



# LAMPS



T8 and T5  
TRI-PHOSPHOR  
FLUORESCENT  
LAMPS



COMPACT  
FLUORESCENT  
LAMPS



HIGH PRESSURE  
SODIUM LAMPS



METAL HALIDE  
LAMPS



LOW VOLTAGE  
TUNGSTEN  
HALOGEN LAMPS



TRANSFORMERS

# Lamps

## Tri-phosphor Fluorescent Lamps

### T8 Range

DESCRIPTION	CAT. No.	MANUFACTURER	INITIAL LUMENS	CCT(K)	CRI(Ra)	lm/W	BURNING POSITION	LUMINAIRE TYPE	CAP
18W T8	<a href="#">LMP 8257</a>	Any	1350	3000	>80	75.0	Universal	Open	Bi-pin
18W T8	<a href="#">LMP 9523</a>	Any	1350	3500	>80	75.0	Universal	Open	Bi-pin
18W T8	<a href="#">LMP 9182</a>	Any	1350	4000	>80	75.0	Universal	Open	Bi-pin
18W T8	<a href="#">LMP 10464</a>	Any	1300	6500	>80	72.2	Universal	Open	Bi-pin
36W T8	<a href="#">LMP 8928</a>	Any	3350	3000	>80	93.1	Universal	Open	Bi-pin
36W T8	<a href="#">LMP 8359</a>	Any	3350	3500	>80	93.1	Universal	Open	Bi-pin
36W T8	<a href="#">LMP 8954</a>	Any	3350	4000	>80	93.1	Universal	Open	Bi-pin
58W T8	<a href="#">LMP 8862</a>	Any	5200	3000	>80	89.7	Universal	Open	Bi-pin
58W T8	<a href="#">LMP 9277</a>	Any	5200	3500	>80	89.7	Universal	Open	Bi-pin
58W T8	<a href="#">LMP 8955</a>	Any	5200	4000	>80	89.7	Universal	Open	Bi-pin
70W T8	<a href="#">LMP 10465</a>	Any	6200	3000	>80	90.0	Universal	Open	Bi-pin
70W T8	<a href="#">LMP 8989</a>	Any	6200	3500	>80	90.0	Universal	Open	Bi-pin
70W T8	<a href="#">LMP 10466</a>	Any	6200	4000	>80	90.0	Universal	Open	Bi-pin

### T5 Range

6W T5	<a href="#">LMP 6517</a>	Any	265	3500	>80	44.1	Universal	Open	Bi-pin
8W T5	<a href="#">LMP 6518</a>	Any	470	3500	>80	58.8	Universal	Open	Bi-pin
14W T5 (HE)	<a href="#">LMP 10130</a>	Any	1200	3000	>80	85.7	Universal	Open	Bi-pin
14W T5 (HE)	<a href="#">LMP 10139</a>	Any	1200	3500	>80	85.7	Universal	Open	Bi-pin
14W T5 (HE)	<a href="#">LMP 10131</a>	Any	1200	4000	>80	85.7	Universal	Open	Bi-pin
14W T5 (HE)	<a href="#">LMP 10462</a>	Any	1100	6500	>80	78.6	Universal	Open	Bi-pin
24W T5 (HO)	<a href="#">LMP 11092</a>	Any	1750	3000	>80	72.9	Universal	Open	Bi-pin
24W T5 (HO)	<a href="#">LMP 11478</a>	Any	1750	3500	>80	72.9	Universal	Open	Bi-pin
24W T5 (HO)	<a href="#">LMP 10354</a>	Any	1750	4000	>80	72.9	Universal	Open	Bi-pin
24W T5 (HO)	<a href="#">LMP 11479</a>	Any	1650	6500	>80	68.8	Universal	Open	Bi-pin
28W T5 (HE)	<a href="#">LMP 10173</a>	Any	2600	3000	>80	92.9	Universal	Open	Bi-pin
28W T5 (HE)	<a href="#">LMP 10678</a>	Any	2600	3500	>80	92.9	Universal	Open	Bi-pin
28W T5 (HE)	<a href="#">LMP 10679</a>	Any	2600	4000	>80	92.9	Universal	Open	Bi-pin
28W T5 (HE)	<a href="#">LMP 10463</a>	Any	2400	6500	>80	85.7	Universal	Open	Bi-pin
35W T5 (HE)	<a href="#">LMP 10680</a>	Any	3300	3000	>80	94.3	Universal	Open	Bi-pin
35W T5 (HE)	<a href="#">LMP 10351</a>	Any	3300	3500	>80	94.3	Universal	Open	Bi-pin
35W T5 (HE)	<a href="#">LMP 10352</a>	Any	3300	4000	>80	94.3	Universal	Open	Bi-pin
35W T5 (HE)	<a href="#">LMP 12614</a>	Any	3100	6500	>80	88.6	Universal	Open	Bi-pin
54W T5 (HO)	<a href="#">LMP 10362</a>	Any	4450	3000	>80	82.4	Universal	Open	Bi-pin
54W T5 (HO)	<a href="#">LMP 11480</a>	Any	4450	3500	>80	82.4	Universal	Open	Bi-pin
54W T5 (HO)	<a href="#">LMP 10086</a>	Any	4450	4000	>80	82.4	Universal	Open	Bi-pin
49W T5 (HO)	<a href="#">LMP 10781</a>	Any	4300	3000	>80	87.8	Universal	Open	Bi-pin
49W T5 (HO)	<a href="#">LMP 11482</a>	Any	4300	3500	>80	87.8	Universal	Open	Bi-pin
49W T5 (HO)	<a href="#">LMP 10782</a>	Any	4300	4000	>80	87.8	Universal	Open	Bi-pin
49W T5 (HO)	<a href="#">LMP 11483</a>	Any	4100	6500	>80	83.7	Universal	Open	Bi-pin
80W T5 (HO)	<a href="#">LMP 10898</a>	Any	6150	3000	>80	80.6	Universal	Open	Bi-pin
80W T5 (HO)	<a href="#">LMP 11484</a>	Any	6150	3500	>80	80.6	Universal	Open	Bi-pin
80W T5 (HO)	<a href="#">LMP 10899</a>	Any	6150	4000	>80	80.6	Universal	Open	Bi-pin

