

Atlas

Lighting Products



quick SHIP

**MIX &
MATCH
NO CASE
QUANTITIES
NEEDED
WATTAGES
& TYPES**

Replacement Lamps

METAL HALIDE | MH PULSE START | HIGH PRESSURE SODIUM
COMPACT FLUORESCENT | LINEAR FLUORESCENT | QUARTZ

WATTAGES

50 - 1500 watts Metal Halide

CONSTRUCTION

High Efficacy

Long Life

Medium Base or Mogul Base

Universal Burn Position

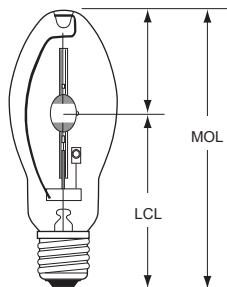


quick SHIP Products

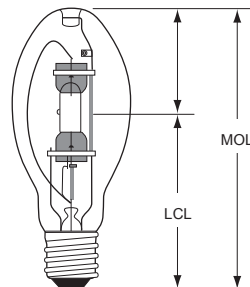
WATT	BULB	CATALOG #	ANSI	LUMENS INITIAL (IM)	MEAN (IM)	DIMENSIONS (IN)		AVG. LIFE (HOURS)	CCT (K)	CRI	FINISH	CASE QTY.
Metal Halide Lamps - Medium Screw Base												
50	ED17	MH50/U/M	M110/E	3400	2000	5.44	3.41	10000V/7500H	4200	70	Clear	12
70	ED17	MH70/U/M	M98/E	5600	4200	5.44	3.41	15000V/10000H	4200	70	Clear	12
100	ED17	MH100/U/M	M90/E	8500	5800	5.44	3.41	15000V/10000H	4200	70	Clear	12
175	ED17	MH175/U/M	M57/E	14000	9300	5.44	3.41	15000V/10000H	4200	70	Clear	12
Metal Halide Lamps - Mogul Screw Base												
175	ED28	MH175/U	M57/E	14400	9300	8.31	5	15000V/10000H	4200	65	Clear	12
250	ED28	MH250/U	M58/E	22000	17000	8.31	5	10000	4000	65	Clear	12
400	ED37	MH400/U	M59/E	38000	25000	11.5	7	20000	4200	65	Clear	12
400	ED28	MH400/U/ED28	M59/E	38000	25000	8.31	5	20000	4200	65	Clear	12
1000	BT56	MH1000/U	M47/E	110000	86000	15.38	9.5	15000	4200	65	Clear	6
1000	BT37	MH1000/U/BT37	M47/E	110000	96000	11.5	7	10000	4200	65	Clear	12
1500	BT56	MH1500/U	M48/E	170000V/153000H	140000V/127400H	15.38	9.5	3000	4000	70	Clear	6
1500	BT56	MH1500/BU	M48/E	170000	140000	15.38	9.5	3000	4000	70	Clear	6
1500	BT56	MH1500/BD	M48/E	167000	140000	15.38	9.5	3000	4000	70	Clear	6
Protected Metal Halide Lamps - Mogul Screw Base												
175	BT28	MH175/BU/P	M57/0	14000	12000	8.31	5	15000V/10000H	4200	70	Clear	12
250	BT28	MH250/BU/P	M58/0	21000	18000	8.31	5	15000V/10000H	4200	70	Clear	12
400	BT37	MH400/BU/P	M59/0	36000	30500	11.5	7	15000V/10000H	4200	70	Clear	12
1000	BT56	MH1000/BU/P	M47/0	107000	85000	15.38	9.5	15000V/10000H	4200	65	Clear	6

