



## CLEAN ACE (BT)

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
115395	MF 250D-L	250	E40	BT100	Coated	6500	130	2.13	14500	90	10000	ANY	1
115400	MF 400D-L	400	E40	BT116	Coated	6500	135	3.25	24500	90	12000	ANY	2

BT = Bulged Tubular.

BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.



## CLEAN ACE (T)

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
115250	MT 250DL	250	E40	T48	Clear	6500	130	2.13	18200	90	10000	ANY	1
115255	MT 400D-L/BUD	400	E40	T48	Clear	6500	135	3.25	32000	90	12000	BUD±15°	2

T = Tubular.

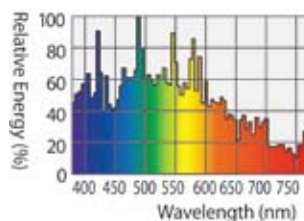
BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

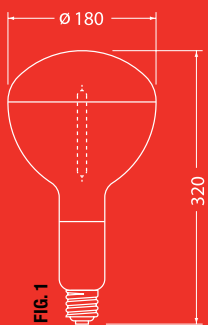
With its excellent colour rendering properties, this metal halide lamp features a colour temperature close to natural daylight.

### FEATURES

- High colour temperature 6500K
- High colour rendering Ra 90
- The light is suitable for various retail applications, and signboards, as well as critical commercial and industrial colour applications including aquatic applications
- Operates on standard high pressure mercury ballast without ignitor.

### DISTRIBUTION CHART





## CLEAN ARC REFLECTOR

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
115100	MRF 400 D	400	E40	R180	CLEAR	6500	135	3.25	15000	90	6000	ANY	1

R = Reflector.

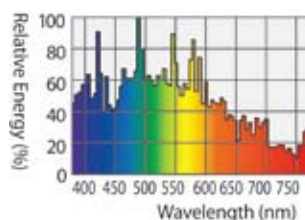
BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

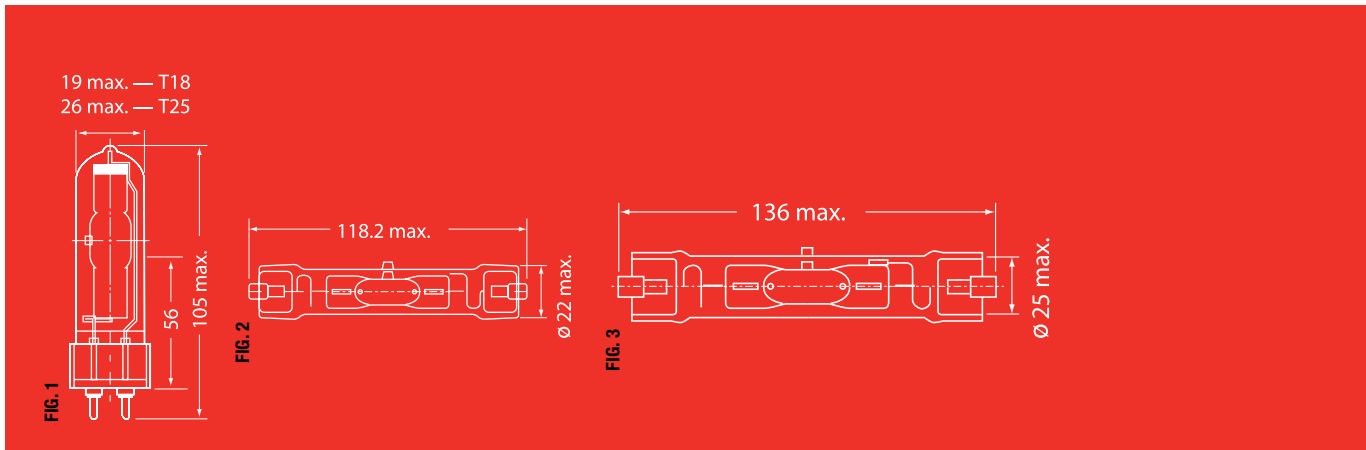
With its excellent colour rendering properties, this metal halide lamp features a colour temperature close to natural daylight.

### FEATURES

- High colour temperature 6500K
- High colour rendering Ra 90
- The light is suitable for various retail applications, and signboards, as well as critical commercial and industrial colour applications including aquatic applications
- Operates on metal halide control gear.

