

OCTOBER
2015

TRISTAR

L I G H T I N G & D E S I G N

LAMP CATALOGUE



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LED LAMPS

GOLFBALL

Dimmable Golfball

CODE	LENGTH (mm)	WIDTH / DIA (mm)	(V)	(W)	(Lm)	RATING	CAP	LIFE (hrs)	COLOUR	DESCRIPTION
RND454SESLED	86	43.5	230v	4-25w	250Lm	A	SES	20,000	2700k	CLEAR
RND454SESOLED	86	43.5	230v	4-25w	250Lm	A	SES	20,000	2700k	OPAL
RND454ESCLED	91.5	46.5	230v	4-25w	250Lm	A	ES	20,000	2700k	CLEAR
RND454ESOLED	91.5	46.5	230v	4-25w	250Lm	A	ES	20,000	2700k	OPAL
RND454BCCLED	90	46.5	230v	4-25w	250Lm	A	BC	20,000	2700k	CLEAR



for illustrative purposes only
exact design may vary



CANDLE

Dimmable Candle

CODE	LENGTH (mm)	WIDTH / DIA (mm)	(V)	(W)	(Lm)	RATING	CAP	LIFE (hrs)	COLOUR	DESCRIPTION
4SEPOC35LED	102.5	35.5	230v	4-25w	250Lm	A	SES	20,000	2700k	CLEAR
4SEPOO35LED	102.5	35.5	230v	4-25w	250Lm	A	SES	20,000	2700k	OPAL
4SBCPOC35LED	102.5	35.5	230v	4-25w	250Lm	A	SBC	20,000	2700k	CLEAR



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GLS SHAPE

Master LED Dimmable Bulb

CODE	LENGTH (mm)	WIDTH / DIA (mm)	(V)	(W)	(Lm)	RATING	CAP	LIFE (hrs)	COLOUR	DESCRIPTION
2408ES3KLED	105.4	56.7	230v	8-40w	470Lm	A	ES	25,000	2700k	GLOW
2408BC3KLED	104.2	56.7	230v	8-40w	470Lm	A	BC	25,000	2700k	GLOW
24012ES3KLED	108	58	230v	12-60w	806Lm	A	ES	25,000	2700k	GLOW
24013ES3KLED	127.2	61	230v	13-75w	1055Lm	A	ES	25,000	2700k	GLOW
24013ES3KLED	127.2	60	230v	13-75w	1055Lm	A	BC	25,000	2700k	GLOW



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MR11

Master LEDspot MR11 Colour 24 Degree

CODE	LENGTH (mm)	WIDTH / DIA (mm)	(V)	(W)	(Cd)	DIMM	CAP	LIFE (hrs)	COLOUR
M251LED827	40	35	12v	4-20w	580Cd	No	GU4	30,000	Warm White
M251LED830	40	35	12v	4-20w	650Cd	No	GU4	30,000	White
M251LED840	40	35	12v	4-20w	700Cd	No	GU4	30,000	Cool White



2D LED

2D 4 pin LED

CODE	LENGTH (mm)	WIDTH / DIA (mm)	(V)	(W)	(Lm)	CAP	LIFE (hrs)	COLOUR
2D14LEDGR10835	209	29	240v	14w	1120Lm	GT10Q	30,000	3000k
NET.2D.BH.15W	327	110	100-240v	16w	1700Lm		50,000	6000k
NET.2D.BH.EM.15W	327	110	100-240v	16w	1700/250Lm		50,000	6000k