Dimensions

Medium



Mogul



Pulse Start *Lamps*

WATTAGES

125 - 1000 watts PS

CONSTRUCTION

High Efficacy

Long Life

Better Color Uniformity

Better Color Performance

Faster Re-Strike Time

Faster Warm-Up Time

Better Lumen Maintenance

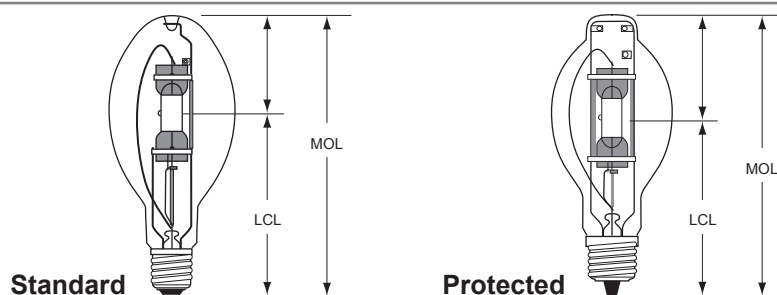
MIX & MATCH
NO CASE QUANTITIES NEEDED
WATTAGES & TYPES



quick SHIP Products

WATT	BULB	CATALOG #	ANSI	LUMENS INITIAL (IM)	MEAN (IM)	DIMENSIONS (IN) MOL LCL		AVG. LIFE (HOURS)	CCT (K)	CRI	FINISH	CASE QTY.
Pulse Start												
125	ED17	MS125/BU-HOR	M150/E	12000	84000	5.4	3.4	15000	4000	65	Clear	12
150	ED17	MS150/U/M	M102/E	14000V/12600H	10500V/9500H	5.44	3.38	10000V/7500H	4200	65	Clear	12
150	ED28	MS150/U	M102/E	14000V/12600H	10500V/9500H	8.31	5	15000V/11250H	4000	65	Clear	6
200	ED17	MS200/BU/M	M136/E	21000	16800	5.44	3.38	12000	4000	65	Clear	12
200	BT28	MS200/BU	M136/E	21000	16800	8.31	5	15000	4000	60	Clear	12
200	ED28	MS200/V	M136/E	21000	16800	8.31	5	15000	4000	65	Clear	12
200	ED28	MS200/H	M136/E	21000	16800	8.31	5	15000	4000	65	Clear	12
250	ED28	MS250/V/ED28	M153/E	25000	20000	8.31	5	15000	4000	65	Clear	12
250	ED28	MS250/H	M153/E	22000	17600	8.31	5	12000	4000	65	Clear	12
320	ED37	MS320/V	M154/E	32000	21000	11.5	7	20000	4300	65	Clear	12
320	ED28	MS320/V/ED28	M154/E	31000	25000	8.31	5	20000	3700	65	Clear	12
320	ED37	MS320/H	M154/E	30000H	19700H	8.31	5	15000H	4300	65	Clear	12
320	BT28	MS320/H/ED28	M154/E	30000H	19700H	8.31	5	15000H	4300	65	Clear	12
350	ED37	MS350/V	M131/E	37000	29000	11.5	7	20000	4000	65	Clear	12
350	ED28	MS350/V/ED28	M131/E	37000	29000	8.31	5	20000	4000	65	Clear	12
400	ED37	MS400/V	M155/E	44000	35000	11.5	7	20000	4000	65	Clear	12
400	ED37	MS400/H	M155/E	40000	32000	11.5	7	20000	4000	65	Clear	12
400	ED28	MS400/V/ED28	M155/E	44000	35000	8.31	5	20000	4000	65	Clear	12
750	BT37	MS750/BU-HOR	M149/E	80000V/68000H	60000V/51000H	11.5	7	16000V/12000H	4000	60	Clear	6
1000	BT37	MS1000/BU	M141/E	115000	86000	11.5	7	15000	4000	65	Clear	6
1000	BT37	MS1000/U/ED37	M141/E	110000V/107800H	96000V/86300H	11.5	7	15000V/9000H	3800	65	Clear	6
Protected Pulse Start												
150	ED17	MP150/U/M/PS	M102/O	13300V/12000H	10000V/9000H	5.4	3.38	10000V/7500H	4200	60	Clear	12
150	ED28	MP150/U/PS	M102/O	13300V/12000H	10000V/9000H	8.31	5	15000V/11250H	4000	65	Clear	12
200	ED28	MP200/V/PS	M136/O	20000	16000	8.31	5	15000	4000	65	Clear	12
250	BT28	MP250/BU/PS	M138/O	23800	19000	8.31	5	15000	4000	60	Clear	12
320	ED37	MP320/BU/PS	M154/O	33000V/29700H	26400V/23800H	8.31	5	20000V/15000H	3000	65	Clear	12
320	ED28	MP320/BU/ED28/PS	M154/O	31000	25000	11.5	7	20000	4000	65	Clear	12
350	ED37	MP350/BU/PS	M131/O	37000V/33300H	29600V/26600H	8.31	5	20000V/15000H	4200	65	Clear	12
350	ED28	MP350/BU/ED28/PS	M131/O	35000	20000	11.5	7	20000	4000	65	Clear	12
400	ED37	MP400/BU/PS	M135/O	44400V/40000H	35200V/32000H	8.31	5	20000V/15000H	4200	65	Clear	12
400	ED28	MP400/BU/ED28/PS	M155/O	41000	33000	8.31	5	20000	4000	65	Clear	12