### DISTRIBUTION CHART





# COLOR ARC T - G12 TYPE COLOR ARC TD - DOUBLE ENDED TYPE

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
115850	MT 70D	70	G12	T18	Clear	6500	90	1	5000	92	6000	Any	1
115855	MT 70SW	70	G12	T18	Clear	4500	90	1	5000	96	6000	Any	1
115860	MT 70SDW	70	G12	T18	Clear	3500	90	1	4500	96	6000	Any	1
115695	MTD 70D	70	Rx7s	T20	Clear	6500	90	1	5000	92	6000	BH±45°	2
115700	MTD 70SW	70	Rx7s	T20	Clear	4500	90	1	5000	96	6000	BH±45°	2
115705	MTD 70SDW	70	Rx7s	T20	Clear	3500	90	1	4500	96	6000	BH±45°	2
115865	MT 150D	150	G12	T25	Clear	6500	95	1.9	11000	96	6000	Any	1
115870	MT 150SW	150	G12	T25	Clear	4500	95	1.9	11000	96	6000	Any	1
115875	MT 150SDW	150	G12	T25	Clear	3500	95	1.9	10000	96	6000	Any	1
115710	MTD150D	150	Rx7s	T22.5	Clear	6500	95	1.9	11000	96	12000	BH±45°	3
115715	MTD 150SW	150	Rx7s	T22.5	Clear	4500	95	1.9	11000	96	12000	BH±45°	3
115720	MTD 150SDW	150	Rx7s	T22.5	Clear	3500	95	1.9	10000	96	12000	BH±45°	3

T = Tubular, TD = Tubular Double-Ended.

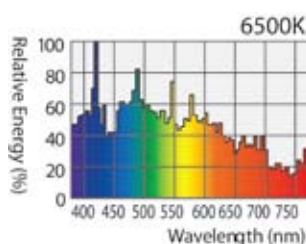
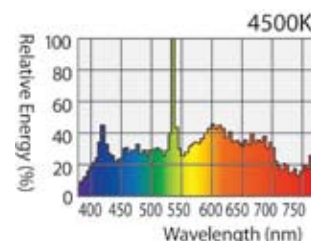
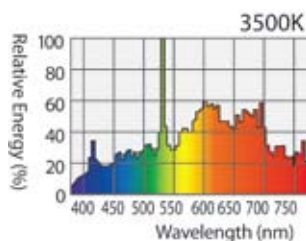
BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

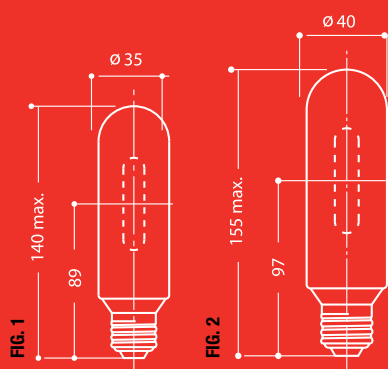
The exceptional colour rendering of EYE Color Arc lamps enhances the splendour and value of any setting.

## FEATURES

- 3500K, 4500K and 6500K types are available
- Most types have excellent colour rendering, Ra 96 with excellent R9 (red colour rendering)
- Perfect for applications that require natural, well-balanced high colour rendering light
- UV reduction coating on outer bulb prevents lit objects from fading and maintains high output with polycarbonate lenses
- Clear and coated bulbs are available in the tubular E27 base types
- Operates on metal halide control gear.

## DISTRIBUTION CHARTS





## COLOR ARC - TUBULAR TYPE

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
115600	MT 70SDW	70	E27	T35	Clear	3500	90	1	4500	96	9000	Any	1
115610	MT 70FSDW	70	E27	T35	Coated	3500	90	1	4300	96	9000	Any	1
115620	MT 70SW	70	E27	T35	Clear	4500	90	1	5000	96	9000	Any	1
115630	MT 70FSW	70	E27	T35	Coated	4500	90	1	4800	96	9000	Any	1
115640	MT 70D	70	E27	T35	Clear	6500	90	1	5000	92	9000	Any	1
115650	MT 70FD	70	E27	T35	Coated	6500	90	1	4800	92	9000	Any	1
115660	MT 150SLW	150	E27	T40	Clear	3000	95	1.9	9500	96	6000	Any	2
115665	MT 150FSLW	150	E27	T40	Coated	3000	95	1.9	9000	96	6000	Any	2
115605	MT 150SDW	150	E27	T40	Clear	3500	95	1.9	10000	96	12000	Any	2
115615	MT 150FSDW	150	E27	T40	Coated	3500	95	1.9	9600	96	12000	Any	2
115625	MT 150SW	150	E27	T40	Clear	4500	95	1.9	11000	96	12000	Any	2
115635	MT 150FSW	150	E27	T40	Coated	4500	95	1.9	10500	96	12000	Any	2
115645	MT 150D	150	E27	T40	Clear	6500	95	1.9	11000	96	12000	Any	2
115655	MT 150FD	150	E27	T40	Coated	6500	95	1.9	10500	96	12000	Any	2

T = Tubular.