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LED LAMPS

GU10

Master LEDspot GU10 Dimmable 25 & 40 Degree

CODE	LENGTH (mm)	WIDTH / DIA (mm)	(V)	(W)	(Lm)	RATING	CAP	LIFE (hrs)	COLOUR
PAR504GU10FLLEDWW	55	50	230v	4-35w	180Lm/25°	A	GU10	25,000	Warm White
PAR504GU10FLLED3K	55	50	230v	4-35w	180Lm/25°	A	GU10	25,000	White
PAR504GU10FLLED4K	55	50	230v	4-35w	200Lm/25°	A	GU10	25,000	Cool White
PAR504GU10WFLLEDWW	55	50	230v	4-35w	180Lm/25°	A	GU10	25,000	Warm White
PAR504GU10WFLLED3K	55	50	230v	4-35w	180Lm/25°	A	GU10	25,000	White
PAR504GU10WFLLED4K	55	50	230v	4-35w	200Lm/25°	A	GU10	25,000	Cool White
PAR506GU10FLLEDWW	55	50	230v	6-50w	300Lm/25°	A	GU10	40,000	Warm White
PAR506GU10FLLED3K	55	50	230v	6-50w	320Lm/25°	A	GU10	40,000	White
PAR506GU10FLLED4K	55	50	230v	6-50w	320Lm/25°	A	GU10	40,000	Cool White
PAR506GU10WFLLEDWW	55	50	230v	6-50w	300Lm/25°	A	GU10	40,000	Warm White
PAR506GU10WFLLED3K	55	50	230V	6-50w	320Lm/25°	A	GU10	40,000	White
PAR506GU10WFLLED4K	55	50	230v	6-50w	320Lm/25°	A	GU10	40,000	Cool White
PAR508GU10FLLEDWW	80	50	230v	8-50w	430Lm/25°	A	GU10	40,000	Warm White
PAR508GU10FLLED3K	80	50	230v	8-50w	470Lm/25°	A	GU10	40,000	White
PAR508GU10FLLED4K	80	50	230v	8-50w	490Lm/25°	A	GU10	40,000	Cool White
PAR508GU10WFLLEDWW	80	50	230v	8-50w	470Lm/25°	A	GU10	40,000	Warm White
PAR508GU10WFLLED3K	80	50	230v	8-50w	430Lm/40°	A	GU10	40,000	White
PAR508GU10WFLLED4K	80	50	230v	8-50w	490Lm/40°	A	GU10	40,000	Cool White



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MR16

Master LEDspot MR16 Colour 15 & 24 Degree

CODE	LENGTH (mm)	WIDTH / DIA (mm)	(V)	(W)	(Lm)	CAP	DIMM	LIFE (hrs)	COLOUR
M294LED827	50	47.8	12v	4-20w	210Lm/24°	GU5.3	No	45,000	Warm White
M294LED830	50	47.8	12v	4-20w	220Lm/24°	GU5.3	No	45,000	Warm White
M294LED840	50	47.8	12v	4-20w	240Lm/24°	GU5.3	No	45,000	Cool White
M269LED827	50	47.8	12v	4-20w	210Lm/36°	GU5.3	No	45,000	Warm White
M269LED830	50	47.8	12v	4-20w	220Lm/36°	GU5.3	No	45,000	White
M269LED840	50	47.8	12v	4-20w	240Lm/36°	GU5.3	No	45,000	Cool White
M270LED827	50	54	12v	7-35w	370Lm/24°	GU5.3	Yes	40,000	Warm White
M270LED830	50	54	12v	7-35w	380Lm/24°	GU5.3	Yes	40,000	White
M270LED840	50	54	12v	7-35w	385Lm/ 24°	GU5.3	Yes	40,000	Cool White
M281LED827	50	54	12v	7-35w	380Lm/36°	GU5.3	Yes	40,000	Warm White
M281LED840	50	54	12v	7-35w	410Lm/36°	GU5.3	Yes	40,000	Cool White
M250LED827	50	54	12v	10-50w	470Lm/24°	GU5.3	Yes	30,000	Warm White
M250LED830	50	54	12v	10-50w	490Lm/24°	GU5.3	Yes	30,000	White
M250LED840	50	54	12v	10-50w	495Lm/24°	GU5.3	Yes	30,000	Cool White
M258LED827	50	54	12v	10-50w	470Lm/24°	GU5.3	Yes	30,000	Warm White
M258LED830	50	54	12v	10-50w	490Lm/24°	GU5.3	Yes	30,000	White
M258LED840	50	54	12v	10-50w	495Lm/24°	GU5.3	Yes	30,000	Cool White