## Compact Fluorescent Lamps

DESCRIPTION	CAT. No.	MANUFACTURER	INITIAL LUMENS	CCT(K)	CRI(Ra)	lm/W	BURNING POSITION	LUMINAIRE TYPE	BASE
18W TC-L	<a href="#">LMP 7539</a>	Any	1200	3500	>80	66.7	Universal	Open	4-pin
24W TC-L	<a href="#">LMP 6950</a>	Any	1800	3500	>80	75.0	Universal	Open	4-pin
36W TC-L	<a href="#">LMP 9755</a>	Any	2900	3000	>80	80.6	Universal	Open	4-pin
36W TC-L	<a href="#">LMP 9193</a>	Any	2900	4000	>80	80.6	Universal	Open	4-pin
36W TC-L	<a href="#">LMP 10460</a>	Sylvania	2900	6000	>80	80.6	Universal	Open	4-pin
40W TC-L	<a href="#">LMP 9756</a>	Any	3500	3000	>80	87.5	Universal	Open	4-pin
40W TC-L	<a href="#">LMP 9758</a>	Any	3500	4000	>80	87.5	Universal	Open	4-pin
40W TC-L	<a href="#">LMP 11815</a>	Any	3325	6500	>80	83.1	Universal	Open	4-pin
55W TC-L	<a href="#">LMP 9759</a>	Any	4800	3000	>80	87.3	Universal	Open	4-pin
55W TC-L	<a href="#">LMP 9191</a>	Any	4800	4000	>80	87.3	Universal	Open	4-pin
55W TC-L	<a href="#">LMP10461</a>	Any	4500	6500	>80	82.7	Universal	Open	4-pin
80W TC-L	<a href="#">LMP 12347</a>	Any	6000	3000	>80	75.0	Universal	Open	4-pin
80W TC-L	<a href="#">LMP 12348</a>	Any	6000	4000	>80	75.0	Universal	Open	4-pin
16W 2D	<a href="#">LMP 7333</a>	GE	1050	3500	>80	68.8	Universal	Open	4-pin
21W 2D	<a href="#">LMP 7950</a>	GE	1350	3500	>80	65.5	Universal	Open	4-pin
28W 2D	<a href="#">LMP 7238</a>	GE	2150	3500	>80	80.4	Universal	Open	4-pin
38W 2D	<a href="#">LMP 7637</a>	GE	3000	3500	>80	78.9	Universal	Open	4-pin
55W 2D	<a href="#">LMP 11098</a>	GE	3900	3500	>80	58.2	Universal	Open	4-pin
5W TC-S	<a href="#">LMP 11814</a>	Any	250	3500	>80	53.0	Universal	Open	4-pin
11W TC-S	<a href="#">LMP 9995</a>	Any	900	3500	>80	88.2	Universal	Open	4-pin
11W TC-S	<a href="#">LMP 6893</a>	Any	900	3500	>80	88.2	Universal	Open	2-pin
10W TC-D	<a href="#">LMP 11053</a>	Any	600	4000	>80	60.0	Universal	Open	4-pin
13W TC-D	<a href="#">LMP 10738</a>	Any	900	4000	>80	69.2	Universal	Open	4-pin
26W TC-D	<a href="#">LMP 10511</a>	Any	1800	4000	>80	69.2	Universal	Open	4-pin
13W TC-T	<a href="#">LMP 12211</a>	Any	900	4000	>80	69.2	Universal	Open	4-pin
18W TC-T	<a href="#">LMP 12212</a>	Any	1200	4000	>80	66.7	Universal	Open	4-pin
26W TC-T	<a href="#">LMP 11554</a>	Any	1800	3000	>80	69.2	Universal	Open	4-pin
26W TC-T	<a href="#">LMP 11555</a>	Any	1800	3500	>80	69.2	Universal	Open	4-pin
26W TC-T	<a href="#">LMP 11052</a>	Any	1800	4000	>80	69.2	Universal	Open	4-pin
32W TC-T	<a href="#">LMP 11556</a>	Any	2400	3000	>80	75.0	Universal	Open	4-pin
32W TC-T	<a href="#">LMP 11557</a>	Any	2400	3500	>80	75.0	Universal	Open	4-pin
32W TC-T	<a href="#">LMP 10570</a>	Any	2400	4000	>80	75.0	Universal	Open	4-pin
42W TC-T	<a href="#">LMP 11558</a>	Any	3200	3000	>80	76.2	Universal	Open	4-pin
42W TC-T	<a href="#">LMP 11559</a>	Any	3200	3500	>80	76.2	Universal	Open	4-pin
42W TC-T	<a href="#">LMP 9967</a>	Any	3200	4000	>80	76.2	Universal	Open	4-pin
57W TC-T	<a href="#">LMP 11967</a>	Any	4300	3000	>80	75.4	Universal	Open	4-pin
57W TC-T	<a href="#">LMP 11968</a>	Any	4300	4000	>80	75.4	Universal	Open	4-pin
36W TC-F	<a href="#">LMP 11902</a>	Osram	2800	4000	>80	78.1	Universal	Open	4-pin