Dimensions



High Pressure Sodium *Lamps*

WATTAGES

35 - 1000 watts HPS

CONSTRUCTION

High Efficacy

Long Life

Medium or Mogul Base

Universal Burn Position

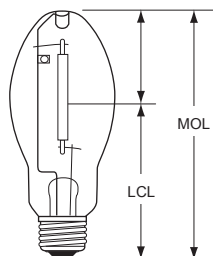


quick SHIP Products

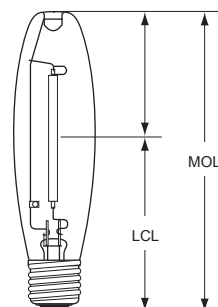
WATT	BULB	CATALOG #	ANSI	LUMENS INITIAL (IM)	MEAN (IM)	DIMENSIONS (IN) MOL LCL		AVG. LIFE (HOURS)	CCT (K)	CRI	FINISH	CASE QTY.
High Pressure Sodium Lamps - Medium Screw Base												
35	ED17	C35S76/M	S76	2250	2025	5.44	3.41	16000	2100	22	Clear	12
50	ED17	C50S68/M	S68	4000	3600	5.44	3.41	24000+	2100	22	Clear	12
70	ED17	C70S62/M	S62	6300	5350	5.44	3.41	24000+	2100	22	Clear	12
100	ED17	C100S54/M	S54	9500	8550	5.44	3.41	24000+	2100	22	Clear	12
150	ED17	C150S55/M	S55	16000	14000	5.44	3.41	24000+	2100	22	Clear	12
High Pressure Sodium Lamps - Mogul Screw Base												
70	ED23.5	C70S62	S62	5800	5050	7.75	5	24000+	2100	22	Clear	12
100	ED23.5	C100S54	S54	8800	7920	7.75	5	24000+	2100	22	Clear	12
150	ED23.5	C150S55	S55	16000	14400	7.75	5	24000+	2100	22	Clear	12
250	ED18	C250S50	S50	28000	27000	9.65	5.7	24000+	2100	22	Clear	12
400	ED18	C400S51	S51	51000	45000	9.65	5.7	24000+	2100	22	Clear	12
1000	ET25	C1000S52	S52	140000	126000	15.06	8.75	24000+	2100	22	Clear	12

Dimensions

Medium



Mogul



Quartz Halogen *Lamps*



WATTAGES

150 - 1500 watts Quartz

CONSTRUCTION

Average Life 2,000 Hours

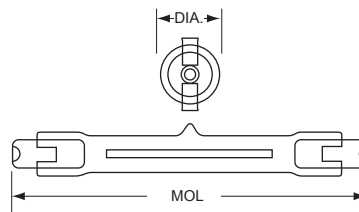
Even Linear Illumination

Enclosed Fixtures

quick *SHIP* Products

WATT	CATALOG #	VOLTAGE	LUMENS (IM)	DIMENSIONS (IN)		AVG. LIFE (HOURS)	CASE QTY.
				MOL	DIA.		
150	150T3QCL120V	110-130	2000	3.08	0.32	2000	10
250	250T3QCL120V	110-130	4500	3.08	0.32	2000	10
250	250QCL/DC/120V	110-130	4850	3.08	0.32	2000	10
300	300T3QCL120V	110-130	4800	4.63	0.32	2000	10
500	500T3QCL120V	110-130	8750	4.63	0.4	2000	10
1000	1000T3QCL130V	110-130	21000	7.45	0.4	2000	10
1000	1000T3QCL240V	220-240	21000	7.45	0.4	2000	10
1500	1500T3QCL130V	110-130	33000	10	0.4	2000	10
1500	1500T3QCL240V	220-240	33000	10	0.4	2000	10