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LED LAMPS

AR111

AR111 LED Reflector Floor Colour 25 & 40 Degree

CODE	LENGTH (MM)	WIDTH / DIA (MM)	(V)	(W)	(Lm)	CAP	DIMM	LIFE (HRS)	COLOUR
AR11110SPLED827	56	111	12v	10-50w	450Lm/24°	G53	Yes	40,000	Warm White
AR11110SPLED830	56	111	12v	10-50w	620Lm/24°	G53	Yes	40,000	White
AR11110FLED827	56	111	12v	10-50w	610Lm/40°	G53	Yes	40,000	Warm White
AR11110FLED830	56	111	12v	10-50w	580Lm/40°	G53	Yes	40,000	White
AR11115SPLED827	56	111	12v	15-75w	800Lm/24°	G53	Yes	40,000	Warm White
AR11115SPLED830	56	111	12v	15-75w	840Lm/24°	G53	Yes	40,000	White
AR11115FLED827	56	111	12v	15-75w	760Lm/40°	G53	Yes	40,000	Warm White
AR11115FLED830	56	111	12v	15-75w	800Lm/40°	G53	Yes	40,000	White



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LV

LV LED Capsule One Direction & Multi Direction

CODE	LENGTH (MM)	WIDTH / DIA (MM)	(V)	(W)	(Lm)	CAP	DIMM	LIFE (HRS)	COLOUR
M47LED	40	20	12v	3-20w	153Lm	G4	No	20,000	2700k
G4LED/OM/CW		22	10-30v	1-5w	105Lm	G4	No	30,000	6400k
G4LED/OM/WW		22	10-30v	1-5w	75Lm	G4	No	30,000	3000k
G4LED/UN/BLU		30	10-30v	2.2w	n/a	G4	No	30,000	Blue
G4LED/UN/CW		30	10-30v	2.2w	96Lm	G4	No	30,000	6400k
G4LED/UN/WW		30	10-30v	2.2w	84Lm	G4	No	30,000	3000k

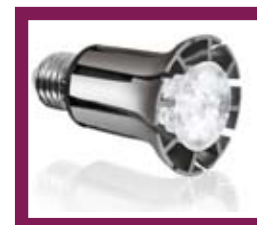


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R50

R50 LED Reflector 36 Degree

CODE	LENGTH (MM)	WIDTH / DIA (MM)	(V)	(W)	(Lm)	CAP	DIMM	LIFE (HRS)	COLOUR
R505SESLEDFL27	82.9	50.2	240v	5w	220Lm/35°	SES	Yes	25,000	2700k
PAR206.5ESLED27	90.2	63.7	240v	6.5/50w	430Lm/25°	ES	Yes	40,000	2700k
PAR206.5ESLEDFL27	90.2	63.7	240v	6.5/50w	430Lm/40°	ES	Yes	40,000	2700k
PAR206.5ESLED3K	90.2	63.7	240v	6.5/50w	450Lm/25°	ES	Yes	40,000	3000k
PAR206.5ESLEDFL3K	90.2	63.7	240v	6.5/50w	450Lm/40°	ES	Yes	40,000	3000k
PAR206.5ESLED4K	90.2	63.7	240v	6.5/50w	460Lm/25°	ES	Yes	40,000	4000k
PAR206.5ESLEDFL4K	90.2	63.7	240v	6.5/50w	460Lm/40°	ES	Yes	40,000	4000k
PAR309.5ESLED27	94.1	92	240v	9.5/75w	650Lm/25°	ES	Yes	40,000	2700k
PAR309.5ESLED4K	94.1	92	240v	9.5/75w	750Lm/25°	ES	Yes	40,000	4000k
PAR3814ESLED27	136.4	121.3	240v	14.5/100w	900Lm/25°	ES	Yes	40,000	2700k
PAR3016ESLED270D	131	121.5	240v	16w	600Lm	ES	No	40,000	2700k



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LED LAMPS

T5

T5 LED Tube

CODE	LENGTH (MM)	WIDTH / DIA (MM)	(V)	(W)	(Lm)	CAP	LIFE (HRS)	COLOUR
NET.288.6W.PW.MK-T5	288	22	100-240v	6w	480Lm	G5	50,000	5500k
NET549.10W.PW.MK-T5	549	22	100-240v	10w	950Lm	G5	50,000	5500k
NET.849.12W.PW.MK-T5	849	22	100-240v	12w	1050Lm	G5	50,000	5500k
NET1148.15W.PW.MK-T5	1149	22	100-240v	15w	1450Lm	G5	50,000	5500k
NET1449.20W.PW.MK-T5	1449	22	100-240v	20w	1449Lm	G5	50,000	5500k



