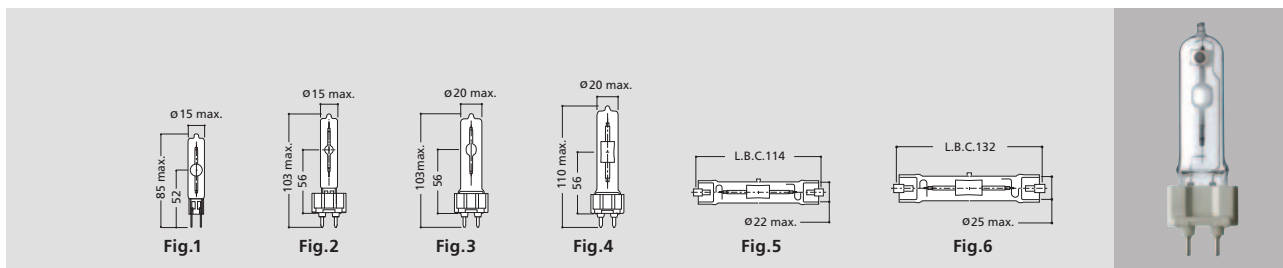


# EYE Cera Arc TC, T, TD



## PHYSICAL DATA 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)						
<b>EYE Cera Arc TC - G8.5 base</b>														
CMT35/LW/G8.5	39	T15	G8.5	Clear	24	3000	85	0.46	3300	83	9000	Any	1	ECG
CMT35/W/G8.5	39	T15	G8.5	Clear	24	4200	85	0.46	3300	90	6000	Any	1	ECG
CMT70/LW/SH/G8.5	70	T15	G8.5	Clear	24	3000	85	0.82	7200	90	12000	Any	1	ECG
CMT70/WW/SH/G8.5	70	T15	G8.5	Clear	24	3500	85	0.82	7400	90	12000	Any	1	ECG
CMT70/W/SH/G8.5	70	T15	G8.5	Clear	24	4200	85	0.82	7400	94	12000	Any	1	ECG
<b>EYE Cera Arc T - G12 base</b>														
CMT35/LW/G12	39	T15	G12	Clear	24	3000	85	0.46	3300	83	9000	Any	2	ECG
CMT35/W/G12	39	T15	G12	Clear	24	4200	85	0.46	3300	90	6000	Any	2	ECG
CMT70/LW/SH/G12	70	T20	G12	Clear	24	3000	85	0.82	7200	90	12000	Any	3	ECG
CMT70/WW/SH/G12	70	T20	G12	Clear	24	3500	85	0.82	7400	90	12000	Any	3	ECG
CMT70/W/SH/G12	70	T20	G12	Clear	24	4200	85	0.82	7400	94	12000	Any	3	ECG
CMT150/DW/G12	150	T20	G12	Clear	24	3200	90	1.67	15000	87	12000	Any	4	
CMT150/WW/G12	150	T20	G12	Clear	24	3500	90	1.67	14500	93	12000	Any	4	
CMT150/W/G12	150	T20	G12	Clear	24	4200	90	1.67	14500	93	12000	Any	4	
<b>EYE Cera Arc TD - Double ended</b>														
CMTD70/DW	70	T22	RX7s	Clear	24	3200	90	0.95	6500	90	9000	BH ± 45°	5	
CMTD70/WW	70	T22	RX7s	Clear	24	3500	90	0.95	6000	90	9000	BH ± 45°	5	
CMTD70/W	70	T22	RX7s	Clear	24	4300	90	0.95	6000	90	9000	BH ± 45°	5	
CMTD150/DW	150	T25	RX7s	Clear	24	3200	95	1.90	13500	90	12000	BH ± 45°	6	
CMTD150/WW	150	T25	RX7s	Clear	24	3500	95	1.90	13500	94	12000	BH ± 45°	6	
CMTD150/W	150	T25	RX7s	Clear	24	4300	95	1.90	13500	94	12000	BH ± 45°	6	

\* Lamps marked ECG in the Ref. column must be used with electronic ballasts manufactured by or approved by Iwasaki Electric to ensure correct operation.

High colour rendering ceramic metal halide lamp. The colour rendering index (Ra) is a measure of how accurately an artificial light source can render colour.

