

CERA ARC®



Ceramic Metal Halide G8.5/G12/Med. Base

A solution to create vibrant displays

High CRI - Up to 95

- Objects look as though they are illuminated with natural sunlight.

Excellent Red Color Rendering

- The high red color rendering adds warmth and life to produce and flowers while clothing and jewelry appear luxurious and elegant.
- EYE CERA ARC® Natural Red™ has excellent red color rendering and can reproduce the redness that is more natural compared with Neodymium lamps.

2800K, 3500K and 5500K Color Temperatures

- Unique color temperatures to meet specific requirements.
- Warm 2800K, natural 3500K and crisp 5500K complement EYE CERA ARC®.

Energy Efficient

- Lamp efficacy up to 110 LPW.
- Energy saving alternative to halogen/incandescent.

Dramatic Reduction of UV-A Radiation

- Special UV-Cut coating on the bulb blocks 90% of UV-A radiation, reducing material discoloration.



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Watts (W)	Bulb	Base	Product Code	Product Description	ANSI Code/ Ballast Type*	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI	Fixture Req.	Burn Pos.
Single-Ended G8.5/G12 Base (Enclosed Fixtures)													
39	T4.5 Clear	G8.5	56322	CMT35/U/830/G8.5	M/C130	24	3300	2640	12000	3000	83	E	U
39	T4.5 Clear	G8.5	55128	CMT35/U/942/G8.5	M/C130	24	3300	2640	12000	4200	90	E	U
39	T4.5 Clear	G12	56326	CMT35/U/830/G12	M/C130	24	3300	2640	12000	3000	83	E	U
39	T4.5 Clear	G12	55131	CMT35/U/942/G12	M/C130	24	3300	2640	12000	4200	90	E	U
70	T4.5 Clear	G8.5	55134	CMT70/U/930/G8.5	M/C139	24	7500	6375	15000	3000	90	E	U
70	T6 Clear	G12	55137	CMT70/U/930/G12	M/C139	24	7500	6375	15000	3000	90	E	U
70	T6 Clear	G12	55141	CMT70/U/935/G12	M/C139	24	7700	6545	15000	3500	90	E	U
70	T6 Clear	G12	55147	CMT70/U/942/G12	M/C139	24	7700	6375	15000	4200	94	E	U
150	T6 Clear	G12	56371	CMT150/U/832/G12	M142	24	15000	11250	12000	3200	87	E	U
150	T6 Clear	G12	56378	CMT150/U/935/G12	M142	24	14500	10875	12000	3500	93	E	U
150	T6 Clear	G12	56385	CMT150/U/942/G12	M142	24	14500	10875	12000	4200	93	E	U
Tubular Medium Base (Open or Enclosed Fixtures)													
70	T9.5 Clear	MED	56392	CMT70/U/932/MED	M/C139	12	6000	4500	12000	3200	90	O	U
70	T9.5 Frosted	MED	56399	CMT70/U/932/MED	M/C139	12	5800	4350	12000	3200	90	O	U
70	T9.5 Clear	MED	56420	CMT70/U/943/MED	M/C139	12	6000	4500	12000	4300	90	O	U
70	T9.5 Frosted	MED	56427	CMT70/U/943/MED	M/C139	12	5800	4350	12000	4300	90	O	U
150	T13 Clear	MED	56462	CMT150/U/943/MED	M102/ M142	12	13500	10125	12000	4300	95	E	U
150	T13 Frosted	MED	56469	CMT150/U/943/MED	M102/ M142	12	13000	9750	12000	4300	95	E	U
EYE CERA ARC® Natural Red™													
39	T4.5 Clear	G12	56423	CMT35/U/NR936/G12	M/C130	24	3150	2520	12000	3600	90	E	U
70	T6 Clear	G12	55144	CMT70/U/NR936/G12	M/C139	24	6600	5610	12000	3600	92	E	U
70	T9.5 Clear	MED	55177	CMT70/U/NR936/MED	M/C139	12	5100	3825	9000	3600	92	O	U
70	T9.5 Frosted	MED	55181	CMT70/U/NR936/MED	M/C139	12	4900	3675	9000	3600	92	O	U
150	T6 Clear	G12	55193	CMT150/U/NR936/G12	M/C142	24	12000	9000	12000	3600	90	E	U
150	T13 Clear	MED	55185	CMT150/U/NR936/MED	M102/ M142	12	11500	8625	12000	3600	92	E	U
150	T13 Frosted	MED	55189	CMT150/U/NR936/MED	M102/ M142	12	11000	8250	12000	3600	92	E	U