Dimensions



Compact Fluorescent *Lamps*

WATTAGES

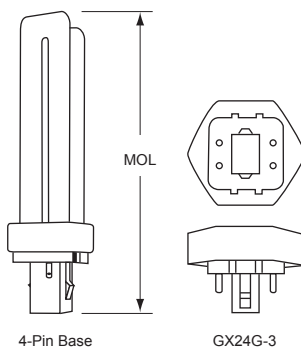
13 - 65 watts Fluorescent



quick *SHIP* Products

WATT	CATALOG #	BASE	LUMENS		DIMENSIONS MOL (IN)	AVG. LIFE (HOURS)	CCT (K)	CASE QTY.
			INITIAL (IM)	MEAN				
Compact Fluorescent								
26	PLT26W/41	GX24G-3	1800	1548	5	12000	4100	10
32	PLT32W/41	GX24G-3	2400	2065	5.52	12000	4100	10
42	PLT42W/41	GX24Q-4	3200	2750	6.42	12000	4100	10
Double Tube 2-pin GX23-2 Base								
13	PLC13W/41	GX23-2	900	720	4.62	10000	3500	10
26	PLC26W/41	GX23-2	1800	1620	6.76	10000	3500	10
Mogul Base Compact Fluorescent								
65	PLF65W	Mogul E39	4300		8.66	8000	6500	

Dimensions



Linear Fluorescent *Lamps*



WATTAGES

32 - 54 watts Fluorescent

CONSTRUCTION

Average Life 20,000 Hours

Energy Efficient

quick *SHIP* Products

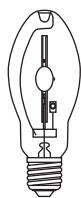
WATT	CATALOG #	APPROX. LUMENS (lm)	DIMENSIONS MOL (IN)	AVG. LIFE (HOURS)	COLOR TEMP (K)	CRI	CASE QTY.
T8 Lamps							
32	F32T8/835	3100	47.76	20000	3500	82	25
32	F32T8/841	3100	47.76	20000	4100	82	25
32	F32T8/850	3100	47.76	20000	5000	82	25
T5 Lamps							
54	F54T5HO/835	4450	45.8	20000	3500	82	40
54	F54T5HO/841	4450	45.8	20000	4100	82	40
54	F54T5HO/850	4450	45.8	20000	5000	82	40

