

# Eye**p**lay™

## For The Floor

**Technical information, Pre-installation requisites and  
installation method**

**Note: Client must complete site preparations before the EyePlay installation takes place.**

### **General**

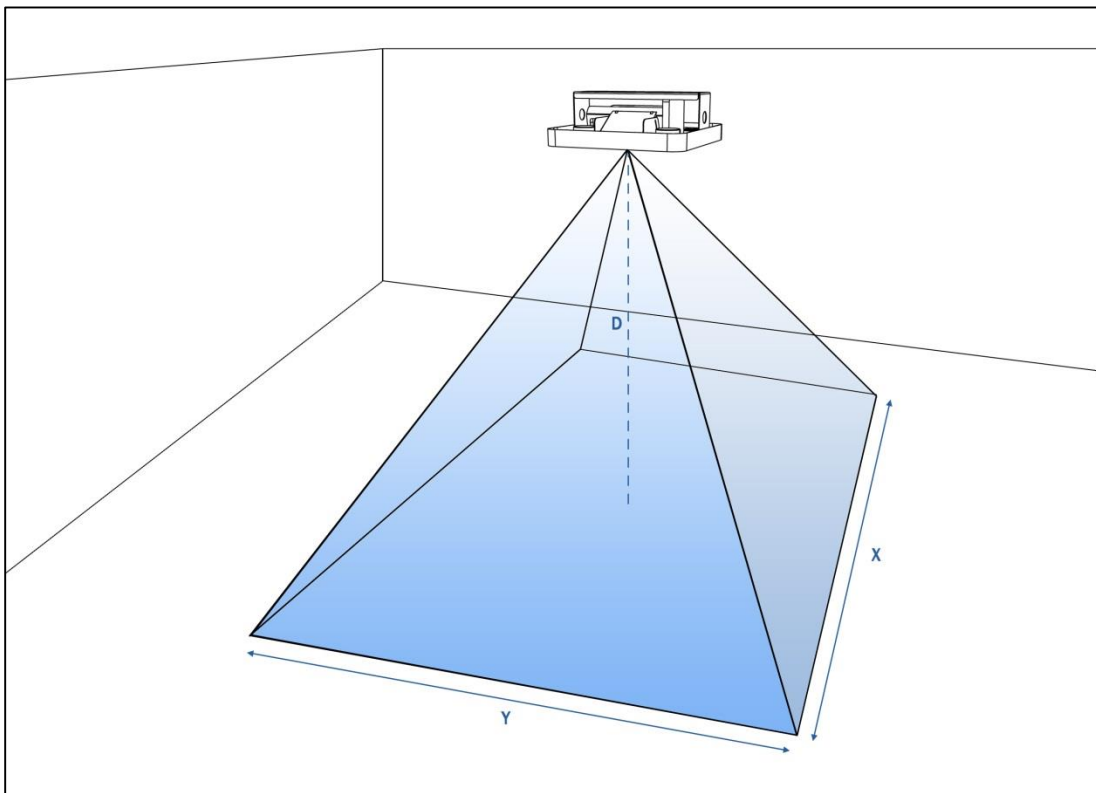


The EyePlay/EyeStep interactive systems use a horizontally positioned projector and an angled mirror to project an image on the floor.

The system integrates the following components:

- Computer
- Projector
- 3D camera
- Sound speakers
- Audio amplifier

The image size and brightness are affected by the facility lightening quality, ceiling height and the projector specifications.



## 1. Pre-Installation requisites (to be performed by client)

- **Floor** - A smooth, non-reflective, non-glossy, light colored (preferred white) surface of any kind is required (can be marble, wood, vinyl flooring, etc.).
  - Recommended: [Gerflor Taralay UNI Comfort](#) or [Tarkett Tapiflex Excellence 65](#)
- **Ceiling** - Make sure there is a ready square opening of at least 610mm / 24 Inches + service hatch next to it for technical maintenance.
- **Environment** –
  - **Lightening:** A shady-dark environment is recommended ambient light is up to 200 Lux. This may require removing direct lights and shading windows, which are located next to the playground area.
  - **Temperature:** A cool and air conditioned environment is required, 0° C -35°C or 32°F - 95°F in the designated installation area of the device (including the environment above a drop ceiling, in case of such installation).
- **Electricity** – Single socket of permanent and stable power supply (110-240v). In non-stable power systems, UPS is mandatory.
- **Network** - Ethernet LAN Cable Cat.5 with RJ45 Male connection.

## 2. Installation (to be performed by Installation team)

- The unit will be anchored to a concrete ceiling or to any firm structure, it can replace the floating ceiling tile and rest as the false ceiling's original frame.



- Unit dimensions:
  - 612mm x 612mm x 290mm / 24" x 24" x 11.5" (the outer size can be reduced by 15mm / 0.6", if needed, by removing the external cover).
  - Weight: 18Kg / 40 Pounds
- The anchorage must be able to carry a total of 60 KG/132 Lbs minimum. It can be performed using bolts and chains or threaded rods. Make sure mounting hardware is certified and complies with international safety regulations:



### 3. Projection dimensions calculator (Metric and Imperial dimensions):

False ceiling height		Image width		Image height	
Metric	Imperial	Metric	Imperial	Metric	Imperial
2m	6.5 Ft	160-190 cm	63"-75"	120-140 cm	47"-55"
2.5m	8 Ft	195-230 cm	77"-90"	145-175 cm	57" - 70"
3m	10 Ft	230-270 cm	90" - 106"	175-205 cm	70" - 80"
3.5m	11.5 Ft	265-310 cm	105" - 122"	200-230 cm	78" – 90"
4m	13 Ft	300-350 cm	118" – 138"	225-265 cm	90" – 105"
4.5m	15 Ft	330-390 cm	130" – 154"	250-295 cm	98"-116"
5m	16.5 Ft	370-435 cm	145" – 170"	275-325 cm	110" – 130"

- The unit's height is 30 cm / 1Ft. When calculating the image size, in case of a free-standing device installation, this figure should be reduced from the ceiling's height.
- Final projection size can vary depending on the unit location Vs. projection location.

### Site Information and client sign-off

Site name:		
Address:		
Contact Information	Name:	
	Phone No.:	
	e-mail address:	
Structural Information	Ceiling height (from concrete to floor):	
	False ceiling height (from floating ceiling to floor):	
	Play Area Dimensions:	
Estimated date of site preparations completion:		
Required installation date:		

I accept the pre-installation requisites, and will make sure they are complete before the installation takes place.

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

