



# EYE Color Arc®



ISO 9001:2000 Certified, ISO 14001:2004 Certified, OHSAS 18001:1999 Certified, ISO 17025:2005 Accredited



**EYE LIGHTING INTERNATIONAL  
OF NORTH AMERICA, INC.**  
*A SUBSIDIARY OF IWASAKI ELECTRIC CO., LTD.*

# EYE Color Arc<sup>®</sup>

Color Rendering Index 96  
High Color Rendering  
Compact Metal Halide

**EYE Color Arc<sup>®</sup>** family has the highest CRI performance in HID lighting the world over. The exceptional color rendering of **EYE Color Arc<sup>®</sup>** lamps enhance the splendor and the value of any setting.

Exclusive chemistry developed by Iwasaki scientists ensures performance excellence.



## World Class Color Rendering

The color rendering index (CRI) is a measure of how accurately an artificial light source can render color. **EYE Color Arc<sup>®</sup>** lamps, with a CRI of 96, are worldwide leaders in color rendition. Accurate color enhances the value of any setting.



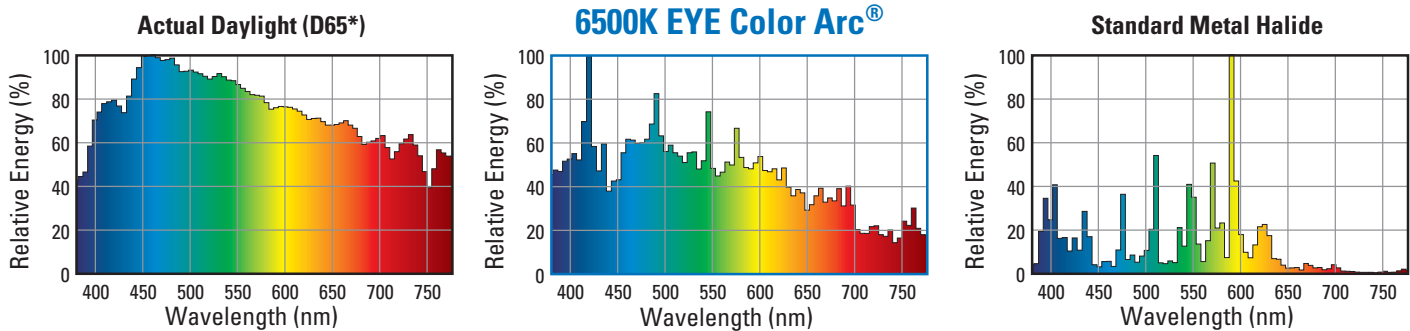
CRI 96 — EYE Color Arc<sup>®</sup>



CRI 65 — Metal Halide

## Very Similar Spectrum to Natural Sunlight













Spectral distribution of **EYE Color Arc<sup>®</sup>** lamps are very similar to natural sunlight. This superb characteristic fits any applications where natural color is necessary.



\* D65: A standard illuminant that CIE (International Commission on Illumination) recommends for use in computing object's colors.

# EYE Offers: Wide Wattage Range with Various Bulb Types

Compact **EYE Color Arc®** lamps are available in many wattages and bulb types to meet an increasingly wide range of applications.

	Protected T11, T13 Med. Base	T6, T8 G12 Base	T6 G8.5 Base	T6, T7.5 R7S Base	PAR36 Med. Base	PAR38 Med. Base
70-Watts	 3000K 3500K 4500K 6500K Clear or Coated Universal 360°	 3000K 3500K 4500K 6500K Universal 360°	 3500K 4500K 6500K Universal 360°	 3500K 4500K 6500K Horizontal ±45°	 3500K 4500K 6500K Pink Blue Universal 360°	 3500K 4500K 6500K Universal 360°
100-Watts	 3500K 4500K 6500K Clear or Coated Universal 360°	TBA	TBA	TBA	TBA	TBA
150-Watts	 3000K 3500K 4500K 6500K AQUA AQUA 2 Clear or Coated Universal 360°	 3000K 3500K 4500K 6500K Universal 360°	TBA	 3500K 4500K 6500K AQUA AQUA 2 Horizontal ±45°	 3500K 4500K 6500K Pink Blue Universal 360°	 3500K 4500K 6500K Universal 360°

## Wide Selection of Color Temperatures

**EYE Color Arc®** is available in four color temperatures – 3000K, 3500K, 4500K and 6500K – to meet a wide range of applications.