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T8

Master LED Tube

CODE	LENGTH (MM)	WIDTH / DIA (MM)	(V)	(W)	(Lm)	CAP	LIFE (HRS)	COLOUR
NET600.10W.PW.MK	600 (2ft)	29	100-240v	10w	950Lm	G13	50,000	5500k
NET900.12W.PW.MK	900 (3ft)	29	100-240v	12w	1200Lm	G13	50,000	5500k
NET1200.18W.PW.MK	1200 (4ft)	29	100-240v	18w	1800Lm	G13	50,000	5500k
NET1500.22.PW.MK	1500 (5ft)	29	100-240v	22w	2250Lm	G13	50,000	5500k
NET1800.32.PW.MK	1800 (6ft)	29	100-240v	32w	2850Lm	G13	50,000	5500k
NET2400.35W.PW.MK	2400 (8ft)	29	100-240v	35w	3300Lm	G13	50,000	5500k
F210LED840	600 (2ft)	28	100-240v	10w	1050Lm	G13	50,000	4000k
F210LED865	600 (2ft)	28	100-240v	10w	1050Lm	G13	50,000	6500k
F315LED840	900 (3ft)	28	100-240v	15w	1265Lm	G13	40,000	4000k
F315LED865	900 (3ft)	28	100-240v	15w	1265Lm	G13	40,000	6500k
F421LED840	1200 (4ft)	28	100-240v	21w	2100Lm	G13	50,000	4000k
F421LED865	1200 (4ft)	28	100-240v	21w	2100Lm	G13	50,000	6500k
F531LED840	1500 (5ft)	28	100-240v	24w	3100Lm	G13	50,000	4000k
F531LED865	1500 (5ft)	28	100-240v	24w	3100Lm	G13	50,000	6500k



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LED Panel

LED Panel

CODE	LENGTH (MM)	WIDTH / DIA (MM)	(V)	(W)	(Lm)	CAP	LIFE (HRS)	COLOUR
NET PNL.40W.4500K-ND	595	595	100-240v	40w	3200Lm		50,000	4500k
NET PNL.40W.5500K	595	595	100-240v	40w	3200Lm		50,000	5500k
NET PNL.40W.1200x300-ND	1195	295	100-240v	40w	3200Lm		50,000	5500k
NET PNL.76W.1200x600	1195	595	100-240v	76w	5600Lm		50,000	5500k
NET PNL-SK	Panel suspension kit							
NET PNL.SURFACE KIT	Surface mounting kit							
NET 3H.PNL.EMKIT.NST	3 hour emergency kit for LED panel fitting							



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LED Drivers

Constant Current

CODE	LENGTH (MM)	WIDTH / DIA (MM)	(MA)	(W)	DIMMING TYPE	DIMM
LVTRALED3CC			350	3w		No
LVTRALED3510			350	10w		No
LVTRALED16T			350	16w		No
LVTRALED3520			350	20w		No
PCD-25-350			350	25w	Mains Dimming	Yes
DC/JOLLY/MD			Multi		Mains Dimming	Yes



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When replacing fluorescent lamps with LED tubes, in some cases the electrical installation has to be changed. The fluorescent starter must be removed before replacing the lamp. For maximum energy saving also disconnect the ballast.

If low voltage lamps are used with an electronic transformer, only one LED lamp can be used per transformer. Light output & lamp life may be reduced if used with electronic transformer rather than a constant voltage LED driver.