## High Pressure Sodium Lamps

DESCRIPTION	CAT. No.	MANUFACTURER	INITIAL LUMENS	CCT(K)	CRI(Ra)	lm/W	BURNING POSITION	LUMINAIRE TYPE	BASE
150W SON-E Plus	<a href="#">LMP 7204</a>	Any	17000	2000	25	11.3	Universal	Open	E40
250W SON-E Plus	<a href="#">LMP 7205</a>	Any	31000	2000	25	124.4	Universal	Open	E40
400W SON-E Plus	<a href="#">LMP 7206</a>	Any	55500	2000	25	138.8	Universal	Open	E40
150W SONDLE	<a href="#">LMP 6380</a>	Any	12500	2150	65	83.3	Universal	Open	E40
250W SONDLE	<a href="#">LMP 6381</a>	Any	22000	2150	65	88.0	Universal	Open	E40
400W SONDLE	<a href="#">LMP 6566</a>	Any	37000	2150	65	92.5	Universal	Open	E40
70W SON-T Plus	<a href="#">LMP 6233</a>	Any	6600	2000	25	94.3	Universal	Open	E27
100W SON-T Plus	<a href="#">LMP 9748</a>	Any	10700	2000	25	107.0	Universal	Open	E40
150W SON-T Plus	<a href="#">LMP 7207</a>	Any	17500	2000	25	116.7	Universal	Open	E40
250W SON-T Plus	<a href="#">LMP 7208</a>	Any	33200	2000	25	132.8	Universal	Open	E40
400W SON-T Plus	<a href="#">LMP 7209</a>	Any	56000	2000	25	141.3	Universal	Open	E40
150W SONDLT	<a href="#">LMP 6773</a>	Any	13000	2150	65	86.7	Universal	Open	E40
250W SONDLT	<a href="#">LMP 6775</a>	Any	23000	2150	65	92.0	Universal	Open	E40
400W SONDLT	<a href="#">LMP 6767</a>	Any	38000	2150	65	95.0	Universal	Open	E40
250W SON-TD	<a href="#">LMP 6625</a>	GE	23000	2000	25	92.0	Horizontal	Open	D/End
400W SON-TD	<a href="#">LMP 6626</a>	GE	43000	2000	25	107.5	Horizontal	Open	D/End
1kW SON-TD	<a href="#">LMP 11276</a>	GE	137000	2000	25	137.0	Horizontal	Open	D/End

# Lamps

## METAL HALIDE LAMP SELECTION

Careful consideration must be given to metal halide lamp/luminaire compatibility. The following points should be checked when choosing suitable lamps.