## Special Color Types Available

**AQUA/AQUA2:** 150W Tubular bulb or double ended aquarium lamp. Special dosing technology produces excellent, vivid blue with good color rendering characteristics. Color temperatures are 50,000K\* AQUA and 20,000K\* AQUA2.

**Enhanced Fresh Pink:** PAR36 bulb with the Pink Dichroic Coating on reflector, display goods appear bright and vivid and the coating transfers less heat to the lighted object. For use in displays, enhance showrooms, set the mood for restaurants and night clubs, illuminate fruits, cut flowers, vegetables and meats in grocery applications, for beauty salons and all types of retail.

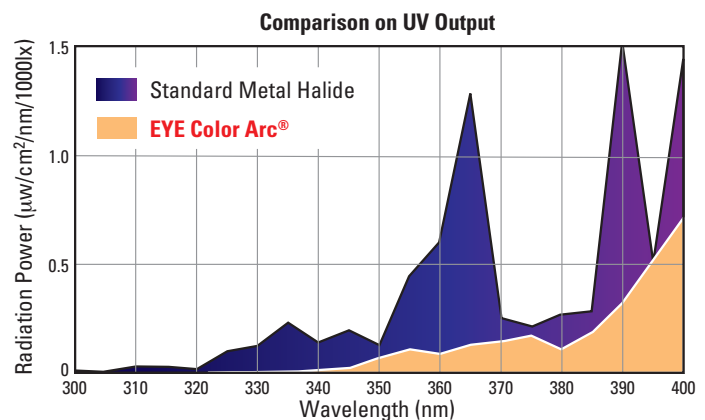
**Mediterranean Blue:** PAR36 bulb with special Blue Dichroic Coating on the reflector provides translucent blue color with less heat transfer to the lit object. For use in displays, aquariums, landscape, accent lighting, etc.

## UV-Block Coating

All light sources emit not only visible light but also ultraviolet (UV) radiation.

**EYE Color Arc®** lamps have an optically designed special coating that **dramatically reduces UV** radiation from the lamps to prevent discoloration, fading, etc.

\*Reference value only.



EYE lamp comparison of standard metal halide and Color Arc®.

# EYE Color Arc<sup>®</sup>



3000 K

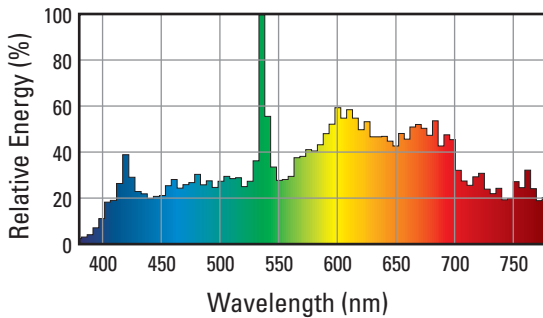
The 3000K **EYE Color Arc<sup>®</sup>** lamp features warm, white incandescent color but with metal halide efficacy. Either on its own or in combination with tungsten halogen or incandescent light sources, this lamp is perfect for retail and commercial settings where high color rendering and accurate shade matching properties are needed.



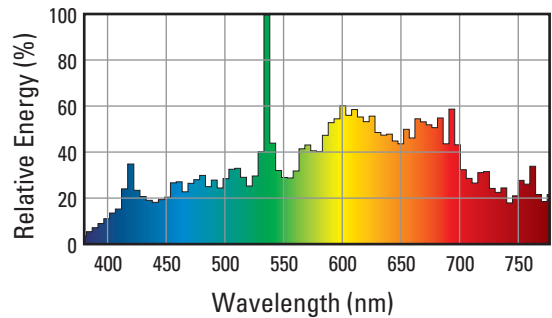
3500 K

The number one light source for interior commercial lighting. The fresh, early morning radiance of the 3500K **EYE Color Arc<sup>®</sup>** brings life to fresh produce, flowers, and a natural feel to retail displays. A clear, welcoming light for entrance areas and foyers will prove an attraction to customers.

