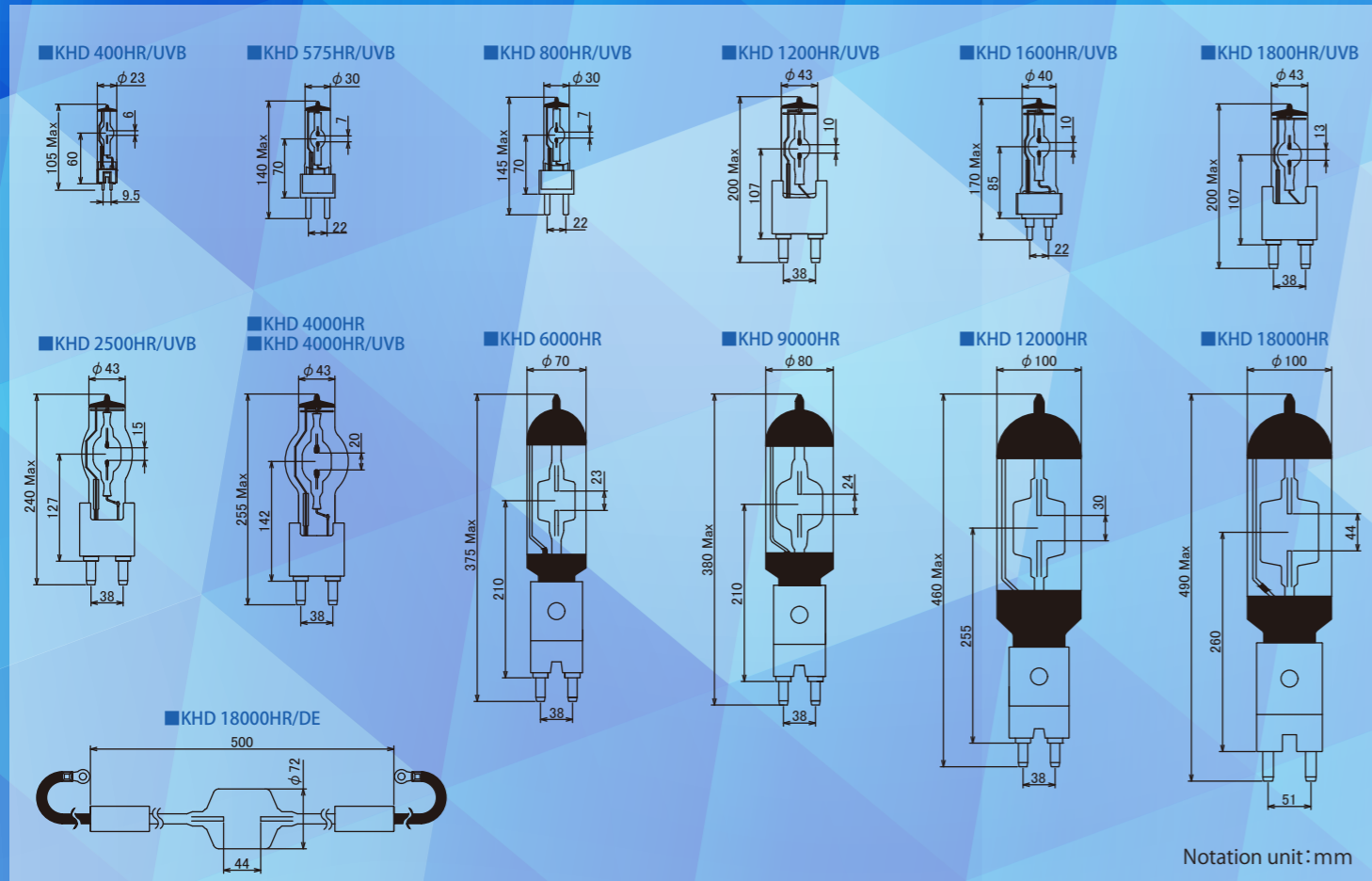


■ Dimensions



Kahoku High-intensity Discharge Lamp KHD Series for Entertainment

■ Product Specification

Type	Lamp Wattage	Cap/Base	Lumen Output	Efficacy Source	Color Temp	Average Life	CRI	Lamp Current	Mercury
	W		lm	lm/W	K	h	Ra	A	
KHD 400HR/UVB	400	GZZ9.5	33000	83	6000	750	≥90	6.9	contain
KHD 575HR/UVB	575	G22	49000	85	6000	1000	≥90	7	contain
KHD 800HR/UVB	800	G22	65000	81	6000	1000	≥95	8.4	contain
KHD 1200HR/UVB	1200	G38	110000	92	6000	1000	≥95	13.8	contain
KHD 1600HR/UVB	1600	G22	150000	94	6000	750	≥95	10.7	contain
KHD 1800HR/UVB	1800	G38	165000	92	6000	750	≥95	14.6	contain
KHD 2500HR/UVB	2500	G38	240000	96	6000	500	≥95	25.6	contain
KHD 4000HR/UVB	4000	G38	380000	95	6000	500	≥95	24	contain
KHD 4000HR	4000	G38	380000	95	6000	500	≥95	24	contain
KHD 6000HR	6000	GY38	570000	95	6000	300	≥95	55	contain
KHD 9000HR	9000	GY38	875000	97	6000	400	>95	56	contain
KHD 12000HR	12000	GY38	1200000	100	6000	300	≥95	84	contain
KHD 18000HR	18000	GY51	1650000	92	6000	300	≥95	88	contain
KHD 18000HR/DE	18000	S30	1650000	92	6000	300	≥90	88	contain