### Features

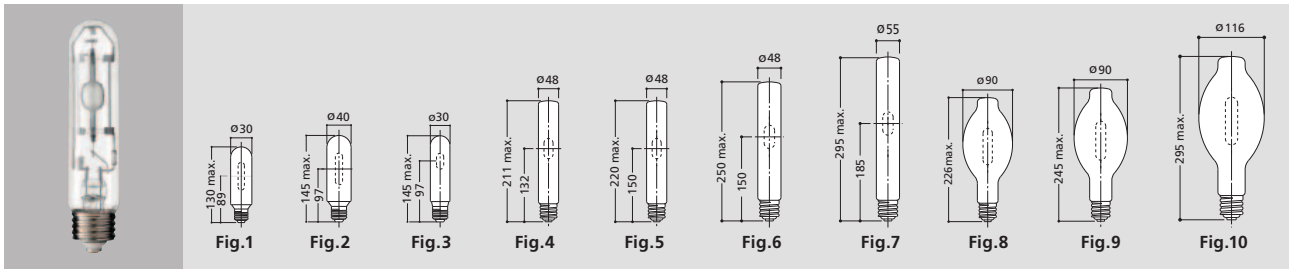
- Most of the EYE Cera Arc models including warm 3000K range colour temperature types have Ra ≥90, the highest level of colour rendering index.
- UV reduction coating on outer bulb prevents lit objects from fading and maintains high output with polycarbonate lenses.

### Notes:

Warning / Caution notices: page 35  
Operating Instruction: page 35



# EYE Cera Arc TP, T, BT, screw base



## PHYSICAL DATA 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)						
<b>EYE Cera Arc TP - Tubular Protected E27 screw base</b>														
CMT35/DW	39	T30	E27	Clear	12	3200	80	0.48	3150	83	9000	Any	1	ECG
CMT35F/DW	39	T30	E27	Frosted	12	3200	80	0.48	3000	83	9000	Any	1	ECG
CMT70/DW	70	T30	E27	Clear	12	3200	90	0.95	6000	90	9000	Any	1	
CMT70F/DW	70	T30	E27	Frosted	12	3200	90	0.95	5800	90	9000	Any	1	
CMT70/WW	70	T30	E27	Clear	12	3500	90	0.95	6000	90	9000	Any	1	
CMT70F/WW	70	T30	E27	Frosted	12	3500	90	0.95	5800	90	9000	Any	1	
CMT70/W	70	T30	E27	Clear	12	4300	90	0.95	6000	90	9000	Any	1	
CMT70F/W	70	T30	E27	Frosted	12	4300	90	0.95	5800	90	9000	Any	1	
CMT150/DW	150	T40	E27	Clear	12	3200	95	1.90	13500	90	9000	Any	2	
CMT150F/DW	150	T40	E27	Frosted	12	3200	95	1.90	13000	90	9000	Any	2	
CMT150/WW	150	T40	E27	Clear	12	3500	95	1.90	13500	95	9000	Any	2	
CMT150F/WW	150	T40	E27	Frosted	12	3500	95	1.90	13000	95	9000	Any	2	
CMT150/W	150	T40	E27	Clear	12	4300	95	1.90	13500	95	9000	Any	2	
CMT150F/W	150	T40	E27	Frosted	12	4300	95	1.90	13000	95	9000	Any	2	
<b>EYE Cera Arc High Efficacy and Dimmable TP - Tubular Protected E27 screw base</b>														
CMT150/DW/SH	150	T30	E27	Clear	12	3200	90	1.67	15000	90	15000	Any	3	ECG
CMT150F/DW/SH	150	T30	E27	Frosted	12	3200	90	1.67	14400	90	15000	Any	3	ECG
CMT150/WW/SH	150	T30	E27	Clear	12	3500	90	1.67	15000	92	15000	Any	3	ECG
CMT150F/WW/SH	150	T30	E27	Frosted	12	3500	90	1.67	14400	92	15000	Any	3	ECG
CMT150/W/SH	150	T30	E27	Clear	12	4300	90	1.67	15000	92	15000	Any	3	ECG
CMT150F/W/SH	150	T30	E27	Frosted	12	4300	90	1.67	14400	92	15000	Any	3	ECG
<b>EYE CERA ARC T/BT - Tubular/BT E40 operates on ballast for 150W high pressure sodium</b>														
CMT150/LW/HOR/E40	150	T48	E40	Clear	12	3000	100	1.80	16000	83	12000	BH±15°	4	
CMT150/W/HOR/E40	150	T48	E40	Clear	12	4100	100	1.80	15500	92	12000	BH±15°	4	
CMT150/WW/SH/HOR/E40	150	T48	E40	Clear	12	3500	100	1.80	17300	75	18000	BH±45°	4	
CM150F/WW/SH/HOR/E40	150	BT90	E40	Frosted	12	3500	100	1.80	16500	75	18000	BH±45°	8	
<b>EYE Cera Arc TP - Tubular Protected E40 screw base operates on Iwasaki electronic ballast</b>														
CMT250/W/BUD	250	T48	E40	Clear	12	4100	100	2.50	23800	90	12000	BU/BD ± 60°	5	ECG
CMT400/W/BUD	400	T48	E40	Clear	12	4100	100	4.00	38000	90	12000	BU/BD ± 60°	6	ECG
<b>EYE Cera Arc T - Tubular E40 screw base operates on Iwasaki electronic ballast</b>														
CMT400/W/HOR	400	T55	E40	Clear	12	4100	100	4.00	38000	90	12000	BH±30°	7	ECG
<b>EYE Cera Arc BT- BT Protected E40 screw base operates on Iwasaki electronic ballast</b>														
CM250F/W/BUD	250	BT90	E40	Coated	12	4100	100	2.50	22500	90	12000	BU/BD ± 60°	9	ECG
CM400F/W/BUD	400	BT116	E40	Coated	12	4100	100	4.00	36000	90	12000	BU/BD ± 60°	10	ECG

\* Lamps marked ECG in the Ref. column must be used with electronic ballasts manufactured by or approved by Iwasaki Electric to ensure correct operation.