Dimensions

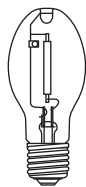


TYPE	LAMP WATTS	BULB TYPE	BASE	DESIGNATION	INITIAL LUMENS	MEAN LUMENS	LIFE (HOURS)
METAL HALIDE	50	ED17	MED	MH50/U/M	3,400	2,700	5,000
	70	ED17	MED	MH70/U/M	5,600	4,200	10,000
	100	ED17	MED	MH100/U/M	7,800	5,600	10,000
	150	ED17	MED	MH150/U/M	13,500	10,100	10,000
	175	ED17/ED28	MED/MOG	MH175/U/	14,000	10,500	10,000
	175	BT28	MOG	MH175/BU/P	14,000	10,200	10,000
	250	ED28	MOG	MH250/U	20,500	15,400	10,000
	250	BT28	MOG	MH250/BU/P	23,000	17,000	20,000
	400	ED37	MOG	MH400/U	36,000	28,800	20,000
	400	ED28	MOG	MH400/U/ED28	36,000	28,000	20,000
	400	BT37	MOG	MH400/BU/P	40,000	26,000	20,000
	1000	BT56	MOG	MH1000/U	110,000	88,000	12,000
	1000	BT37	MOG	MH1000/U/BT37	110,000	86,000	12,000
	1000	BT56	MOG	MH1000/BU/P	107,000	85,500	12,000
	1500	BT56	MOG	MH1500/U	170,000	153,000	3,000
	1500	BT56	MOG	MH1500/BU	170,000	140,000	3,000
	1500	BT56	MOG	MH1500/BD	167,000	140,000	3,000
PULSE START	125	ED17	MED	MS125/BU-HOR	12,000	8,400	15,000
	150	ED17/ED28	MED/MOG	MS150/U	14,000V/12,600H	10,500V/9,500H	15,000V/11,250H
	150	ED17/ED28	MED/MOG	MP150/U/PS	13,300V/12,000H	10,000V/9,000H	15,000V/11,250H
	200	ED17/BT28	MED/MOG	MS200/BU	21,000	16,800	15,000
	200	ED28	MOG	MS200/H	21,000	16,800	15,000
	250	ED28	MOG	MS250/V	25,000	20,000	15,000
	250	ED28	MOG	MS250/H	22,000	17,600	12,000
	250	BT28	MOG	MP250/BU/PS	23,800	19,000	15,000
	320	ED37	MOG	MS320/V	33,000	26,000	20,000
	320	ED28	MOG	MS320/V/ED28	33,000	26,000	20,000
	320	ED28	MOG	MS320/BU-H/ED28	32,000	21,000	20,000
	320	ED37	MOG	MP320/BU/PS	31,000	25,000	20,000
	320	ED28	MOG	MP320/BU/ED28/PS	31,000	25,000	20,000
	350	ED37	MOG	MS350/V	37,000	29,000	20,000
	350	ED28	MOG	MS350/V/ED28	37,000	29,000	20,000
	350	ED37	MOG	MP350/BU/PS	35,000	28,000	20,000
	350	ED28	MOG	MP350/BU/ED28/PS	35,000	28,000	20,000
	400	ED37	MOG	MS400/V	44,000	35,000	20,000
	400	ED37	MOG	MS400/H	40,000	32,000	20,000
	400	ED28	MOG	MS400/V/ED28	44,000	35,000	20,000
	400	ED37	MOG	MP400/BU/PS	41,000	33,000	20,000
	400	ED28	MOG	MP400/BU/ED28/PS	41,000	33,000	20,000
	750	BT37	MOG	MS750/BU-HOR	80,000V/68,000H	60,000V/51,000H	16,000V/12,000H
	1000	BT37	MOG	MS1000/BU	115,000	86,000	15,000
	1000	BT37	MOG	MS1000/U/ED37	110,000V/107,800H	96,000V/86,300H	15,000V/9,000H
HIGH PRESSURE SODIUM	35	ED17	MED	C35S76/M	2,250	2,025	16,000
	50	ED17	MED	C50S68/M	4,000	3,600	24,000+
	70	ED17/ED23.5	MED/MOG	C70S62/M	5,800	5,220	24,000+
	100	ED17/ED23.5	MED/MOG	C100S54/M	9,500	8,850	24,000+
	150	ED17/ED23.5	MED/MOG	C150S55/M	16,000	14,400	24,000+
	250	ED18	MOG	C250S50	27,500	24,750	24,000+
	400	ED18	MOG	C400S51	50,000	45,000	24,000+
QUARTZ	1000	ET25	MOG	C1000S52	140,000	126,000	24,000+
	150	T3	RSC	150T3QCL120V	2,250	2,250	2,000
	250	T3	RSC	250T3QCL120V	4,500	4,500	2,000
	250	T4	DC BAYONET	250QCL/DC/120V	5,000	5,000	2,000
	300	T3	RSC	300T3QCL120V	5,950	5,950	2,000
	500	T3	RSC	500T3QCL120V	8,750	8,750	2,000
	1000	T3	RSC	1000T3QCL240V	21,500	21,500	2,000
LINEAR FLUORESCENT	1500	T3	RSC	1500T3QCL240V	35,800	35,800	2,000
	32	T8	E26/E27	F32T8/741	2,800	2,520	20,000
	32	T8	E26/E27	F32T8/835	3,100	2,790	20,000
	32	T8	E26/E27	F32T8/841	3,100	2,790	20,000
	32	T8	E26/E27	F32T8/850	3,100	2,790	20,000
	54	T5	E26/E27	F54T5HO/835	5,000	4,650	20,000
	54	T5	E26/E27	F54T5HO/841	5,000	4,650	20,000
COMPACT FLUORESCENT	54	T5	E26/E27	F54T5HO/850	5,000	4,650	20,000
	13	T4	GX23-2	PLC13W/41	780	670	10,000
	26	T4	G24D-3	PLC26W/41	1,710	1,550	10,000
	26	T4	GX24Q-3	PLT26W/41	1,800	1,550	12,000
	32	T4	GX24Q-3	PLT32W/41	2,400	2,060	12,000
	42	T4	GX24Q-4	PLT42W/41	3,100	2,750	12,000

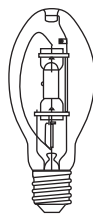
Bulbs



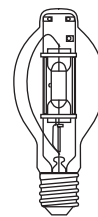
ED17



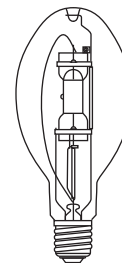
ED23.5



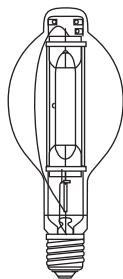
ED28



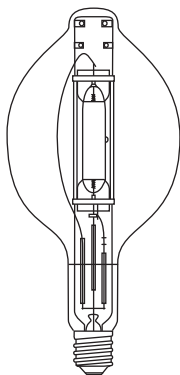
BT28



ED37



BT37



BT56

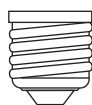


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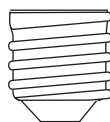