- 1 **ELECTRICAL COMPATIBILITY** - lamps are generally compatible with either mercury (MBF) or high pressure sodium (SON) ballasts
- 2 **LUMINAIRE TYPE** - certain metal halide lamps are only suitable for use with enclosed luminaires
- 3 **UV REDUCED** - these lamps should be chosen in preference when polycarbonate covers are in use
- 4 **BURNING POSITION** - lamps will only give their optimum performance at their specified burning orientation

IF IN DOUBT CONTACT OUR TECHNICAL DEPARTMENT FOR ADVICE

## Metal Halide Lamps

DESCRIPTION	CAT. No.	MANUFACTURER	INITIAL LUMENS	CCT(K)	CRI(Ra)	lm/W	BURNING POSITION	LUMINAIRE TYPE	BASE
<b>SON Compatible</b>									
70W MBI-UV Reduced	<a href="#">LMP 9961</a>	Venture	5300	4000	65	75.7	Universal	Open	E27
100W MBI-UV Reduced	<a href="#">LMP 11064</a>	Venture	7700	4000	65	77.0	Universal	Open	E27
100W MBI-UV Reduced	<a href="#">LMP 10080</a>	Venture	8500	4000	65	85.0	Universal	Open	E40
150W MBI-UV Reduced	<a href="#">LMP 10081</a>	Venture	13300	4000	65	88.7	Universal	Open	E40
250W MBI-UV Reduced	<a href="#">LMP 10766</a>	Venture	20000	4000	65	80.0	H-BU	Open	E40
400W MBI-UV Reduced	<a href="#">LMP 9795</a>	Venture	40000	3700	70	100.0	Universal	Open	E40
250W MBIF	<a href="#">LMP 6415</a>	Osram	19000	5200	>90	76.0	Universal	Enclosed	E40
400W MBIF	<a href="#">LMP 8278</a>	Osram	31000	5900	>90	77.5	Universal	Enclosed	E40
70W MBI-T	<a href="#">LMP 10069</a>	Venture	5300	4000	65	75.7	Universal	Enclosed	E27
70W MBI-T UV Reduced	<a href="#">LMP 9831</a>	Iwasaki	4500	3500	>90	64.3	Universal	Open	E27
150W MBI-T	<a href="#">LMP 10068</a>	Venture	15000	4500	65	93.3	H-BU	Enclosed	E40
250W MBI-T	<a href="#">LMP 9793</a>	Venture	19000	4000	65	76.0	H-BU	Enclosed	E40
400W MBI-T	<a href="#">LMP 9796</a>	Venture	36000	4000	65	90.0	H-BU	Enclosed	E40
250W MBI-T	<a href="#">LMP 6417</a>	Osram	20000	5400	>90	80.0	Universal	Enclosed	E40
400W MBI-T	<a href="#">LMP 8277</a>	Osram	32000	5200	>90	80.0	Universal	Enclosed	E40
250W MBI UV Reduced MBI-T	<a href="#">LMP 13772</a>	Venture	20000	4000	65	80.0	Horizontal +/- 75	Open	E40
400W MBI UV Reduced MBI-T	<a href="#">LMP 13773</a>	Venture	38000	4000	65	95.0	Horizontal +/- 75	Open	E40
<b>MBF Compatible</b>									
250W HPI-T	<a href="#">LMP 10553</a>	Philips	20500*	4500*	65	82.0	Horizontal	Enclosed	E40
400W HPI-T	<a href="#">LMP 10554</a>	Philips	35000*	4300*	65	87.5	Horizontal	Enclosed	E40
<b>High wattage</b>									
1000W MBIE (BT 120)	<a href="#">LMP 9951</a>	Venture	105000	4000	65	105.0	Universal	Enclosed	E40
1000W MBIF	<a href="#">LMP 10942</a>	Venture	105000	4000	70	105.0	Universal	Enclosed	E40
1000W MBIL	<a href="#">LMP 11346</a>	Venture	80000	5200	65	80.0	Horizontal	Enclosed	D/End
1000W MHN-LA	<a href="#">LMP 10604</a>	Philips	100000	4200	80	100.0	Horizontal	Enclosed	Cable
2000W MHN-LA	<a href="#">LMP 10006</a>	Philips	220000	4200	80	110.0	Horizontal	Enclosed	Cable
* Figures are based on lamp operating with MBF/U control gear.									
<b>Ceramic Metal Halide</b>									
35W CDM-TC	<a href="#">LMP 12964</a>	Philips	3300	3000	>80	82.5	Universal	Enclosed	G8.5
70W CDM-TC	<a href="#">LMP 12965</a>	Philips	6500	3000	>80	91.4	Universal	Enclosed	G8.5
20W CDM-Tm	<a href="#">LMP 13446</a>	Philips	1650	3000	>80	82.5	Universal	Enclosed	PGJ6
35W CDM-Tm	<a href="#">LMP 13724</a>	Philips	3000	3000	>80	85.7	Universal	Enclosed	PGJ5
35W CDM-T	<a href="#">LMP 13568</a>	Osram	3300	3000	>80	102.9	Universal	Enclosed	G12
70W CDM-T	<a href="#">LMP 10568</a>	Philips	6600	3000	>80	94.3	Universal	Enclosed	G12
70W CDM-T	<a href="#">LMP 11101</a>	Philips	6600	4200	>90	94.3	Universal	Enclosed	G12
150W CDM-T	<a href="#">LMP 10569</a>	Philips	14000	3000	>80	93.3	Universal	Enclosed	G12
150W CDM-T	<a href="#">LMP 11102</a>	Philips	12700	4200	>90	84.7	Universal	Enclosed	G12
70W CDM-TD	<a href="#">LMP 10768</a>	Philips	6500	3000	>80	92.9	Horizontal	Enclosed	D/End
70W CDM-TD	<a href="#">LMP 11103</a>	Philips	6000	4200	>90	85.7	Horizontal	Enclosed	D/End
150W CDM-TD	<a href="#">LMP 10769</a>	Philips	13250	3000	>80	88.3	Horizontal	Enclosed	D/End
150W CDM-TD	<a href="#">LMP 11104</a>	Philips	14200	4200	>90	94.7	Horizontal	Enclosed	D/End
70W CDO-TT	<a href="#">LMP 10358</a>	Philips	6300	2800	>80	90.0	Universal	Enclosed	E27
150W CDO-TT	<a href="#">LMP 10359</a>	Philips	13500	2800	>80	90.0	Universal	Enclosed	E40