Screw base, high colour rendering ceramic metal halide lamp. TP; Tubular "Protected" bulb with E27 type fits a wide variety of applications such as façade lighting, wall wash lighting, and display lighting. The protected lamps can be used without glass cover.

### Features

- Ideal for downlights and pendant luminaires, which do not require glass cover, thus is low cost and high in performance.
- Clear and frosted bulbs are available.
- UV reduction coating on outer bulb prevents lit objects from fading and maintains high output with polycarbonate lenses.
- 250W & 400W have a stunning 85% lumen maintenance and make it possible to reduce up to 50% energy consumption, supporting CO2 reduction.

### Notes:

Warning / Caution notices: page 35, Operating Instruction: page 35

# EYE Cera Arc PAR20, PAR36

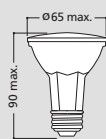


Fig.1

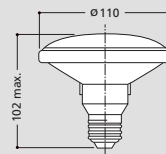


Fig.2



## PHYSICAL DATA AND CHARACTERISTICS

Type	Watts (W)	Base	Std. Pkg. Qty.	Colour Temp.(K) or Colour	Lamp		Beam Angle (°)	Max.Light Intensity (cd)	Ra	Rated Av. Life (hrs)	Burning Position	Fig. No.	Ref.*
					Voltage (V)	Current (A)							
<b>EYE Cera Arc PAR20 - E27 screw base</b>													
CM35P20S/LW	39	E27	12	3000	85	0.46	10	23000	90	9000	Any	1	ECG
CM35P20F/LW	39	E27	12	3000	85	0.46	23	7500	90	9000	Any	1	ECG
<b>EYE Cera Arc PAR36 - E27 screw base</b>													
CM70P36S/DW	70	E27	10	3200	90	0.95	27	10000	90	9000	Any	2	
CM70P36F/DW	70	E27	10	3200	90	0.95	70 x 75	2200	90	9000	Any	2	
CM70P36S/WW	70	E27	10	3500	90	0.95	27	10000	90	9000	Any	2	
CM70P36F/WW	70	E27	10	3500	90	0.95	70 x 75	2200	90	9000	Any	2	
CM70P36S/W	70	E27	10	4300	90	0.95	27	10000	90	9000	Any	2	
CM70P36F/W	70	E27	10	4300	90	0.95	70 x 75	2200	90	9000	Any	2	
CM70P36S/P	70	E27	10	PINK	85	0.82	27	1800	—	9000	Any	2	
CM70P36F/P	70	E27	10	PINK	85	0.82	50	5200	—	9000	Any	2	
CM150P36S/DW	150	E27	10	3200	95	1.90	32	16000	93	9000	Any	2	
CM150P36F/DW	150	E27	10	3200	95	1.90	70	5500	93	9000	Any	2	
CM150P36S/WW	150	E27	10	3500	95	1.90	32	16000	95	9000	Any	2	
CM150P36F/WW	150	E27	10	3500	95	1.90	70	5500	95	9000	Any	2	
CM150P36S/W	150	E27	10	4300	95	1.90	32	16000	95	9000	Any	2	
CM150P36F/W	150	E27	10	4300	95	1.90	70	5500	95	9000	Any	2	
CM150P36S/P	150	E27	10	PINK	95	1.90	35	9000	—	9000	Any	2	
CM150P36F/P	150	E27	10	PINK	95	1.90	70	3800	—	9000	Any	2	

\* Lamps marked ECG in the Ref. column must be used with electronic ballasts manufactured by or approved by Iwasaki Electric to ensure correct operation.

PAR type bulb with E27 screw base ceramic metal halide lamp.  
Various wattages and colour temperature types are available in PAR range.

### Features

- Wide and spot beam types available.
- "Pink" type uses dichroic mirror instead of aluminium coated mirror to produce translucent pinkish colour ideal for food lighting and display lighting applications. Please find details of other available PAR36 colours on the 2800K and Natural Red pages.
- UV reduction coating on outer bulb prevents lit objects from fading and maintains high output with polycarbonate lenses.

### Notes:

Warning / Caution notices: page 35  
Operating Instruction: page 35