Spectral Distribution



Spectral Distribution

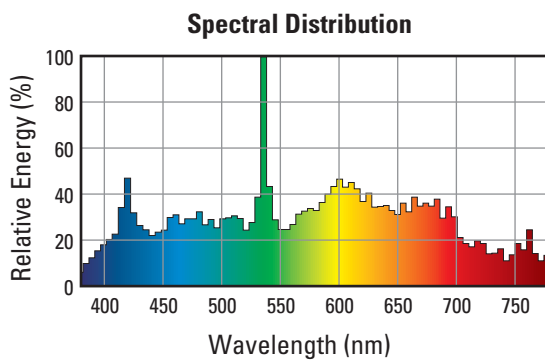


3 **C O L O R R E N D E R**



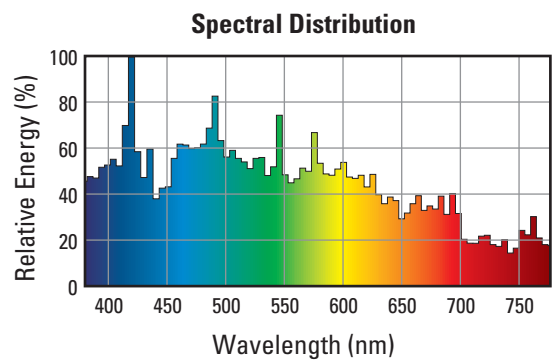
**4500K**

For boutiques, galleries and in retailing where there is a special need for strong color reproduction, the 4500K **EYE Color Arc®** gives you a pure white light. Blues, reds and greens of incredible richness are a feature of this clean light source.



**6500K**

The white vibrant light has, simply, a phenomenal spectral distribution which closely resembles natural sunlight on a clear day. Indoor sports facilities along with office areas are given a vibrancy that up until now, only outdoor environments could provide. Special light for a special need. In retail, jewelry glistens brilliantly capturing the imagination, and aquariums and greenhouses benefit from the effects of a light, seemingly from the sun.





