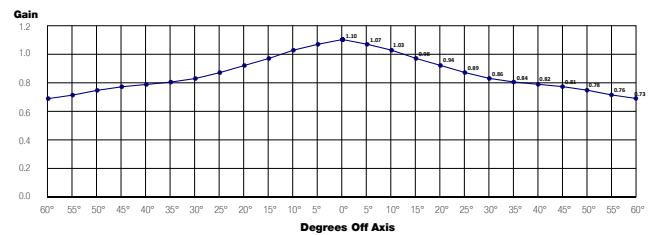|	
Gain:	0.9
Viewing Angle:	170°
Base material:	Vinyl
Fire retardancy:	B2
Black backing:	Yes
Opacity rating:	> 99 %
Seamless:	Yes
GreenGuard certification:	Yes

GREENGUARD
GOLD

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Certification number

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Greenguard Gold - 11066-420

HD Progressive 1.1
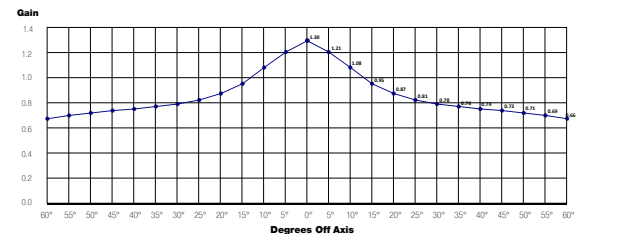|	
Gain:	1.1
Viewing Angle:	170°
Base material:	Vinyl
Fire retardancy:	B2
Black backing:	Yes
Opacity rating:	> 99 %
Seamless:	Yes
GreenGuard certification:	Yes

GREENGUARD
GOLD

Standard: UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Certification number

Greenguard - 11067-410

Greenguard Gold - 11067-420

HD Progressive 1.3
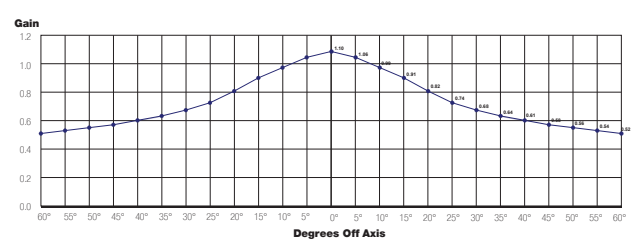|	
Gain:	1.3
Viewing Angle:	150°
Base material:	Vinyl
Fire retardancy:	B2
Black backing:	Yes
Opacity rating:	> 99 %
Seamless:	Yes
GreenGuard certification:	Yes

GREENGUARD
GOLD

Standard: UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Certification number

Greenguard - 42729-410

Greenguard Gold - 42729-420

HD Progressive 1.1 Contrast
Gain:	1.1
Viewing Angle:	120°
Base material:	Vinyl
Fire retardancy:	B2
Black backing:	Yes
Opacity rating:	> 99 %
Seamless:	Yes
GreenGuard certification:	Yes

GREENGUARD
GOLD

Standard: UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Certification number

Greenguard - 5100-410

Greenguard Gold - 5100-420

TENSIONED DESCENDERPRO

Available high resolution rear projection surfaces

All screen surfaces are seamless in the viewing area.

Dual Vision

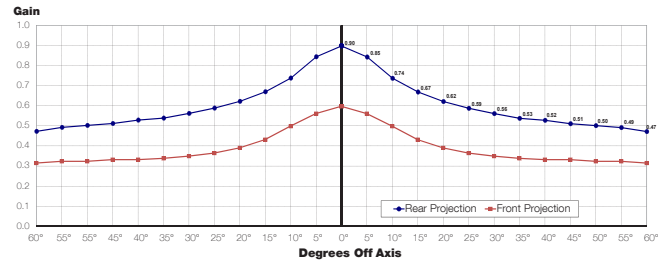|	
Gain:	0.9
Viewing Angle:	130°
Base material:	Vinyl
Fire retardancy:	B2
Seamless:	Yes
GreenGuard certification:	Yes

Standard: UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Certification number

Greenguard – 5100-410

Greenguard Gold – 5100-420

Available perforated projection surfaces

All screen surfaces are seamless in the viewing area.

