

EYE Cera Arc

EYE Twin Cera Arc

EYE Cera Arc Pro



EYE Twin Cera Arc

FEATURES

- ▶ 1/3 re-strike time compared to EYE Cera Arc Ace Pro. Ideal for applications frequently switched on/off
- ▶ Ideal for hard-to-reach installations such as parks, industrial facilities and sports facilities
- ▶ UV-cut coating reduces the number of insects attracted towards the light
- ▶ 5-minute start up time – ideal for applications frequently switched on/off
- ▶ Over 40% reduction in energy consumption with brightness equal to a 400W metal halide lamp achieved with only 230W
- ▶ Shrouded arc tube design ensures the lamps are safe for use in open fixtures
- ▶ Industry-leading lamp life of 50,000 hours

APPLICATIONS

- ▶ Parks and public spaces
- ▶ Warehouses, factories and sports halls

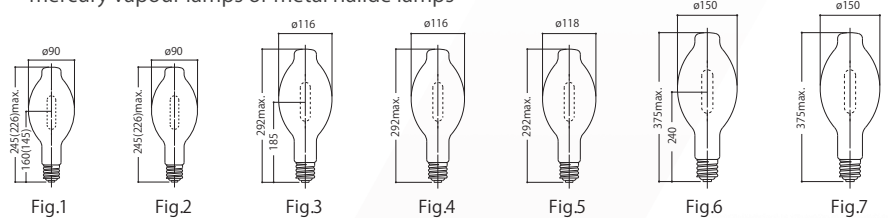
EYE Cera Arc Pro

FEATURES

- ▶ High colour rendering: Ra85/80
- ▶ White light: 4,100K
- ▶ Shrouded for protection from inside
- ▶ Outstanding luminous efficacy: up to 125 lm/W
- ▶ Reliable long life: up to 24,000 hours at 75% lumen maintenance

APPLICATIONS

- ▶ Road lighting, street lighting, residential, historical sites, retail and any existing applications currently using high pressure sodium lamps or mercury vapour lamps
- ▶ High bay applications of sports facilities (gymnasiums, halls, etc.), warehouses, industrial plants, large scale commercial facilities and any existing applications currently using mercury vapour lamps or metal halide lamps



Specifications and Characteristics

Type	Watts (W)	Bulb	Base	Bulb Finish	Std. Pkg. Qty.	Colour Temp. (K)	Lamp		Initial Lumens (lm)	Ra	Rated Av. Life (hrs)	Burning Position	Fig. No.	Ref.*
							Voltage (V)	Current (A)						
EYE Twin Cera Arc														
CM230FTW-W/BUD	230	BT118	E40	Diffused	6	4,100	130	2.13	25,900	80	50,000	BU/BD±15°	5	1
CM360FTW-W/BUD	375	BT118	E40	Diffused	6	4,100	135	3.25	40,000	80	50,000	BU/BD±30°	5	1
EYE Cera Arc Pro - BT Protected - E40 screw base / with UV-cut coating														
CM230/PRO/BUD	235	BT90	E40	Clear	12	4,100	130	2.13	27,900	80	24,000	BU/BD±15°	1	2
CM230F/PRO/BUD	235	BT90	E40	Diffused	12	4,100	130	2.13	25,900	80	24,000	BU/BD±45°	2	2
CM360/PRO/BUD	375	BT116	E40	Clear	12	4,100	135	3.25	47,000	80	24,000	BU/BD±45°	3	2
CM360F/PRO/BUD	375	BT116	E40	Diffused	12	4,100	135	3.25	45,300	80	24,000	BU/BD±45°	4	2
CM660/PRO/BUD	660	BT150	E40	Clear	6	4,100	140	5.40	75,000	85	20,000	BU±15°	6	2
CM660F/PRO/BUD	660	BT150	E40	Diffused	6	4,100	140	5.40	71,300	85	20,000	BU±15°	7	2
EYE FEC Cera Arc Ace Pro - BT Protected - E40 screw base / with UV-cut coating														
CM230LS/PRO/BUD	235	BT90	E40	Clear	12	4,100	130	2.13	27,900	80	24,000	BU/BD±45°	1	3
CM230FLS/PRO/BUD	235	BT90	E40	Diffused	12	4,100	130	2.13	25,900	80	24,000	BU/BD±45°	2	3
CM360LS/PRO/BUD	375	BT116	E40	Clear	12	4,100	135	3.25	47,000	80	24,000	BU/BD±45°	3	3
CM360FLS/PRO/BUD	375	BT116	E40	Diffused	12	4,100	135	3.25	45,300	80	24,000	BU/BD±45°	4	3
CM660LS/PRO/BUD	660	BT150	E40	Clear	6	4,100	140	5.40	75,000	85	20,000	BU±15°	6	3
CM660FLS/PRO/BUD	660	BT150	E40	Diffused	6	4,100	140	5.40	71,300	85	20,000	BU±15°	7	3

* Lamps marked "1" in the Ref. column should be operated on a reactor type ballast for MVL with ignitor (3.5 - 5.0kV pulse height is required).

* Lamps marked "2" in the Ref. column should be operated on a reactor type ballast for MVL with ignitor.

* Lamps marked "3" in the Ref. column should be operated on a reactor type ballast for MVL without ignitor.