【Contact】

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Sales Office
Nakacho Center Building, 2-23-2 Nakacho, Omiya-ku,
Saitama-shi, Saitama-ken 330-0845 Japan
TEL : +81-48-648-8379 / FAX : +81-48-648-8389
URL : <http://www.kls-co.com/eng/> / Mail : sales@kls-co.com

【Where to Buy】



BLC America
9591 Irvine Center Drive
Irvine, CA 92618 USA
Phone: +1 (714) 889-4128

■ Please note that the specifications and appearance are subject to change without notice due to product improvements.
■ The contents of this catalog are current as of February 2024.

Kahoku Lighting Solutions Corporation

Best-in-class light source for Cinema and Television

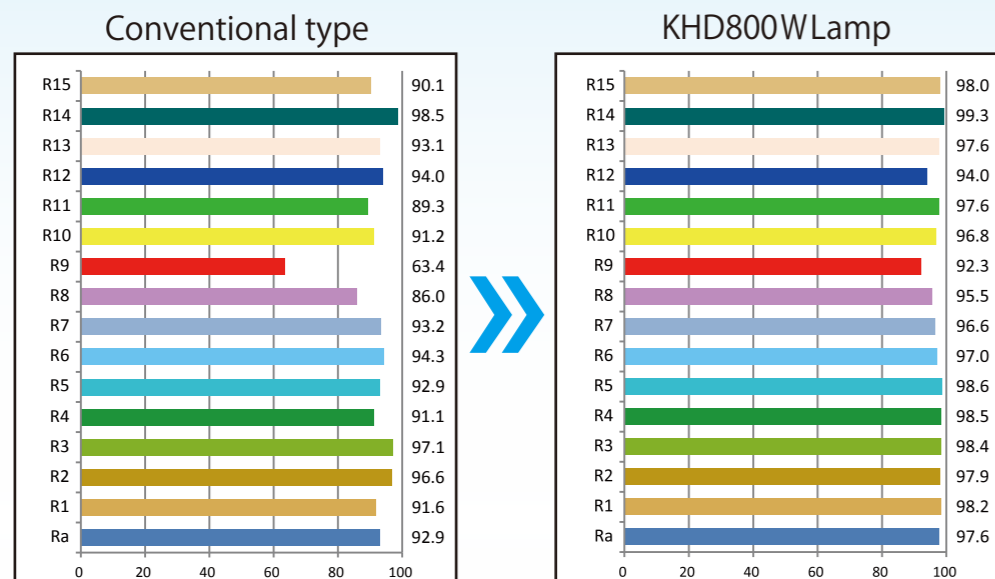
KHD metal halide lamp series are crafted with a focus on "excellent color rendering," "stable color temperature," and "reliable quality".

Product Features

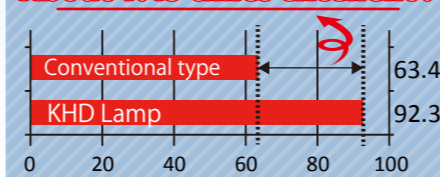
01 Excellent Color Rendering

Our unique chemistry is successful in enhancing Red (R9) color content, critical for accurate color rendering of the actors' skin tone and set design.