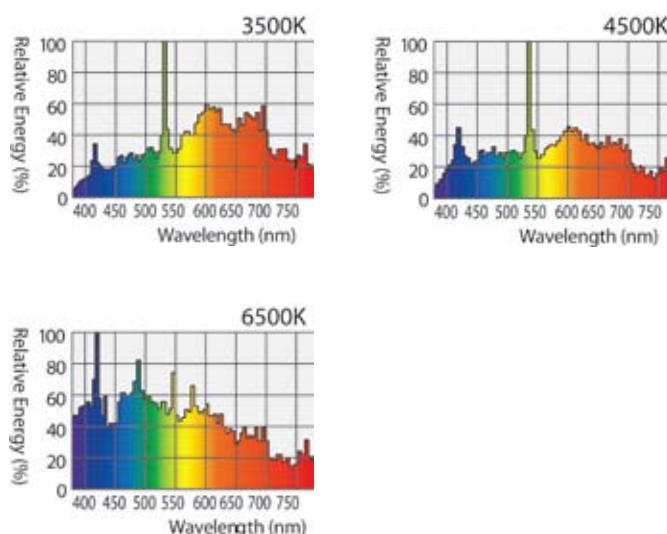
BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

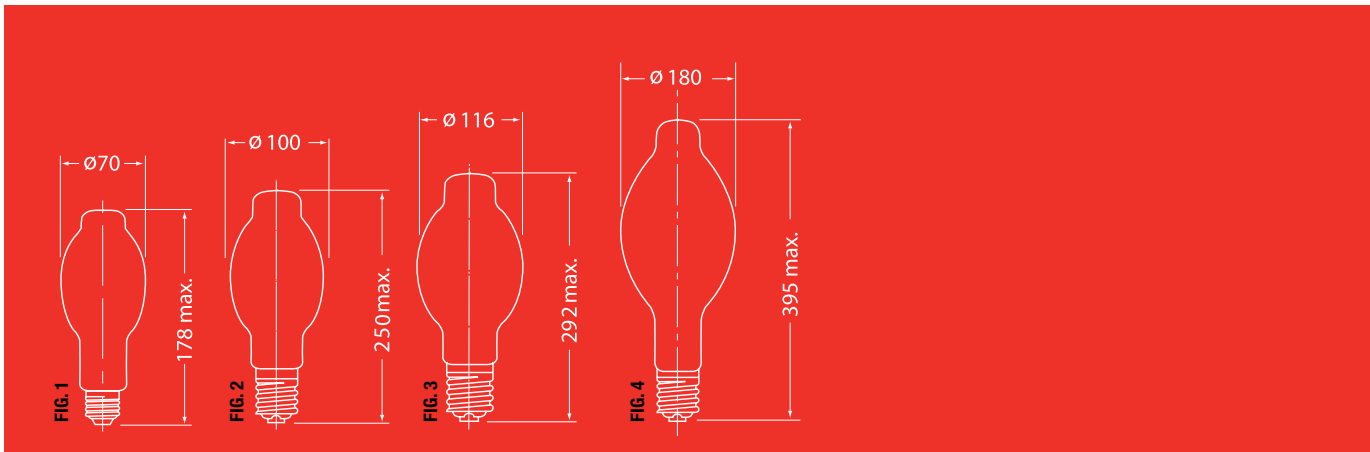
The exceptional colour rendering of EYE Color Arc lamps enhances the splendour and value of any setting.

### FEATURES

- 3500K, 4500K and 6500K types are available
- Most types have excellent colour rendering, Ra 96 with excellent R9 (red colour rendering)
- Perfect for applications that require natural, well-balanced high colour rendering light
- UV reduction coating on outer bulb prevents lit objects from fading and maintains high output with polycarbonate lenses
- Clear and coated lamps are available in the tubular E27 base types.
- Operates on metal halide control gear.