# Produce



# Deli Counter



# Seafood

# Retail










# Food Court

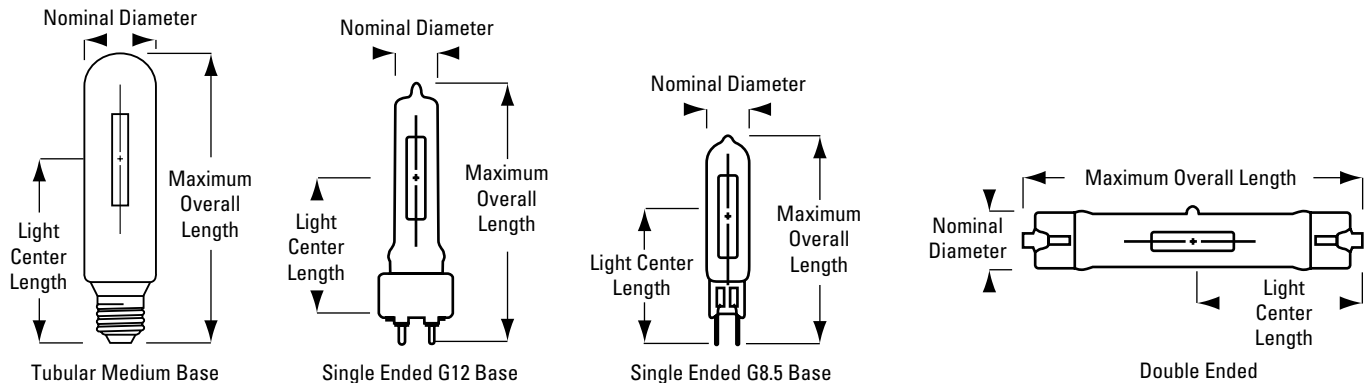


# Showrooms

# EYE Color Arc®

	Watts	Bulb	Base	Product Code	Product Description	Color Temp (K)	ANSI Code	Case Qty.	Initial Lumens	Mean Lumens	Avg. Life Hours	CRI	Fix. Req.	Burn Pos.
<b>Tubular Medium Base (Open or Enclosed Fixtures)</b>														
	70	T11 Clear	Med	56145	MT70/SLW	3000	M139	12	3800	3040	9000	96	0	U
	70	T11 Clear	Med	56101	MT70/SDW	3500	M139	12	4500	3600	9000	96	0	U
	70	T11 Frosted	Med	56003	MT70F/SDW	3500	M139	12	4300	3400	9000	96	0	U
	70	T11 Clear	Med	56150	MT70/SW	4500	M139	12	5000	4000	9000	96	0	U
	70	T11 Frosted	Med	56052	MT70F/SW	4500	M139	12	4800	3800	9000	96	0	U
	70	T11 Clear	Med	55905	MT70/D	6500	M139	12	5000	4000	9000	92	0	U
	70	T11 Frosted	Med	55954	MT70F/D	6500	M139	12	4800	3800	9000	92	0	U
	100	T11 Clear	Med	55315	MT100/SDW	3500	M164	12	6500	5200	9000	96	0	U
	100	T11 Frosted	Med	55323	MT100F/SDW	3500	M164	12	6000	4800	9000	96	0	U
	100	T11 Clear	Med	55331	MT100/SW	4500	M164	12	7000	5600	9000	96	0	U
	100	T11 Frosted	Med	55338	MT100F/SW	4500	M164	12	6500	5200	9000	96	0	U
	100	T11 Clear	Med	55343	MT100/D	6500	M164	12	7000	5600	9000	96	0	U
	100	T11 Frosted	Med	55351	MT100F/D	6500	M164	12	6500	5200	9000	96	0	U
	150	T13 Clear	Med	55870	MT150/SLW	3000	M142 <sup>1</sup>	12	9500	7600	12000	96	0	U
	150	T13 Frosted	Med	55845	MT150F/SLW	3000	M142 <sup>1</sup>	12	9000	7200	12000	96	0	U
	150	T13 Clear	Med	55807	MT150/SDW	3500	M142 <sup>1</sup>	12	10000	8000	12000	96	0	U
	150	T13 Frosted	Med	55709	MT150F/SDW	3500	M142 <sup>1</sup>	12	9600	7700	12000	96	0	U
	150	T13 Clear	Med	55856	MT150/SW	4500	M142 <sup>1</sup>	12	11000	9000	12000	96	0	U
150	T13 Frosted	Med	55758	MT150F/SW	4500	M142 <sup>1</sup>	12	10500	8600	12000	96	0	U	
150	T13 Clear	Med	55611	MT150/D	6500	M142 <sup>1</sup>	12	11000	9000	12000	96	0	U	
150	T13 Frosted	Med	55660	MT150F/D	6500	M142 <sup>1</sup>	12	10500	8600	12000	96	0	U	
150	T13 Clear	Med	55803	MT150AQUA	50000 <sup>2</sup>	M142 <sup>1</sup>	12	6000 <sup>2</sup>	NA	6000	NA	0	U	
150	T13 Clear	Med	55811	MT150AQUA2	20000 <sup>2</sup>	M142 <sup>1</sup>	12	8000 <sup>2</sup>	NA	6000	NA	0	U	
<b>Single-Ended (Enclosed Fixtures)</b>														
	70	T6 Clear	G8.5	56105	MT70/SDW/G8.5	3500	M139	24	4500	3600	6000	96	E	U
	70	T6 Clear	G8.5	56179	MT70/SW/G8.5	4500	M139	24	5000	4000	6000	96	E	U
	70	T6 Clear	G8.5	55925	MT70/D/G8.5	6500	M139	24	5000	4000	6000	92	E	U
	70	T6 Clear	G12	56140	MT70/SLW/G12	3000	M139	24	3800	3040	6000	96	E	U
	70	T6 Clear	G12	56108	MT70/SDW/G12	3500	M139	24	4500	3600	6000	96	E	U
	70	T6 Clear	G12	56162	MT70/SW/G12	4500	M139	24	5000	4000	6000	96	E	U
	70	T6 Clear	G12	55930	MT70/D/G12	6500	M139	24	5000	4000	6000	92	E	U
	150	T8 Clear	G12	55865	MT150/SLW/G12	3000	M142 <sup>1</sup>	24	9500	7600	6000	96	E	U
	150	T8 Clear	G12	55860	MT150/SDW/G12	3500	M142 <sup>1</sup>	24	10000	8000	6000	96	E	U
	150	T8 Clear	G12	55867	MT150/SW/G12	4500	M142 <sup>1</sup>	24	11000	9000	6000	96	E	U
	150	T8 Clear	G12	55645	MT150/D/G12	6500	M142 <sup>1</sup>	24	11000	9000	6000	96	E	U
	<b>Double-Ended (Enclosed Fixtures)</b>													
	70	T6 Clear	Rx7s	56192	MTD70/SDW	3500	M139	24	4500	3600	6000	96	E	HOR±45°
	70	T6 Clear	Rx7s	56213	MTD70/SW	4500	M139	24	5000	4000	6000	96	E	HOR±45°
	70	T6 Clear	Rx7s	56227	MTD70/D	6500	M139	24	5000	4000	6000	92	E	HOR±45°
	150	T7 Clear	Rx7s	55328	MTD150/SDW	3500	M142 <sup>1</sup>	24	10000	8000	12000	96	E	HOR±45°
	150	T7 Clear	Rx7s	55335	MTD150/SW	4500	M142 <sup>1</sup>	24	11000	9000	12000	96	E	HOR±45°
	150	T7 Clear	Rx7s	55345	MTD150/D	6500	M142 <sup>1</sup>	24	11000	9000	12000	96	E	HOR±45°
	150	T7 Clear	Rx7s	56241	MTD150AQUA	50000 <sup>2</sup>	M142 <sup>1</sup>	24	6000 <sup>2</sup>	NA	6000	NA	E	HOR±45°
150	T7 Clear	Rx7s	56260	MTD150AQUA2	20000 <sup>2</sup>	M142 <sup>1</sup>	24	8000 <sup>2</sup>	NA	6000	NA	E	HOR±45°	