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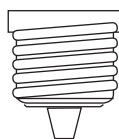
Bases



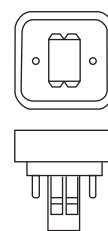
Medium
E26



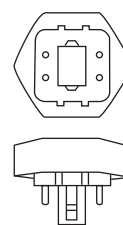
Mogul
E39



Exclusionary
Mogul
EX39

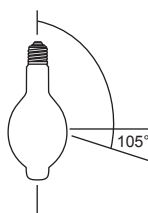


2-Pin
GX23-2



4-Pin
GX24

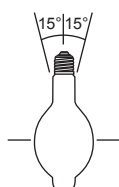
Operating Positions



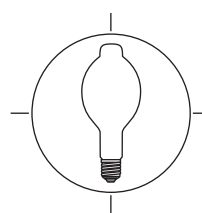
Vertical
BU-HOR



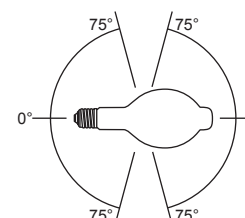
Vertical
BD-ONLY



Vertical
BU-ONLY



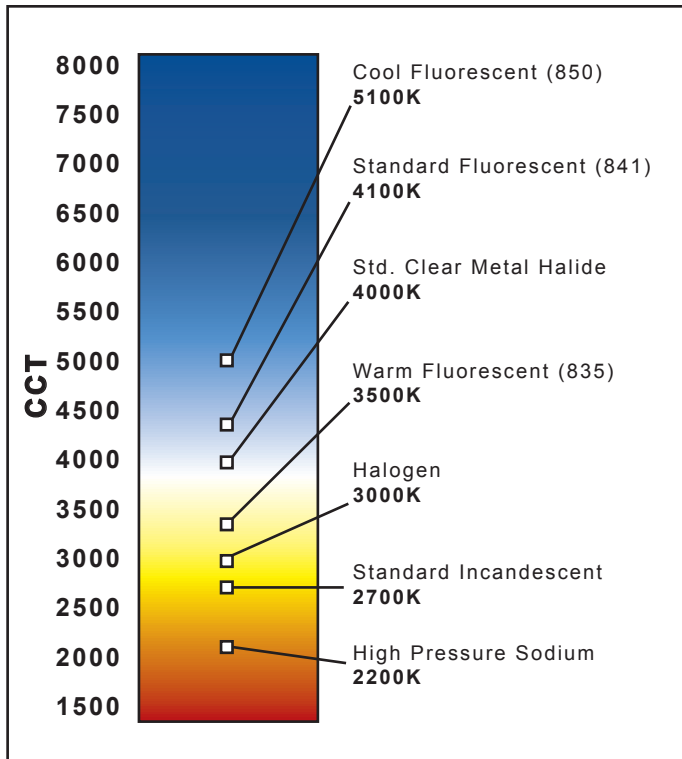
Universal
U



Horizontal
HOR

Lamp *Information*

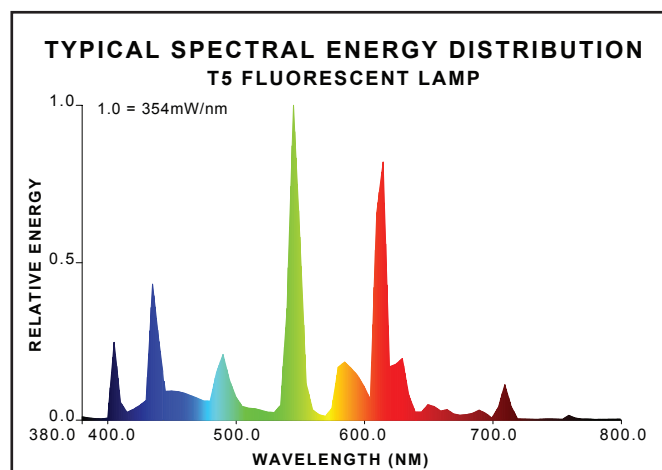
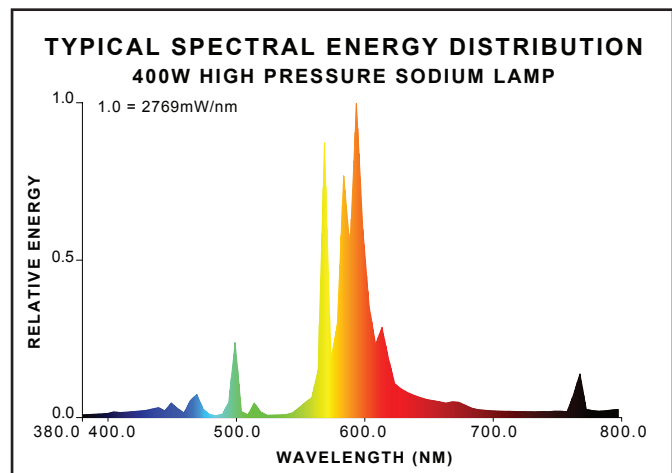
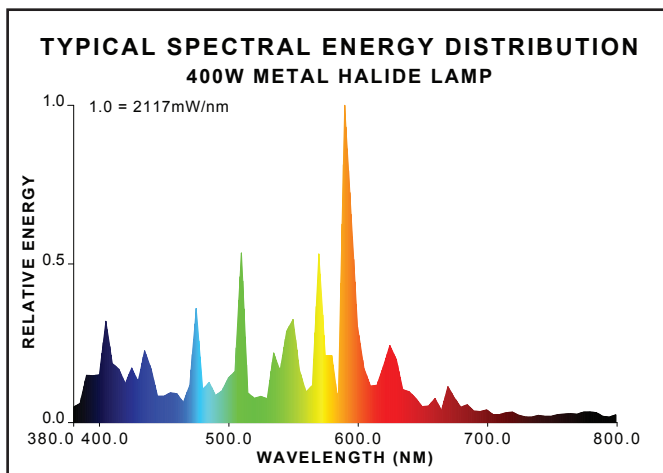
Color Temperature and the Color of Light



Differences in the color makeup of light are measured using the color temperature scale. **Correlated Color Temperature (CCT)**, measured in Kelvin (K), indicates whether a light source has a warm or cool color appearance.

“Warm” light sources have a low color temperature (2000-3000K) and feature more light in the red/orange/yellow range.

“Cool” light sources have a high color temperature (>4000K) and feature more blue light.



Ballasts *Also Available*



**HID Ballast Kits
with & without lamps**
50 - 1500 watts MH | 125 - 400 watts PS
35 - 1000 watts HPS