## Low Voltage Tungsten Halogen Lamps

DESCRIPTION	CAT. No.	MANUFACTURER	INITIAL LUMENS	CCT(K)	CRI(Ra)	lm/W	BURNING POSITION	LUMINAIRE TYPE	BASE
12V 20W GU4 30°	<a href="#">LMP 11081</a>	Any	n/a	2900	100	n/a	Universal	Open	2 Pin
12V 35W GU4 30°	<a href="#">LMP 11187</a>	Any	n/a	2900	100	n/a	Universal	Open	2 Pin
12V 50W GU5.3 36°	<a href="#">LMP 11088</a>	Any	n/a	2900	100	n/a	Universal	Open	2 Pin
12V 45W GU5.3 40°	<a href="#">LMP 13725</a>	Any	n/a	2900	100	n/a	Universal	Open	2 Pin
12V 45W GU5.3 60°	<a href="#">LMP 12596</a>	Any	n/a	2900	100	n/a	Universal	Open	2 Pin

## Tungsten Halogen Lamps

DESCRIPTION	CAT. No.	MANUFACTURER	INITIAL LUMENS	CCT(K)	CRI(Ra)	lm/W	BURNING POSITION	LUMINAIRE TYPE	BASE
205WTH	<a href="#">LMP 6713</a>	Osram	4000	2900	100	20.5	Universal	Open	E27

# Transformers

## Transformers - IP20

TYPE	CAT. No.	RATING	L	H	W	CRS. (mm)	kg
Electronic, dimmable	<a href="#">TRA 18/580</a>	35-75VA	150	35	49	144	0.2
Electronic, dimmable	<a href="#">TRA 18/453</a>	50-155VA	190	41	54	160 x 42	0.4
Electronic, dimmable	<a href="#">TRA 18/215</a>	50-210VA	190	41	54	160 x 42	0.4
LED Driver	<a href="#">LED 13620</a>	11W (350mA)	128	28	37	117	0.6



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