【Comparison with conventional products】



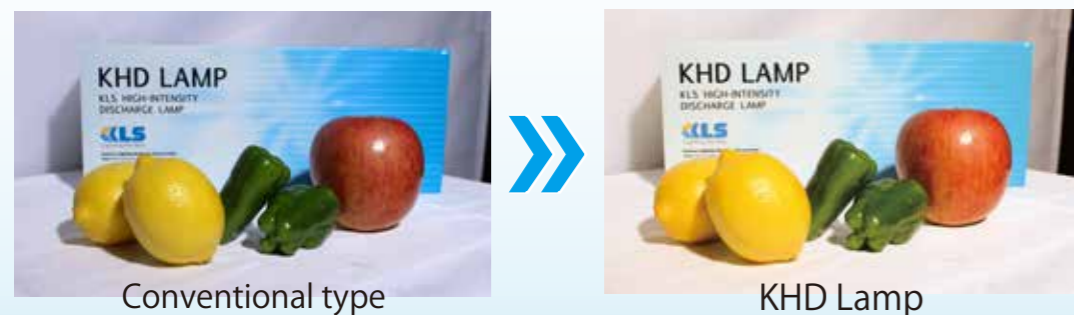
About 1.45 times excellent!



Compared to standard products, KHD enhanced lamps increase red (R9) values by 1.45 times, making objects appear more vivid.

02 Bright Daylight (white)

The KHD lamp reproduces a bright white daylight color while minimizing color shift over the life of the lamp.



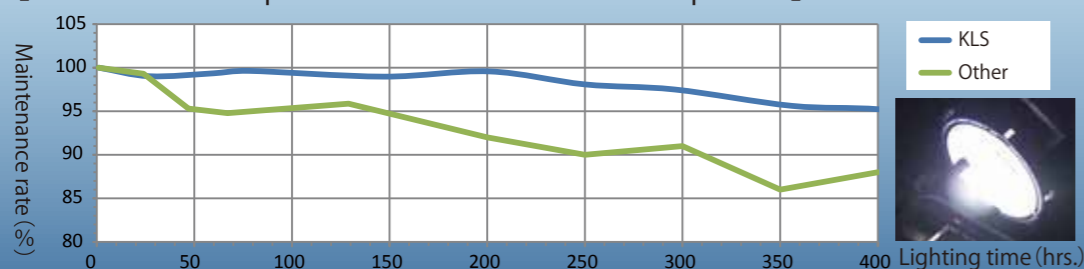
Bright white light!

White light emission with little bluish! You can bring out the original color of the object!

03 Stable Color Temperature

KHD lamps have a unique chemical composition that maintains accurate color temperature until the end of life.

【9000W Color temperature maintenance rate comparison】*Measured with SEKONIC C-700



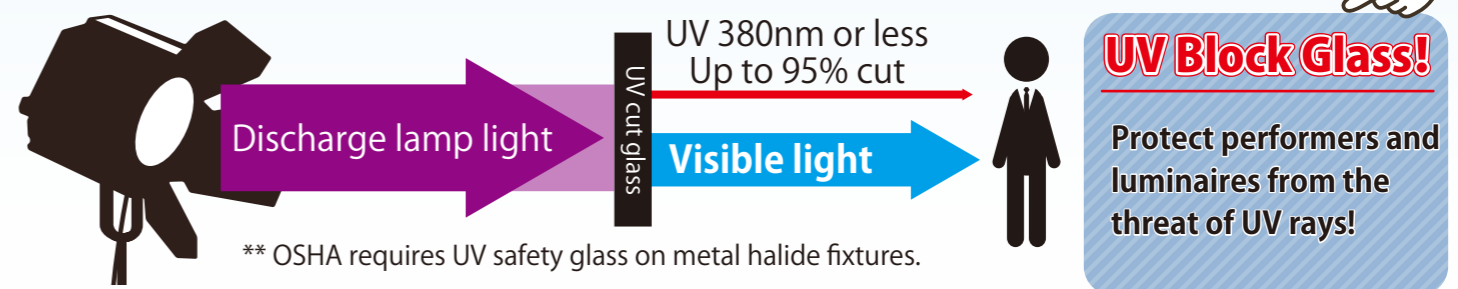
Color retention rate of 95%!

Minimal color temperature shift over the entire lamp life!



04 Protect from UV rays *Select models

The KHD lamp uses UV block glass. The feature is to reduce the emission of ultraviolet rays (UV380nm or less) that may cause health hazards (up to 95% cut).



05 Unique Sealing Technology

The KHD lamp is designed to assume a harsh operating environment, with a seal temperature tolerance up to 500° C (11% higher than competing products). This prevents cases where the trapped heat generated by the lamp results in shortened lamp life.

【Lamp heat resistance test per burning position】



High temperature heat resistant design!

Unique sealing technology demonstrates heat resistance and achieves reliable life assuming lighting environment!

06 QUALITY Made in Japan

Listening to the voices of our customers is especially important. We have earned the trust of lighting professionals in Japan and around the world. Centralized cohesion of design, development, manufacturing, and quality assurance is all done in-house to bring you the best products with valued service.

