

DLP Cinema® Projector

NC3200S

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.

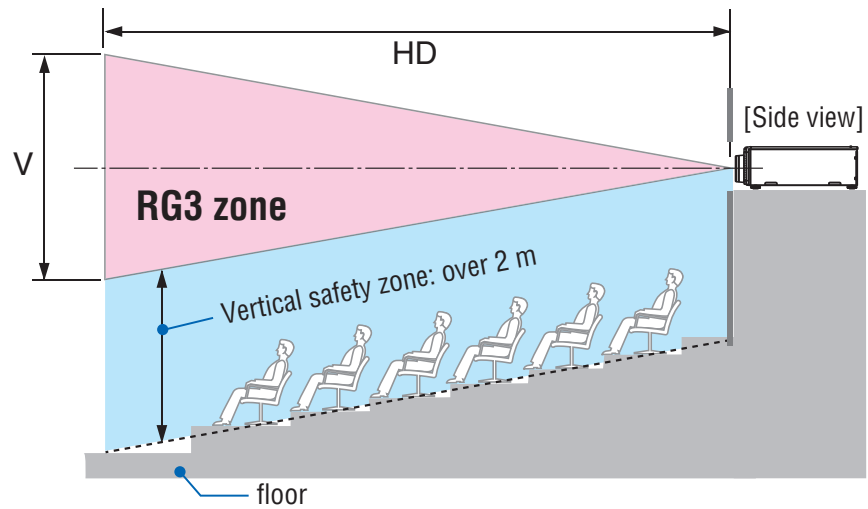
NC3200S with 7 kW power supply unit

Lens		RG3 HD (m)	Max. HD area size (m)	
			H	V
NC-50LS12Z	Wide	1.3	1.14	0.60
	Tele	2.0	1.13	0.60
NC-50LS14Z	Wide	1.4	1.04	0.55
	Tele	2.2	1.11	0.59
NC-50LS16Z	Wide	1.7	1.13	0.60
	Tele	2.6	1.14	0.60
NC-50LS18Z	Wide	1.8	1.09	0.57
	Tele	3.1	1.10	0.58
NC-50LS21Z	Wide	2.3	1.13	0.60
	Tele	3.9	1.13	0.60
L2K-30ZM	Wide	3.1	1.11	0.58
	Tele	4.6	1.11	0.59

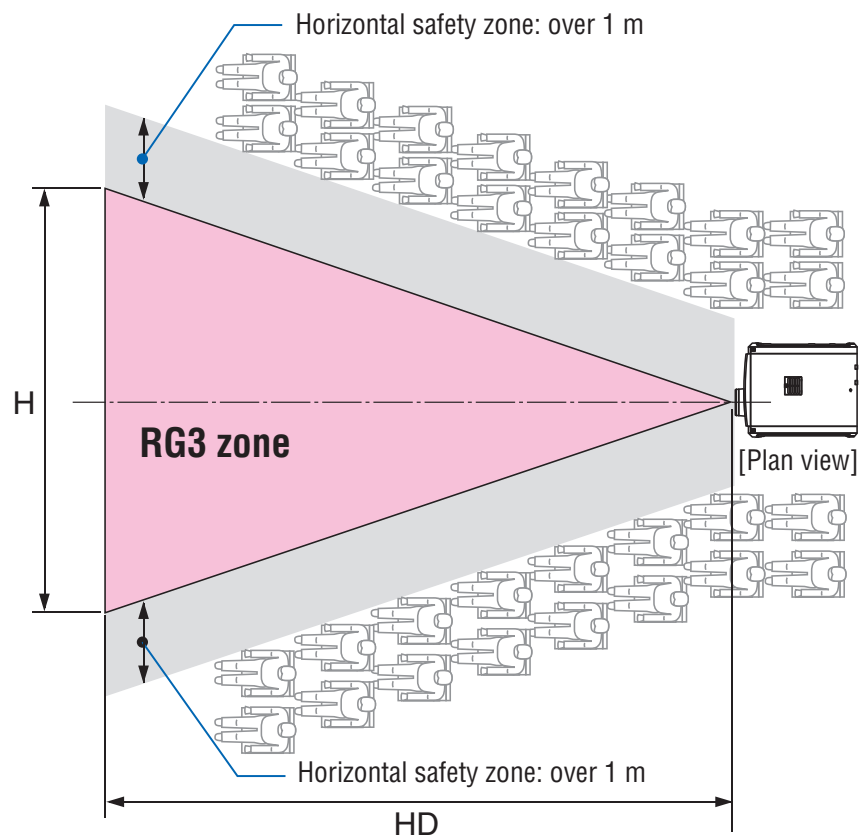
NC3200S with 4 kW power supply unit

Lens		RG3 HD (m)	Max. HD area size (m)	
			H	V
NC-50LS12Z	Wide	0.8	0.76	0.40
	Tele	1.3	0.75	0.40
NC-50LS14Z	Wide	0.9	0.69	0.36
	Tele	1.4	0.74	0.39
NC-50LS16Z	Wide	1.1	0.75	0.39
	Tele	1.6	0.75	0.40
NC-50LS18Z	Wide	1.2	0.72	0.38
	Tele	2.0	0.73	0.38
NC-50LS21Z	Wide	1.5	0.75	0.40
	Tele	2.5	0.75	0.39
L2K-30ZM	Wide	2.0	0.73	0.39
	Tele	2.9	0.74	0.39

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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