



IWASAKI

Truer colour through **quality** light

Ceramic Metal Halide Lamps

EYE CERA ARC™

2500K

From making food appear at its freshest and vibrant best,
to highlighting the details and colours of clothing,
a premium-feel lighting display requires a premium-quality light source.



THE SDX EFFECT IN A CERAMIC METAL HALIDE LAMP

PURE COLOURS

DISTINCTIVE 2500K

LONG LIFE

HIGH EFFICIENCY

UV BLOCK COATING

NO NEED FOR COVER GLASS



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2500K



Note: A visual image

A warm, welcoming light:

The calm of the late afternoon sun, bringing with it images of a relaxing and pleasant evening ahead – this is the ambiance created by the EYE CERA ARC 2500K lamp. Its warm, welcoming light makes the EYE CERA ARC 2500K lamp perfect for applications and settings that require a softer light with a premium accent – such as hotel lobbies, or commercial and retail applications.

Features:

1. The SDX effect in a Ceramic Metal Halide lamp

- Fits in existing EYE SDX luminaries.
- No need for special gear. Compact unit with EYE electronic ballast.
- Universal burning position.

2. Pure colours:

- Outstanding colour rendering; Ra93 (Gp:1A)

3. Distinctive 2500K:

- Warm accent created by ceramic technology is virtually identical to incandescent lighting.

4. Long life:

- At 12000hrs, CERA ARC 2500K offers twice the average lifetime of existing EYE SDX (70W) installations, leading to savings on maintenance costs, reductions in waste, and reduced environmental impact.

5. High efficiency:

- Twice the lumen output of a conventional EYE SDX (70W) installation, offering significant energy savings.

6. UV Block coating:

- With its UV block coating on the outer bulb, the UV output of the lamps is dramatically reduced. It prevents discolouration and fading on illuminated items.

7. No need for cover glass:

- In the rare event of an arc tube rupture at the end of the product's lamp life, the protective shroud around the arc tube ensures that the damage is contained within, with no effect on the outer bulb.

Rated Lamp Wattage (W)	Bulb Finish	Burning Position	Product Description	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (lm)	Colour Temperature (K)	Colour Rendering (Ra)	Lifetime (hrs)	Efficiency (lm/W)	Bulb Type			Cap
											dia (mm)	MOL (mm)	LCL (mm)	
TP: Tubular protected E27 screw base														
70	Clear	Universal	CMT70/LW925-E27	85	0.86	5500	2500	93	20000	75	T30	130	89	E27
	Diffuse		CMT70F/LW925-E27	85	0.86	5300				73				
150	Clear		CMT150/LW925-E27	90	1.67	11000				73				
	Diffuse		CMT150F/LW925-E27	90	1.67	10500				70				
T: G12 base														
70	Clear	Universal	CMT70/LW925/G12	85	0.86	6000	2500	93	20000	82	T20	103	56	G12
PAR36: E27 screw base														
70	Clear	Universal	CM70P36S/LW925	85	0.86	4700	2500	93	12000	64	110	102	—	E27
	Diffuse		CM70P36F/LW925	85	0.86	4500				62				
150	Clear		CM150P36S/LW925	90	1.67	9600				64				
	Diffuse		CM150P36F/LW925	90	1.67	9300				62				

EYE electronic ballast for

Ceramic Metal Halide Lamps

EYE CERA ARC™

70W/35W



Iwasaki range of electronic HID ballasts are designed to allow optimal performance of our CERA ARC lamps, offering reduced power consumption, regulated power through life, simplified circuitry and more stable lamp operation compared to conventional magnetic ballasts system.

Advantages

- Good regulation against supply voltage variation
- Improved lamp colour consistency
- Elimination of lamp flicker
- Reduced weight of control gear
- Reduced electrical power losses
- Ballast noise reduced/eliminated
- Single piece compact unit
- Reduced wiring complexity in the luminaire
- Automatic lamp failure shut-down

Safety

- EN61347-1 EN61347-2-12
- RoHS compliant (Reduction in Hazardous Substances)

Application

- Minimum starting temperature:-20°C
- Maximum ambient temperature:55°C(integral)
- Maximum case temperature:85°C

Normal Lamp Wattage (W)	Rated Lamp Wattage (W)	Product Code	Input Voltage (V)	Input Wattage (W)	Input Current (A)	Input Power Factor
70	73	GA0.7ESH2.2/2.4-1	220-240	81	0.36	0.95
35	39	GA0.35ESH2.2/2.4-1		44	0.19	



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