

DLP Cinema® Projector

**NC3240S-A**

# **Safety Information**

Based on the IEC/EN 62471-5 standard: Edition 1.0, 2015

Sharp NEC Display Solutions, Ltd.

# Hazard Distance (HD) information of NEC Xenon Cinema Projectors



## **WARNING**

No direct exposure to the beam shall be permitted, RG3 IEC/EN 62471-5:2015. Operators shall control access to the beam within the hazard distance or install the product at the height that will prevent spectators' eyes from being in the RG3 zone.

- The below table describes the radiation range of emitted light by following Cinema Projector models, which are classified as Risk Group 3 (RG3) of IEC/EN 62471-5 First edition 2015.
- This projector must be installed at a height that will prevent your eyes from being exposed within the RG3 zone. The equipment administrator (operator) must control the entry of viewers into the RG3 zone.

### **- Description of the safety zone**

Install a barrier for preventing human eyes from entering the RG3 zone. For the barrier installation position, keep horizontal safety zone over 1 m from the RG3 zone. To install the projector over head, keep at least 2 m distance between the floor surface and the RG3 zone.

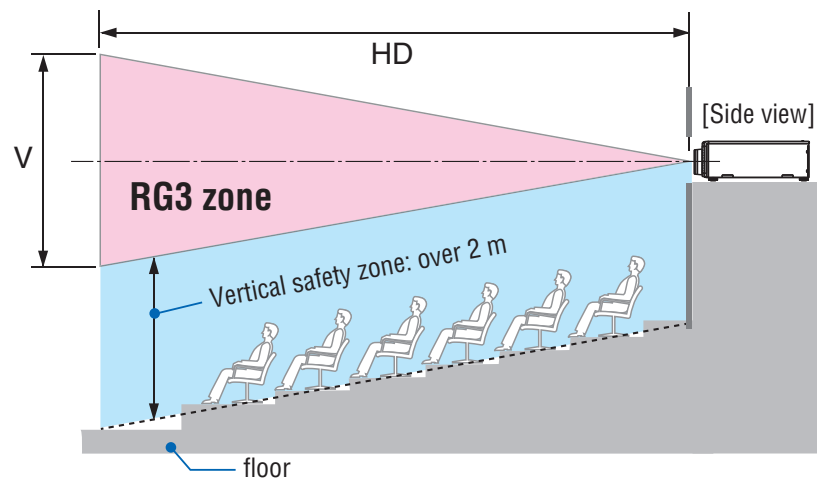
### **NC3240S-A with 7 kW power supply unit**

Lens		RG3 HD (m)	Max. HD area size (m)	
			H	V
NC-50LS12Z	Wide	1.1	1.03	0.54
	Tele	1.6	1.03	0.54
NC-50LS14Z	Wide	1.1	0.94	0.49
	Tele	1.8	1.01	0.53
NC-50LS16Z	Wide	1.4	1.02	0.54
	Tele	2.7	1.29	0.68
NC-50LS18Z	Wide	1.5	0.98	0.52
	Tele	2.5	0.99	0.52
NC-50LS21Z	Wide	1.9	1.02	0.54
	Tele	3.2	1.02	0.54
L2K-30ZM	Wide	2.5	1.00	0.53
	Tele	3.7	1.00	0.53

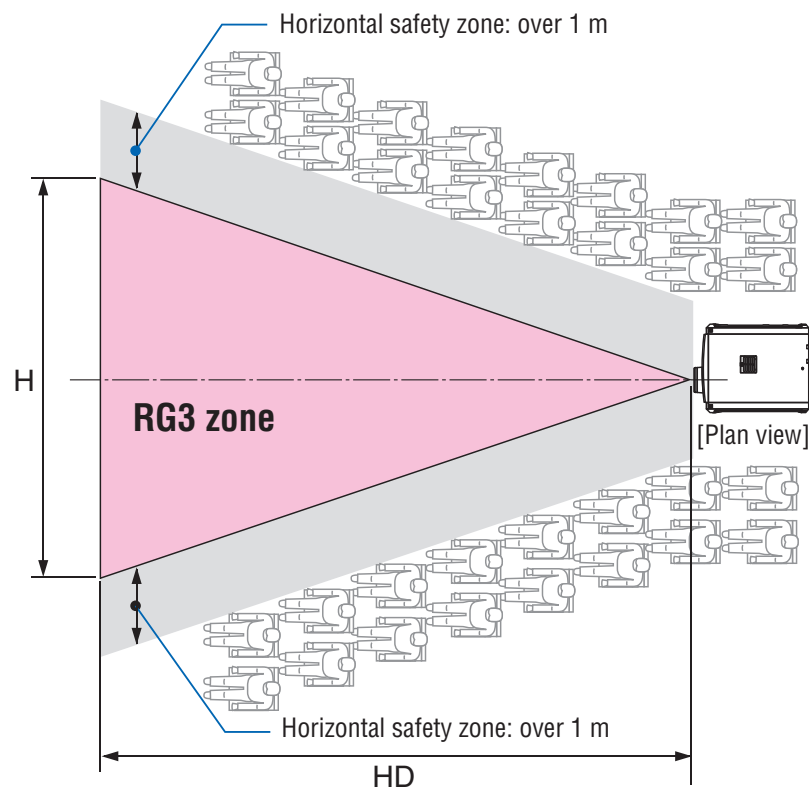
### **NC3240S-A with 4 kW power supply unit**

Lens		RG3 HD (m)	Max. HD area size (m)	
			H	V
NC-50LS12Z	Wide	0.7	0.68	0.36
	Tele	1.0	0.68	0.36
NC-50LS14Z	Wide	0.7	0.62	0.33
	Tele	1.1	0.67	0.35
NC-50LS16Z	Wide	0.9	0.68	0.36
	Tele	1.3	0.68	0.36
NC-50LS18Z	Wide	0.9	0.65	0.34
	Tele	1.6	0.66	0.35
NC-50LS21Z	Wide	1.2	0.68	0.36
	Tele	2.0	0.68	0.36
L2K-30ZM	Wide	1.6	0.66	0.35
	Tele	2.3	0.66	0.35

## When installed the projector over head:



## When installed the projector on a floor or a desktop:



\* If lens shift is utilized, please consider the shift of projected image according to the volume of lens shift.

**NEC**