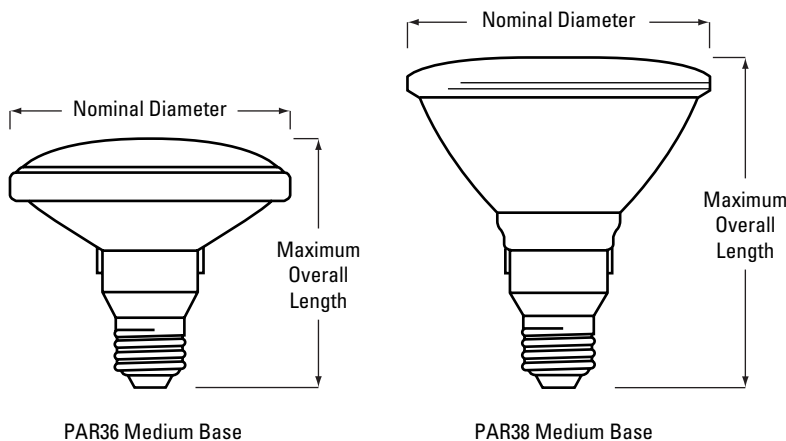
<sup>1</sup> Specified Ballast Only. Call EYE Lighting for further detail. <sup>2</sup> Reference Value Only.