### DISTRIBUTION CHARTS





## MULTI HI ACE - WHITE LIGHT & COLOURED TYPES

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
115345	MF 400LE-BD	400	E40	BT116	COATED	3800	135	3.25	38000	70	15000	BD±75°	2
115325	MF 125LE-BUH	125	E27	BT170	COATED	3800	125	1.15	8500	70	9000	BUH±105°	2
115315	M 1000LE-BUH	1000	E40	BT180	CLEAR	4200	145	7.5	90000	65	9000	BUH±105°	2
115350	MF 1000LE-BUH	1000	E40	BT180	COATED	3800	145	7.5	87000	70	9000	BUH±105°	2
115355	M 100LE/V/BU	100	E27	BT70	CLEAR	BLUE	115	1.0	2000	-	2000	BU±30°	3
115360	M 100LE/G/BU	100	E27	BT70	CLEAR	GREEN	115	1.0	7500	-	4000	BU±30°	3
115365	M 250LE/V	250	E40	BT100	CLEAR	BLUE	130	2.1	5000	-	3000	Any	3
115370	M 250LE/G	250	E40	BT100	CLEAR	GREEN	130	2.1	20000	-	6000	Any	1
115375	M 400LE/V	400	E40	BT116	CLEAR	BLUE	130	3.3	8000	-	3000	Any	4
115380	M 400LE/G	400	E40	BT116	CLEAR	GREEN	130	3.3	32000	-	6000	Any	4

BT = Bulged Tubular.

BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

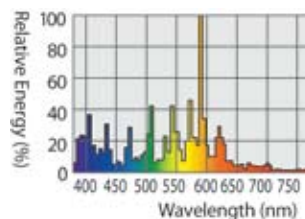
High efficacy metal halide lamp with built-in ignitor for use with ballast for mercury lamp without ignitor.

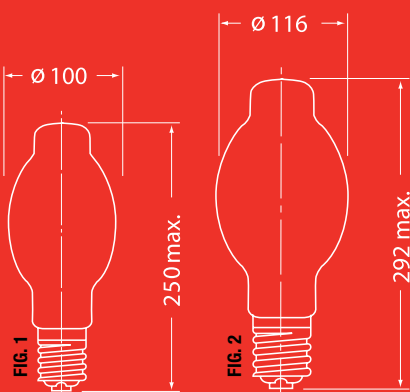
### FEATURES

- Operates from mercury vapour control equipment - no external ignitor required
- High efficacy, up to 100 lm/w, 1.6 times greater than mercury lamps
- Wide range of wattages
- Glow-bottle ignitor.

### DISTRIBUTION CHART

White Light Types





## MULTI SUPER ACE (BT)

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
115300	M 250LSH/U	250	E40	BT100	CLEAR	4500	130	2.13	21500	70	15000	ANY	1
115330	MF 250LSH/U	250	E40	BT100	COATED	4200	130	2.13	20000	75	15000	ANY	1
115302	M 250LSH/ BUP	250	E40	BT100	CLEAR	4500	130	2.13	23800	70	15000	BU±15°	1
115332	MF 250LSH/ BUP	250	E40	BT100	COATED	4200	130	2.13	22000	75	15000	BU±15°	1
115305	M 400LSH/U	400	E40	BT116	CLEAR	4500	135	3.25	40000	70	15000	ANY	2
115340	MF 400LSH/U	400	E40	BT116	COATED	4200	135	3.25	38000	75	15000	ANY	2
115307	M 400LSH/ BUP	400	E40	BT116	CLEAR	4500	135	3.25	44000	70	15000	BU±15°	2
115342	MF 400LSH/ BUP	400	E40	BT116	COATED	4200	135	3.25	42000	75	15000	BU±15°	2

BT = Bulged Tubular.

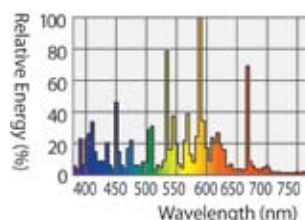
BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

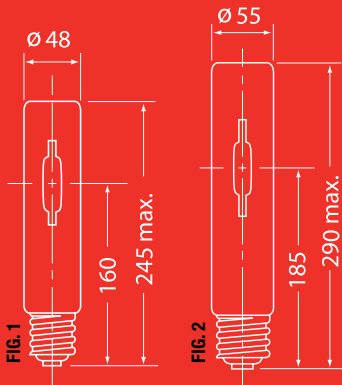
High efficacy flicker-less metal halide lamp with built-in FEC ignitor for use with ballast for mercury lamp without ignitor. The five-band (LSH type) multi-wavelength white light produces good colour rendering.