Electronic Ballasts
T5 | T8 | T12



**Compact Fluorescent
Ballasts**



**Magnetic Sign
Ballasts**

Lamp *Accessories*



Photo Controls

CATALOG #	DESCRIPTION	STD. PKG.
230-009	Twist Lock 120V Photo Control with Lightning / Surge Protection	1
230-005	Twist Lock 240V Photo Control	1
230-014	Twist Lock 120-277V Photo Control	1
230-016	Twist Lock 480V Photo Control	1
230-002	Button 120V Photo Control	1
230-008	Button 208-277V Photo Control	1
230-003	External 120V Photo Control	1
230-013	External 120-277V Photo Control	1
230-004	External 208-277V Photo Control	1
230-015	External 480V Photo Control	1



End Sockets

CATALOG #	DESCRIPTION	STD. PKG.
40SNP	Snap-In Medium Bi-Pin	20
40SCR	Screw-in Medium Bi-Pin	20
96S	Stationary End Slimline	12
96P	Plunger End Slimline	12
960HOS	Stationary End Snap-In HO	12
960HOP	Plunger End Snap-In HO	12
960HOSCRS	Stationary End Screw-In HO	12
960HOSCRP	Plunger End Screw-In HO	12
100-005	T5 Unshunted Socket	12
100-006	T8 Shunted Socket	12



Lamp Holders

CATALOG #	DESCRIPTION	STD. PKG.
90-001	Medium Base, 4KV, Porcelain Socket w/ Leads	6
90-002	Mogul Base, 4KV, Porcelain Socket w/ Leads	3
90-013	Mogul Base, 4KV, Porcelain Socket for Type-O Lamps	3



PO Box 2348 | Burlington, NC 27216
1406 S. Mebane Street | Burlington, NC 27215
800-849-8485 | fax 336-227-0110
www.atlaslightingproducts.com
Atlas Cat. #: 452-110