# EYE Color Arc®

Watts	Bulb	Base	Product Code	Product Description	Color Temp (K)	ANSI Code	Case Qty.	Initial Lumens	Beam Lumens	Beam Angle (°)	Peak Intensity (cd)	Avg. Life Hours	CRI	Fix. Req.	Burn Pos.
<b>PAR36 Aluminum Reflector Medium Base (Open or Enclosed Fixtures)</b>															
70	PAR36	Med Skirt	55452	M70P36S/SDW	3500	M139	10	3000	720	26	7020	6000	96	0	U
70	PAR36	Med Skirt	55473	M70P36F/SDW	3500	M139	10	2700	1000	65	1600	6000	96	0	U
70	PAR36	Med Skirt	55459	M70P36S/SW	4500	M139	10	3300	800	26	7800	6000	96	0	U
70	PAR36	Med Skirt	55424	M70P36F/SW	4500	M139	10	3000	1100	65	2000	6000	96	0	U
70	PAR36	Med Skirt	55438	M70P36S/D	6500	M139	10	3300	800	26	7800	6000	92	0	U
70	PAR36	Med Skirt	55403	M70P36F/D	6500	M139	10	3000	1100	65	2000	6000	92	0	U
150	PAR36	Med Skirt	55361	M150P36S/SDW	3500	M142 <sup>1</sup>	10	8100	1800	23 X 29	11700	6000	96	0	U
150	PAR36	Med Skirt	55326	M150P36F/SDW	3500	M142 <sup>1</sup>	10	7650	2700	62 X 67	4320	6000	96	0	U
150	PAR36	Med Skirt	55368	M150P36S/SW	4500	M142 <sup>1</sup>	10	9000	2000	23 X 29	13000	6000	96	0	U
150	PAR36	Med Skirt	55333	M150P36F/SW	4500	M142 <sup>1</sup>	10	8500	3000	62 X 67	4800	6000	96	0	U
150	PAR36	Med Skirt	55347	M150P36S/D	6500	M142 <sup>1</sup>	10	9000	2000	23 X 29	13000	6000	96	0	U
150	PAR36	Med Skirt	55312	M150P36F/D	6500	M142 <sup>1</sup>	10	8500	3000	62 X 67	4800	6000	96	0	U
<b>PAR36 Dichroic Reflector Special Color Medium Base (Open or Enclosed Fixtures)</b>															
70	PAR36	Med Skirt	55431	M70P36S/B	Blue	M139	10	4100 <sup>2</sup>	300 <sup>2</sup>	25	3000 <sup>2</sup>	6000	85 <sup>2</sup>	0	U
70	PAR36	Med Skirt	55396	M70P36F/B	Blue	M139	10	4000 <sup>2</sup>	750 <sup>2</sup>	77	800 <sup>2</sup>	6000	85 <sup>2</sup>	0	U
70	PAR36	Med Skirt	55445	M70P36S/P	Pink	M139	10	3400 <sup>2</sup>	400 <sup>2</sup>	25	4800 <sup>2</sup>	6000	85 <sup>2</sup>	0	U
70	PAR36	Med Skirt	55410	M70P36F/P	Pink	M139	10	3000 <sup>2</sup>	650 <sup>2</sup>	70	840 <sup>2</sup>	6000	85 <sup>2</sup>	0	U
150	PAR36	Med Skirt	55340	M150P36S/B	Blue	M142 <sup>1</sup>	10	9500 <sup>2</sup>	1100 <sup>2</sup>	28 X 34	7000 <sup>2</sup>	6000	85 <sup>2</sup>	0	U
150	PAR36	Med Skirt	55305	M150P36F/B	Blue	M142 <sup>1</sup>	10	9400 <sup>2</sup>	2700 <sup>2</sup>	72 X 77	2800 <sup>2</sup>	6000	85 <sup>2</sup>	0	U
150	PAR36	Med Skirt	55354	M150P36S/P	Pink	M142 <sup>1</sup>	10	8200 <sup>2</sup>	1400 <sup>2</sup>	28 X 34	9000 <sup>2</sup>	6000	85 <sup>2</sup>	0	U
150	PAR36	Med Skirt	55319	M150P36F/P	Pink	M142 <sup>1</sup>	10	7800 <sup>2</sup>	2400 <sup>2</sup>	67 X 72	3100 <sup>2</sup>	6000	85 <sup>2</sup>	0	U
<b>PAR38 Medium Base (Open or Enclosed Fixtures)</b>															
70	PAR38	Med Skirt	55450	M70P38S/SDW	3500	M139	10	2700	810	20	13500	6000	96	0	U
70	PAR38	Med Skirt	55417	M70P38F/SDW	3500	M139	10	2610	1350	45	4050	6000	96	0	U
70	PAR38	Med Skirt	55457	M70P38S/SW	4500	M139	10	3000	900	20	15000	6000	96	0	U
70	PAR38	Med Skirt	55480	M70P38F/SW	4500	M139	10	2900	1500	45	4500	6000	96	0	U
70	PAR38	Med Skirt	55433	M70P38S/D	6500	M139	10	3000	900	20	15000	6000	92	0	U
70	PAR38	Med Skirt	55466	M70P38F/D	6500	M139	10	2900	1500	45	4500	6000	92	0	U
150	PAR38	Med Skirt	55365	M150P38S/SDW	3500	M142 <sup>1</sup>	10	7200	1350	20	18000	6000	96	0	U
150	PAR38	Med Skirt	55382	M150P38F/SDW	3500	M142 <sup>1</sup>	10	5400	2700	60	4500	6000	96	0	U
150	PAR38	Med Skirt	55372	M150P38S/SW	4500	M142 <sup>1</sup>	10	8000	1500	20	20000	6000	96	0	U
150	PAR38	Med Skirt	55389	M150P38F/SW	4500	M142 <sup>1</sup>	10	6000	3000	60	5000	6000	96	0	U
150	PAR38	Med Skirt	53360	M150P38S/D	6500	M142 <sup>1</sup>	10	8000	1500	20	20000	6000	96	0	U
150	PAR38	Med Skirt	55375	M150P38F/D	6500	M142 <sup>1</sup>	10	6000	3000	60	5000	6000	96	0	U