### FEATURES

- Operates from approved Mercury Vapour control equipment - no external ignitor required
- Flicker-less operation
- Good colour rendering performance
- Long lamp life
- Up to 110 lm/w high efficacy, 1.8 times greater than mercury lamps
- Built-in FEC ignitor controls pulse voltage, width and phase. The controlled pulse reduces arc tube darkening and lumen depreciation increasing lamp life
- FEC protects ballast and wiring when lamp ceases to operate as the ignition pulse will be reduced to a harmless level
- Shatterproof coated types are available (BUP type) - the teflon coating on outer bulb prevents glass from shattering when broken.

### DISTRIBUTION CHART





## MULTI SUPER ACE (T)

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
115205	MT 250LSH/BH	250	E40	T48	CLEAR	4500	130	2.1	19500	70	15000	HOR±15°	1
115215	MT 400LSH/BH	400	E40	T55	CLEAR	4500	130	3.3	39000	70	15000	HOR±15°	2

T = Tubular.

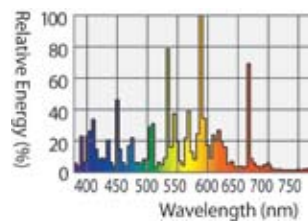
BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal, HOR = Horizontal.

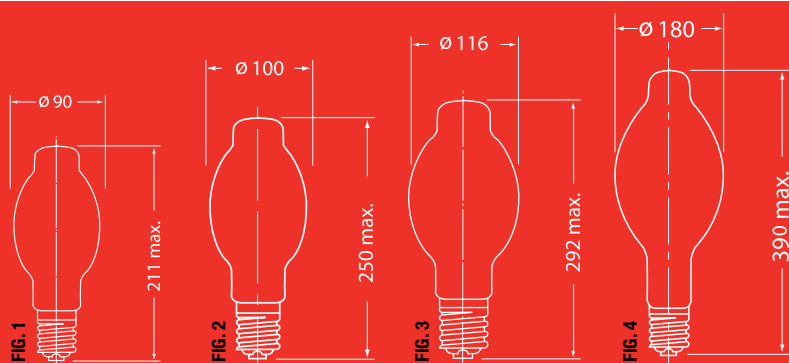
High efficacy flicker-less metal halide lamp with built-in FEC ignitor for use with ballast for mercury lamp without ignitor. The five-band (LSH type) multi-wavelength white light produces good colour rendering.

### FEATURES

- Operates from approved Mercury Vapour control equipment - no external ignitor required
- Flicker-less operation
- Good colour rendering performance
- Long lamp life
- Up to 110 lm/w high efficacy, 1.8 times greater than mercury lamps
- Built-in FEC ignitor controls pulse voltage, width and phase. The controlled pulse reduces arc tube darkening and lumen depreciation increasing lamp life
- FEC protects ballast and wiring when lamp ceases to operate as the ignition pulse will be reduced to a harmless level.

### DISTRIBUTION CHART





## MULTI-METAL (BT)

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
------	-------------	-------	------	-------	--------	-----------------	------------------	------------------	---------------------	----	---------------	------------------	---------

### Multi-Metal for use with metal halide control gear

115000	M 175X/U	175	E40	BT28	CLEAR	4200	130	1.5	14000	65	10000	ANY	1
115040	MF 175X/U	175	E40	BT28	COATED	3800	130	1.5	13500	70	10000	ANY	1
115005	M 250X/U	250	E40	BT90	CLEAR	4200	130	2.13	21000	65	15000	ANY	1
115045	MF 250X/U	250	E40	BT90	COATED	3800	130	2.13	20000	70	15000	ANY	1
115007	M 250X/BUP	250	E40	BT100	CLEAR	4200	130	2.13	21500	65	15000	BUH±105°	2
115047	MF 250X/BUP	250	E40	BT100	COATED	3800	130	2.13	20000	70	15000	BUH±105°	2
115010	M 400X/U	400	E40	BT116	CLEAR	4200	135	3.25	38000	65	15000	ANY	3
115050	MF 400SX/BU	400	E40	BT116	COATED	3800	135	3.25	40000	70	20000	BU±15°	3
115015	M 400SX/BU	400	E40	BT116	CLEAR	4200	135	3.25	42000	65	20000	BU±15°	3
115055	MF 400X/U	400	E40	BT116	COATED	3800	135	3.25	36000	70	15000	ANY	3
115017	M 400X/BUP	400	E40	BT116	CLEAR	4200	135	3.25	38000	65	15000	BU±15°	3
115057	MF 400X/BUP	400	E40	BT116	COATED	3800	135	3.25	36000	70	15000	BU±15°	3