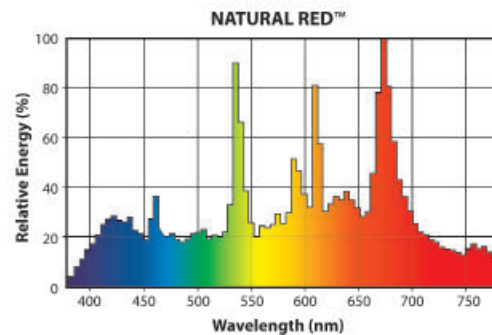
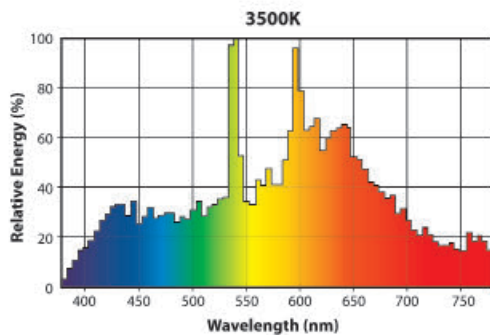
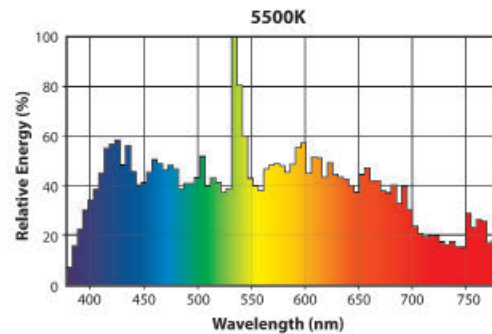
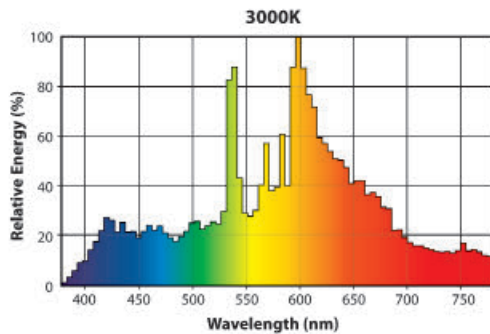
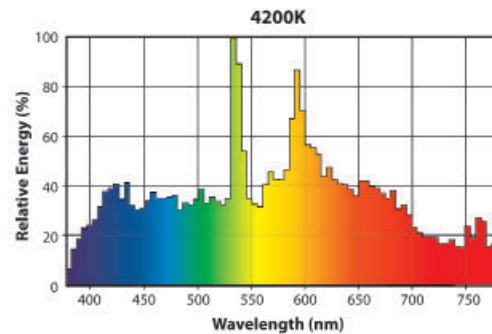
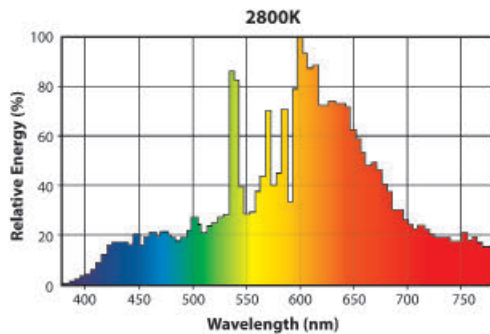
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EYE CERA ARC® 2800K													
70	T6 Clear	G12	55150	CMT70/U/928/G12	M/C139	24	6000	5610	12000	2800	92	E	U
150	T9.5 Clear	MED	55197	CMT150/U/928/MED	M102/M142	12	13500	10125	12000	2800	95	O	U
150	T9.5 Frosted	MED	55201	CMPF150/U/928/MED	M102/M142	12	13000	9750	12000	2800	95	O	U
EYE CERA ARC® 5500K													
150	T9.5 Clear	MED	55206	CMT150/U/955/MED	M102/M142	12	12500	9375	12000	5500	95	O	U
150	T9.5 Frosted	MED	55210	CMPF150/U/955/MED	M102/M142	12	12000	9000	12000	5500	95	O	U

Fixture Requirements: O=Open fixture permissible E=Enclosed fixture
 *Specified electronic ballast only. Call EYE lighting for further information.