<sup>1</sup> Specified Ballast Only. Call EYE Lighting for further detail. <sup>2</sup> Reference Value Only.

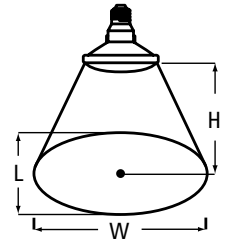


LAMP DIMENSIONS (in. / mm)			
Bulb	Nominal Dia.	LCL	MOL
<b>Tubular Medium Base</b>			
T11	1.378 / 35	3.425 / 87	5.433 / 138
T13	1.575 / 40	3.74 / 95	6.024 / 153
<b>Single-Ended</b>			
T6/G8.5	0.709 / 18	2.047 / 52	3.347 / 85
T6/G12	0.709 / 18	2.205 / 56	4.134 / 105
T8	0.984 / 25	2.205 / 56	4.134 / 105
<b>Double-Ended</b>			
T6	0.787 / 20	2.303 / 58.5	4.724 / 120
T7	0.886 / 22.5	2.618 / 66.5	5.355 / 136
<b>PAR36 Medium Base</b>			
PAR36	4.410 / 112	—	4.016 / 102
<b>PAR38 Medium Base</b>			
PAR38	4.764 / 121	—	5.315 / 135

# EYE Color Arc®

## PAR 36 & PAR 38 Beam Diameter\* and Illuminance

H: Distance from the lamp to the lit surface (in feet)  
 fc: Footcandles at the center of the beam  
 Beam Diameter L: Length of the beam (in feet)  
 Beam Diameter W: Width of the beam (in feet)



70W PAR36															
M70P36S/SDW				M70P36F/SDW				M70P36S/SW				M70P36F/SW			
Beam Angle 26°				Beam Angle 65°				Beam Angle 26°				Beam Angle 65°			
H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter
		L	W			L	W			L	W			L	W
6	195	2.77	2.77	6	44	7.64	7.64	6	217	2.77	2.77	6	56	7.64	7.64
8	110	3.69	3.69	8	25	10.19	10.19	8	122	3.69	3.69	8	31	10.19	10.19
10	70	4.62	4.62	10	16	12.74	12.74	10	78	4.62	4.62	10	20	12.74	12.74
12	49	5.54	5.54	12	11	15.29	15.29	12	54	5.54	5.54	12	14	15.29	15.29
14	36	6.46	6.46	14	8	17.84	17.84	14	40	6.46	6.46	14	10	17.84	17.84
M70P36S/B				M70P36F/B				M70P36S/P				M70P36F/P			
Beam Angle 25°				Beam Angle 77°				Beam Angle 25°				Beam Angle 70°			
H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter
		L	W			L	W			L	W			L	W
6	83	2.66	2.66	6	22	9.55	9.55	6	133	2.66	2.66	6	23	8.40	8.40
8	47	3.55	3.55	8	12	12.73	12.73	8	75	3.55	3.55	8	13	11.20	11.20
10	30	4.43	4.43	10	8	15.91	15.91	10	48	4.43	4.43	10	8	14.00	14.00
12	21	5.32	5.32	12	6	19.09	19.09	12	33	5.32	5.32	12	6	16.80	16.80
14	15	6.21	6.21	14	4	22.27	22.27	14	24	6.21	6.21	14	4	19.61	19.61