### Multi-Metal for use with Constant Wattage metal halide control gear

115020	M 1000BX/U	1000	E40	BT180	CLEAR	4200	263	4.1	115000	65	9000	ANY	-
115060	MF 1000BX/U	1000	E40	BT180	COATED	3800	263	4.1	110000	70	9000	ANY	-
115025	M 1000BSX/BU	1000	E40	BT180	CLEAR	4200	263	4.1	120000	65	9000	BU±15°	-
115065	MF 1000BSX/BU	1000	E40	BT180	COATED	3800	263	4.1	118000	70	9000	BU±15°	-
115385	M 1000B/V	1000	E40	BT180	CLEAR	BLUE	250	4.5	20000	65	3000	ANY	4
115390	M 1000B/G	1000	E40	BT180	CLEAR	GREEN	250	4.5	20000	65	6000	ANY	4

BT = Bulged Tubular.

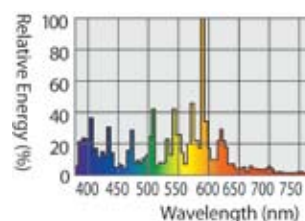
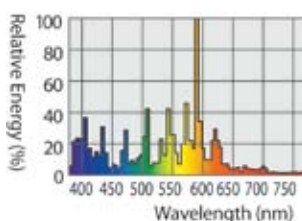
BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

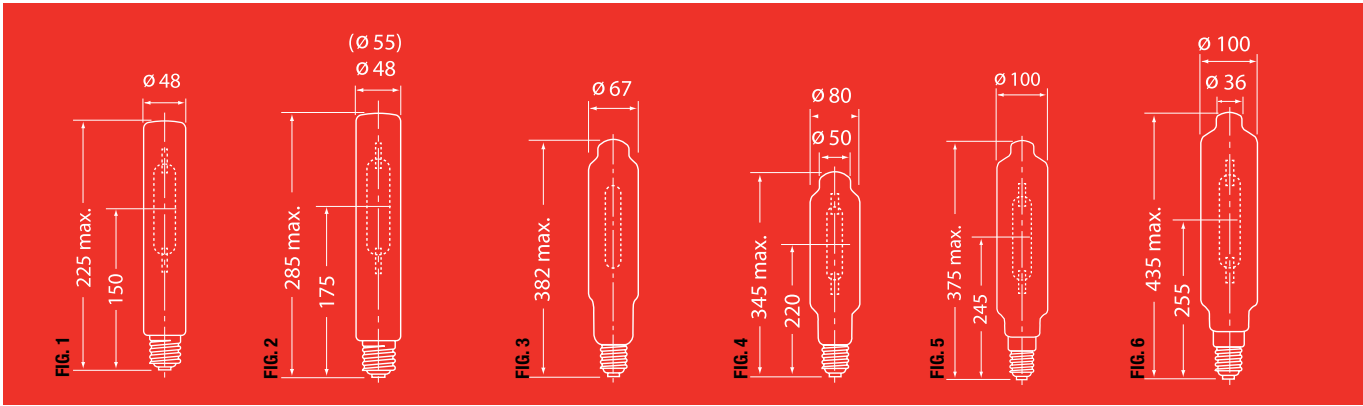
High performance metal halide lamps.

### FEATURES

- Up to 120 lm/W, high efficacy
- Long lamp life
- Various wattages and types are available
- Shatterproof coated types are available. The teflon coating on outer bulb prevents glass from shattering when broken
- Operates on approved ballast only
- Check for appropriate control gear.