HD Progressive 1.1 Contrast Perf

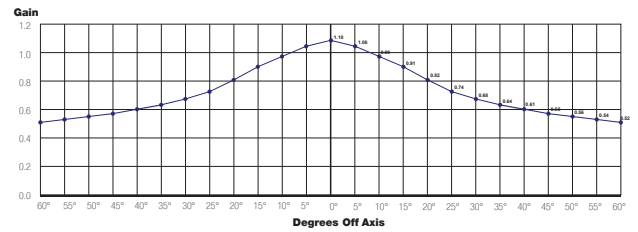|	
Gain:	1.1
Viewing Angle:	120°
Base material:	Vinyl
Fire retardancy:	B2
Black backing:	Yes
Opacity rating:	> 99 %
Seamless:	Yes
GreenGuard certification:	Yes
Hole diameter:	0.7 mm
Open area:	8.65%

Standard: UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Certification number

Greenguard – 5100-410

Greenguard Gold – 5100-420

Available standard resolution projection surfaces

All screen surfaces are seamless in the viewing area.

Matte White

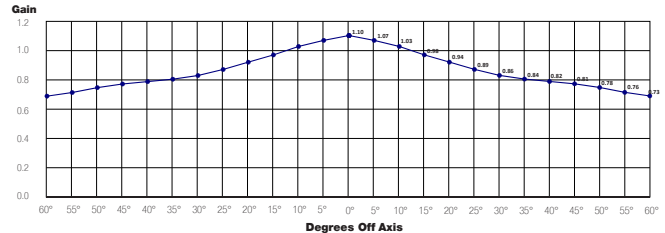|	
Gain:	1.0
Viewing Angle:	120°
Base material:	Vinyl
Fire retardancy:	B2
Black backing:	Yes
Opacity rating:	> 99 %
Seamless:	Yes
GreenGuard certification:	Yes

Standard: UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Certification number

Greenguard – 11067-410

Greenguard Gold – 11067-420

Certifications

- Products are manufactured in an ISO14001 certified facility
- Projecta is an ISO 9001 certified company
- REACH - Registration, Evaluation, Authorisation and Restriction of Chemical substances.
- RoHS - Restriction of Hazardous Substances.
- WEEE - Waste Electronic and Electrical Equipment Regulations.

Customisation

Give exact the sizes of the projection screen you need:

Viewing size: _____ Heigth (cm.) x _____ width (cm.)

Surface: _____ Border top: _____ (cm.)   Border bottom: _____ (cm.)

RAL color case and plastic parts: RAL _____

☐ Motor positioned on right side

Remarks: _____

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Accessories - control options

For projection screens with a standard motor / delivered as standard with a wall switch
- All-in-One Control Box, which contains:
> Relay (dry contact)
> RF control, including remote control
> IR control, including remote control
> Manual switch
> 12v DC trigger
- Power Sensing Trigger (need All-in-One Box to function)
- Easy Install plug & play relaybox with potential free contacts
> Easy Install plug & play RS232/RS422 control kit
> Easy Install plug & play RS232/RS422 with IP control kit
- Keyswitch

For projection screens with an RF motor / delivered as standard with a remote control
- RF wall-mounted transmitter (433,92 Mhz)
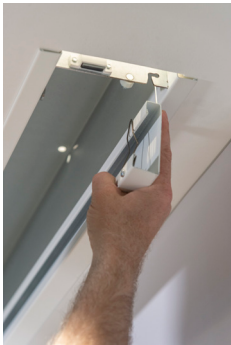- 4-channel RF remote control (433,92 Mhz)

Accessories - installation

- Ceiling brackets (100 cm.)
- Set extension brackets (75 cm.)
- Set extension brackets (30 cm.)

DescenderPro - 2-step Installation

After installation of the case, you can separately install the Screen Surface Assembly, which contains the roller, motor and screen surface.

Warranty

Projecta provides a limited 5 year warranty on the DescenderPro + Elpro Concept range and a limited 2 year warranty on all other products. The warranty on the motor of electrical screens is 5 year. All warranties are in effect beginning the date the product was invoiced by Projecta.