150W PAR36															
M150P36S/SDW				M150P36F/SDW				M150P36S/SW				M150P36F/SW			
Beam Angle 23° x 29°				Beam Angle 62° x 67°				Beam Angle 23° x 29°				Beam Angle 62° x 67°			
H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter
		L	W			L	W			L	W			L	W
8	183	3.26	4.14	8	67	9.61	10.59	8	203	3.26	4.14	8	75	9.61	10.59
10	117	4.07	5.17	10	43	12.02	13.24	10	130	4.07	5.17	10	48	12.02	13.24
12	81	4.88	6.21	12	30	14.42	15.89	12	90	4.88	6.21	12	33	14.42	15.89
14	60	5.70	7.24	14	22	16.82	18.53	14	66	5.70	7.24	14	24	16.82	18.53
16	46	6.51	8.28	16	17	19.23	21.18	16	51	6.51	8.28	16	19	19.23	21.18
M150P36S/B				M150P36F/B				M150P36S/P				M150P36F/P			
Beam Angle 28° x 34°				Beam Angle 72° x 77°				Beam Angle 28° x 34°				Beam Angle 67° x 72°			
H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter
		L	W			L	W			L	W			L	W
8	109	3.99	4.89	8	44	11.62	12.73	8	141	3.99	4.89	8	48	10.59	11.62
10	70	4.99	6.11	10	28	14.53	15.91	10	90	4.99	6.11	10	31	13.24	14.53
12	49	5.98	7.34	12	19	17.44	19.09	12	62	5.98	7.34	12	22	15.89	17.44
14	36	6.98	8.56	14	14	20.34	22.27	14	46	6.98	8.56	14	16	18.53	20.34
16	27	7.98	9.78	16	11	23.25	25.45	16	35	7.98	9.78	16	12	21.18	23.25



70W PAR38															
M70P38S/SDW				M70P38F/SDW				M70P38S/SW				M70P38F/SW			
Beam Angle 20°				Beam Angle 45°				Beam Angle 20°				Beam Angle 45°			
H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter
		L	W			L	W			L	W			L	W
6	375	2.12	2.12	6	112	4.97	4.97	6	417	2.12	2.12	6	125	4.97	4.97
8	211	2.82	2.82	8	63	6.63	6.63	8	234	2.82	2.82	8	70	6.63	6.63
10	135	3.53	3.53	10	40	8.28	8.28	10	150	3.53	3.53	10	45	8.28	8.28
12	94	4.23	4.23	12	28	9.94	9.94	12	104	4.23	4.23	12	31	9.94	9.94
14	69	4.94	4.94	14	21	11.60	11.60	14	77	4.94	4.94	14	23	11.60	11.60



150W PAR38															
M150P38S/SDW				M150P38F/SDW				M150P38S/SW				M150P38F/SW			
Beam Angle 20°				Beam Angle 60°				Beam Angle 20°				Beam Angle 60°			
H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter	H	fc	Beam Diameter	Beam Diameter
		L	W			L	W			L	W			L	W
8	281	2.82	2.82	8	70	9.24	9.24	8	312	2.82	2.82	8	78	9.24	9.24
10	180	3.53	3.53	10	45	11.55	11.55	10	200	3.53	3.53	10	50	11.55	11.55
12	125	4.23	4.23	12	31	13.86	13.86	12	139	4.23	4.23	12	35	13.86	13.86
14	92	4.94	4.94	14	23	16.17	16.17	14	102	4.94	4.94	14	26	16.17	16.17
16	70	5.64	5.64	16	18	18.48	18.48	16	78	5.64	5.64	16	20	18.48	18.48

\*The illuminance level of the outer edge of the beam diameter is 50% of the footcandle reading.

ISO 9001:2000 Certified, ISO 14001:2004 Certified, OHSAS 18001:1999 Certified, ISO 17025:2005 Accredited



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