EYE Cera Arc

EYE Cera Arc Ex



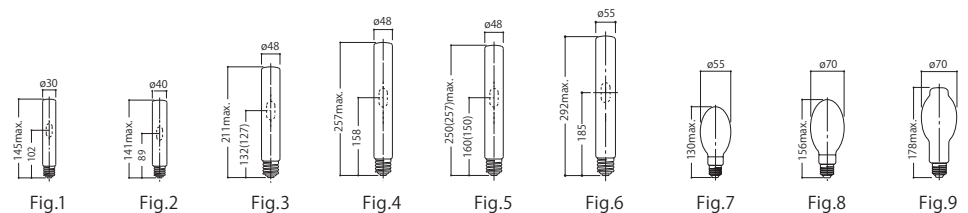
The EYE Cera Arc Ex offers numerous advantages in comparison to the low colour rendering "orange" light produced by conventional high pressure sodium (HPS) lamps. EYE Cera Arc Ex emits white light which improves the visibility of objects to the human eye. This means that improved levels of visibility can be achieved with the same wattage as other lamps.

FEATURES

- ▶ High colour rendering: Ra75
- ▶ White light: 3,500K
- ▶ Outstanding luminous efficacy: up to 132 ℓ m/W
- ▶ Reliable long life: up to 24,000 hours at 80/70% lumen maintenance

APPLICATIONS

- ▶ Road lighting, street lighting, residential, historical sites, retail and any applications that currently use high pressure sodium lamps or mercury vapour lamps



Specifications and Characteristics

Type	Watts (W)	Bulb	Base	Bulb Finish	Std. Pkg. Qty.	Colour Temp. (K)	Lamp		Initial Lumens (ℓ m)	Ra	Rated Av. Life (hrs)	Burning Position	Fig. No.	Ref.*
							Voltage (V)	Current (A)						
EYE Cera Arc Ex - T - E27, E40 screw base														
CMT50/EX/U	50	T30	E27	Clear	12	3,500	80	0.76	5,000	75	18,000	Any	1	1
CMT50/EX/U-I	50	T30	E27	Clear	12	3,500	80	0.76	5,000	75	18,000	Any	1	2
CMT70/EX/U	70	T30	E27	Clear	12	3,500	85	0.98	7,700	75	18,000	Any	1	1
CMT70/EX/U-I	70	T30	E27	Clear	12	3,500	85	0.98	7,700	75	18,000	Any	1	2
CMT100/EX/U-E27	100	T40	E27	Clear	12	3,500	95	1.20	11,500	75	18,000	Any	2	1
CMT100/EX/U	100	T48	E40	Clear	12	3,500	95	1.20	11,500	75	18,000	Any	3	1
CMT100/EX/U-I	100	T48	E40	Clear	12	3,500	95	1.20	11,500	75	18,000	Any	3	2
CMT150/EX/HOR-E27	150	T40	E27	Clear	12	3,500	100	1.80	17,300	75	24,000	BH \pm 45 $^\circ$	2	1
CMT150/EX/HOR*	150	T48	E40	Clear	12	3,500	100	1.80	17,300	75	24,000	BH \pm 45 $^\circ$	3	1
EYE FEC Cera Arc Ace Ex - E, BT, T - E27, E40 screw base														
CM45FLS/EX/HOR	45	E55	E27	Diffused	30	3,500	90	0.61	4,100	75	16,000	BH \pm 60 $^\circ$	7	3
CM45FLS/EX/BUD	45	E55	E27	Diffused	30	3,500	90	0.61	4,100	75	16,000	BU/BD \pm 30 $^\circ$	7	3
CM70FLS/EX/HOR	72	E70	E27	Diffused	24	3,500	105	0.80	7,700	75	20,000	BH \pm 60 $^\circ$	8	3
CM70FLS/EX/BUD	72	E70	E27	Diffused	24	3,500	105	0.80	7,700	75	20,000	BU/BD \pm 30 $^\circ$	8	3
CM115FLS/EX/HOR	115	BT70	E27	Diffused	24	3,500	115	1.15	13,800	75	24,000	BH \pm 45 $^\circ$	9	3
CM115FLS/EX/BUD	115	BT70	E27	Diffused	24	3,500	125	1.15	13,000	75	24,000	BU/BD \pm 45 $^\circ$	9	3
CM220FLS/EX/HOR*	230	T48	E40	Clear	12	3,500	130	2.13	27,700	75	24,000	BH \pm 45 $^\circ$	5	3
CMT360LS/EX/HOR*	375	T55	E40	Clear	12	3,500	135	3.25	45,000	75	24,000	BH \pm 45 $^\circ$	6	3
CMT660LS/EX2/HOR	660	T67	E40	Clear	6	4,100	140	5.40	65,000	80	20,000	BH \pm 60 $^\circ$	-	3

* With UV-cut coating

Lamps marked "1" in the Ref. column should be operated on a HPSL ballast with ignitor.

Lamps marked "2" in the Ref. column should be operated on a HPSL ballast without ignitor.

Lamps marked "3" in the Ref. column should be operated on a reactor type ballast for MVL without ignitor.

EYE IWASAKI

IWASAKI ELECTRIC CO., LTD.

Bakurocho-Daiichi Building, 1-4-16, Nihonbashi-Bakurocho,

Chuo-ku, Tokyo 103-0002, Japan

Tel: +81-3-5847-8630 Fax: +81-3-5847-8647

www.eye.co.jp

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