### DISTRIBUTION CHART





## MULTI-METAL (T)

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Ra	Rated Av Life	Burning Position	Fig No.
------	-------------	-------	------	-------	--------	-----------------	------------------	------------------	---------------------	----	---------------	------------------	---------

Multi-Metal for use with metal halide control gear

115200	MT 250-BH	250	E40	T48	CLEAR	4200	130	2.13	18000	65	10000	BH±60°	1
115210	MT 400-BH	400	E40	T48	CLEAR	4200	135	3.25	32000	65	10000	BH±60°	2
115235	MT 1000A-BH/67	1000	E40	T67	CLEAR	4200	145	7.5	85000	65	6000	BH±60°	3

Multi-Metal for use with Constant Wattage metal halide control gear

115225	MT 1000B-BH	1000	E40	T80	CLEAR	4200	230	4.7	115000	65	9000	BH±60°	4
115230	MT 1000B-BH-SRL	1000	E40	T100	CLEAR	4200	250	4.5	115000	65	6000	BD±60°	5

Multi-Metal for use with mercury vapour ballast without ignitor

115245	MT 2000B-BH/L	2000	E40	T100	CLEAR	4200	230	9.2	220000	65	9000	BD±60°	6
--------	---------------	------	-----	------	-------	------	-----	-----	--------	----	------	--------	---

T = Tubular.

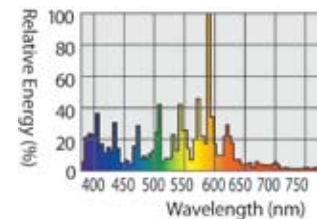
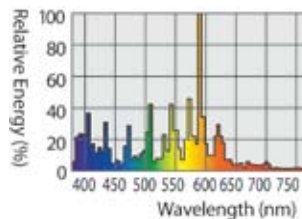
BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

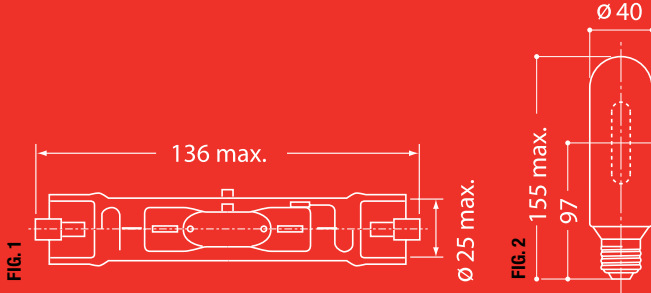
High performance metal halide lamps.

### FEATURES

- Up to 120 lm/W, high efficacy
- Long lamp life
- Various wattages and types are available
- Shatterproof coated types are available. The teflon coating on outer bulb prevents glass from shattering when broken
- Operates on approved ballast only
- Check for appropriate control gear.

### DISTRIBUTION CHART





## COLOR ARC - COLOURED TYPES

Code	Description	Watts	Base	Shape	Finish	Colour Temp (K)	Lamp Voltage (V)	Lamp Current (A)	Initial Lumens (Lm)	Rated Av Life	Burning Position	Fig No.
115725	MTD 150V	150	Rx7s	T24	Clear	Blue	95	1.9	4000*	6000	BH±45°	1
115730	MTD 150G	150	Rx7s	T24	Clear	Green	95	1.9	12000*	6000	BH±45°	1
115735	MTD 150R	150	Rx7s	T24	Clear	Magenta	95	1	5000*	6000	BH±45°	1
115740	MTD 150AQUA	150	Rx7s	T24	Clear	50000*	95	1.9	6000*	6000	BH±45°	1
115745	MTD 150AQUA2	150	Rx7s	T24	Clear	20000*	95	1.9	8000*	6000	BH±45°	1
115670	MT 150V	150	E27	T40	Clear	Blue	95	1.9	4000*	6000	Any	2
115675	MT 150G	150	E27	T40	Clear	Green	95	1.9	12000*	6000	Any	2
115680	MT 150R	150	E27	T40	Clear	Magenta	95	1.9	5000*	6000	Any	2
115685	MT 150 AQUA	150	E27	T40	Clear	50000*	95	1.9	6000*	6000	Any	2
115690	MT 150 AQUA2	150	E27	T40	Clear	20000*	95	1.9	8000*	6000	Any	2

T = Tubular, TD = Tubular Double-Ended.

BUH = Base Up Horizontal, BU = Base Up, BD = Base Down, ANY = Any, BUD = Base Up and Down, BH = Horizontal.

Color Arc comes in a range of specialty colour metal halide lamps in either tubular or double-ended types.

### FEATURES

- Aqua types are available for aquatic applications
- Blue, Green and/ or Magenta Tubular lamps for landscape and façade lighting
- Operates on metal halide control gear.

### DISTRIBUTION CHART

