

DLP Cinema® Projector

NC2000C/NC1200C

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.

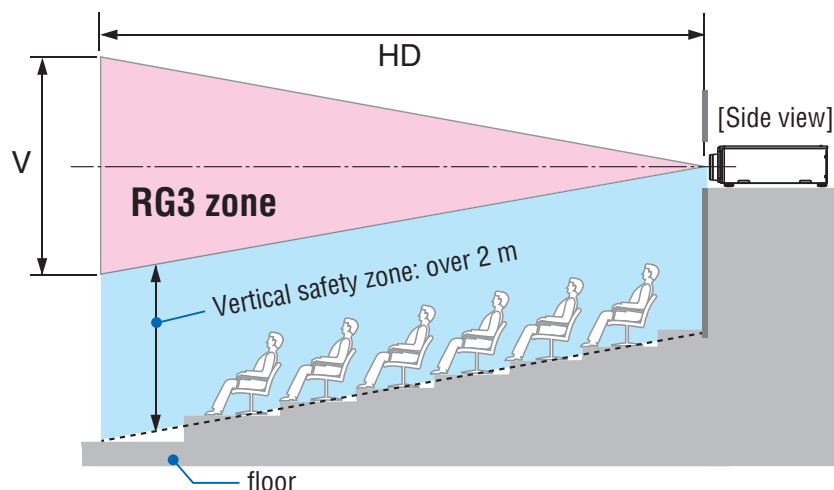
NC2000C

Lens		RG3 HD (m)	Max. HD area size (m)	
			H	V
NC-60LS12Z	Wide	0.6	0.61	0.32
	Tele	1.2	0.70	0.37
NC-60LS14Z	Wide	0.9	0.71	0.37
	Tele	1.4	0.72	0.38
NC-60LS16Z	Wide	1.0	0.68	0.36
	Tele	1.8	0.75	0.40
NC-60LS19Z	Wide	1.3	0.59	0.31
	Tele	2.2	0.63	0.33
NC-60LS24Z	Wide	1.6	0.62	0.33
	Tele	2.7	0.64	0.34
NC-60LS39Z	Wide	2.7	0.65	0.34
	Tele	4.6	0.68	0.36

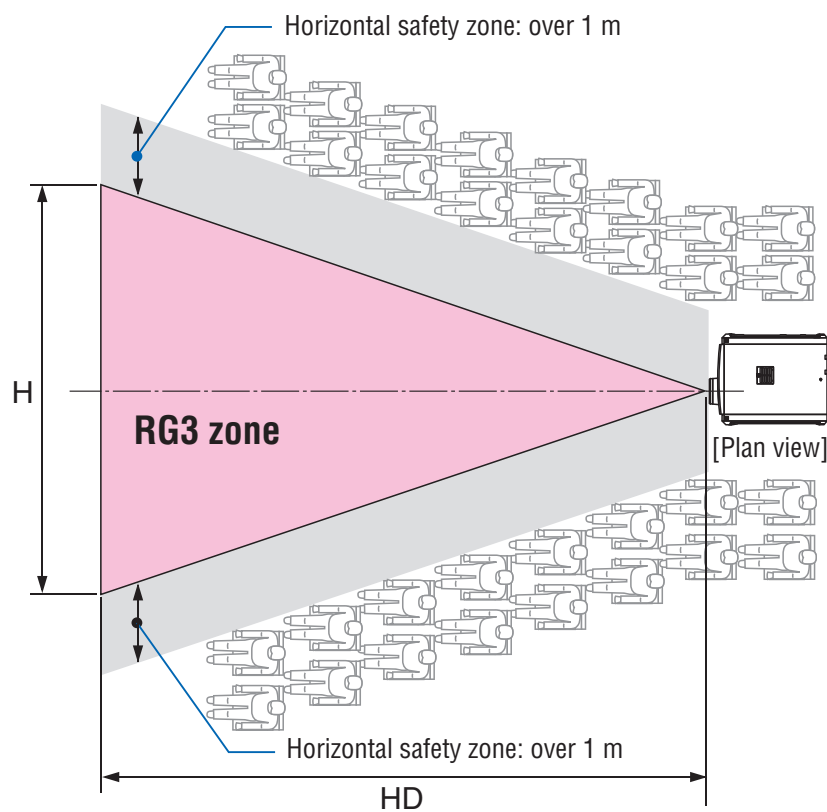
NC1200C

Lens		RG3 HD (m)	Max. HD area size (m)	
			H	V
NC-60LS12Z	Wide	0.3	0.35	0.19
	Tele	0.7	0.41	0.22
NC-60LS14Z	Wide	0.5	0.41	0.22
	Tele	0.8	0.42	0.22
NC-60LS16Z	Wide	0.5	0.40	0.21
	Tele	1.0	0.44	0.23
NC-60LS19Z	Wide	0.7	0.29	0.15
	Tele	1.2	0.32	0.17
NC-60LS24Z	Wide	0.9	0.31	0.17
	Tele	1.5	0.33	0.18
NC-60LS39Z	Wide	1.5	0.34	0.18
	Tele	2.6	0.37	0.19

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.

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