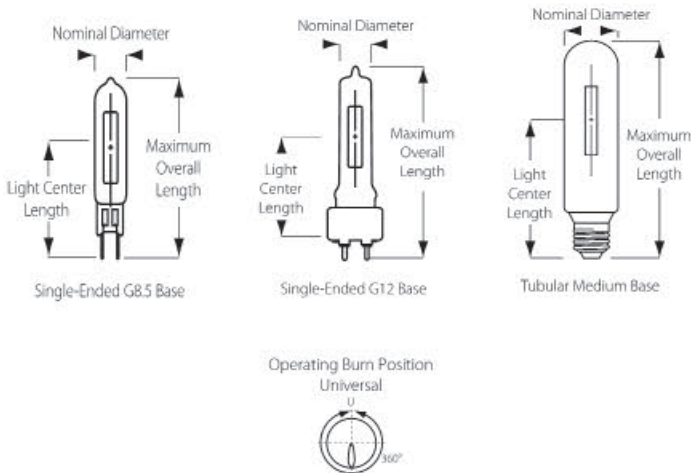
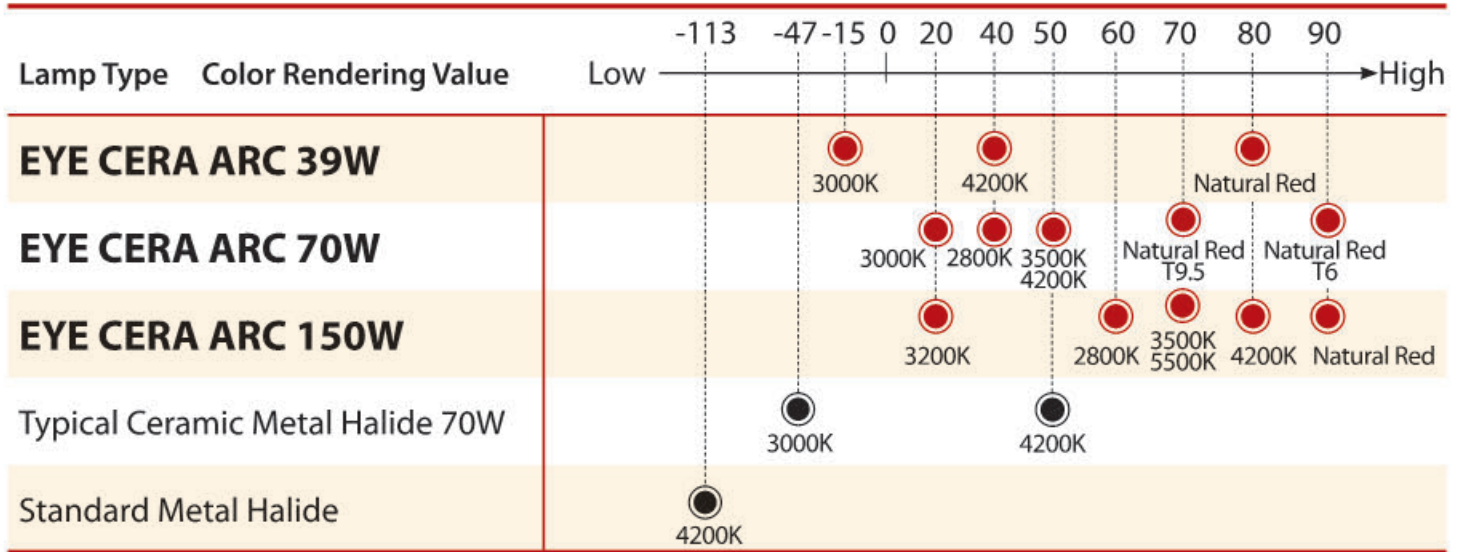


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COMPARISON OF COLOR RENDERING VALUE OF RED (R9)



Bulb	Nominal Dia. (in/mm)	LCL (in/mm)	MOL (in/mm)
G8.5/G12 Base			
T 4.5/G8.5	0.591/15	2.247/52	3.346/85
T 4.5/G12	0.591/15	2.205/56	4.055/103
T 6/G12 for 70W	0.787/20	2.205/56	4.055/103
T 6/G12 for 150W	0.787/20	2.205/56	4.331/110
Medium Base			
T 9.5 for 70W	1.181/30	3.425/87	5.039/128
T 9.5 for 150W	1.181/30	3.740/95	5.630/143
T 13	1.575/40	3.740/95	5.630/143

WARNING: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

This lamp complies with U.S. Federal Standard 21 CFR 1040.30

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