COMPACT FLUORESCENT

CFS 2 PIN

CF-S 2 Pin

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
CFS5827	105mm			5w	265Lm	G23 2-PIN	10,000	WARM WHITE
CFS5830	105mm			5w	265Lm	G23 2-PIN	10,000	WARM WHITE
CFS5835	105mm			5w	265Lm	G23 2-PIN	10,000	WHITE
CFS5840	105mm			5w	265Lm	G23 2-PIN	10,000	COOL WHITE
CFS5860	105mm			5w	265Lm	G23 2-PIN	10,000	DAYLIGHT
CFS7827	135mm			7w	425Lm	G23 2-PIN	10,000	WARM WHITE
CFS7830	135mm			7w	425Lm	G23 2-PIN	10,000	WARM WHITE
CFS7835	135mm			7w	425Lm	G23 2-PIN	10,000	WHITE
CFS7840	135mm			7w	425Lm	G23 2-PIN	10,000	COOL WHITE
CFS7860	135mm			7w	425Lm	G23 2-PIN	10,000	DAYLIGHT
CFS9827	165mm			9w	600Lm	G23 2-PIN	10,000	WARM WHITE
CFS9830	165mm			9w	600Lm	G23 2-PIN	10,000	WARM WHITE
CFS9835	165mm			9w	600Lm	G23 2-PIN	10,000	WHITE
CFS9840	165mm			9w	600Lm	G23 2-PIN	10,000	COOL WHITE
CFS9860	165mm			9w	600Lm	G23 2-PIN	10,000	DAYLIGHT
CFS11827	235mm			11w	900Lm	G23 2-PIN	10,000	WARM WHITE
CFS11830	235mm			11w	900Lm	G23 2-PIN	10,000	WARM WHITE
CFS11835	235mm			11w	900Lm	G23 2-PIN	10,000	WHITE
CFS11840	235mm			11w	900Lm	G23 2-PIN	10,000	COOL WHITE
CFS11860	235mm			11w	900Lm	G23 2-PIN	10,000	DAYLIGHT
CFS9RED	165mm			9w		G23 2-PIN	10,000	RED
CFS9AMB	165mm			9w		G23 2-PIN	10,000	AMBER
CFS9YEL	165mm			9w		G23 2-PIN	10,000	YELLOW
CFS11RED	235mm			11w		G23 2-PIN	10,000	RED



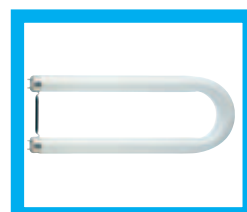
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U TUBES

"U" Tube

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
FU18830	310	22mm		18	96Lm	2G13	30,000	WARM WHITE
FU18840	310	22mm		18	84Lm	2G13	30,000	COOL WHITE
FU36830	607	22mm		36		2G13	30,000	WARM WHITE
FU36840	607	22mm		36		2G13	30,000	COOL WHITE
FU58830	765	31mm		58	160Lm	2G13	30,000	WARM WHITE
FU58840	765	31mm		58	140Lm	2G13	30,000	COOL WHITE
FU20BL368		31mm		20		2xG13	30,000	FLYKILLER



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COMPACT FLUORESCENT

CFSE 4 PIN

CF-S E 4 Pin

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
CFSE5827	85mm			5	265	2G7 4-PIN	10,000	WARM WHITE
CFSE5830	85mm			5	265	2G7 4-PIN	10,000	WARM WHITE
CFSE5835	85mm			5	265	2G7 4-PIN	10,000	WHITE
CFSE5840	85mm			5	265	2G7 4-PIN	10,000	COOL WHITE
CFSE7827	115mm			7	425	2G7 4-PIN	10,000	WARM WHITE
CFSE7830	115mm			7	425	2G7 4-PIN	10,000	WARM WHITE
CFSE7835	115mm			7	425	2G7 4-PIN	10,000	WHITE
CFSE7840	115mm			7	425	2G7 4-PIN	10,000	COOL WHITE
CFSE9827	145mm			9	600	2G7 4-PIN	10,000	WARM WHITE
CFSE9830	145mm			9	600	2G7 4-PIN	10,000	WARM WHITE
CFSE9835	145mm			9	600	2G7 4-PIN	10,000	WHITE
CFSE9840	145mm			9	600	2G7 4-PIN	10,000	COOL WHITE
CFSE11827	215mm			11	900	2G7 4-PIN	10,000	WARM WHITE
CFSE11830	215mm			11	900	2G7 4-PIN	10,000	WARM WHITE
CFSE11835	215mm			11	900	2G7 4-PIN	10,000	WHITE
CFSE11840	215mm			11	900	2G7 4-PIN	10,000	COOL WHITE



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CFF 4 PIN

PL-F "Flat"

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
CFF18827	122mm	22mm		18		2G10 4-PIN	30,000	WARM WHITE
CFF18830	122mm	22mm		18		2G10 4-PIN	30,000	WARM WHITE
CFF18840	122mm	22mm		18		2G10 4-PIN	30,000	COOL WHITE
CFF24827	165mm	22mm		24		2G10 4-PIN	30,000	WARM WHITE
CFF24830	165mm	31mm		24		2G10 4-PIN	30,000	WARM WHITE
CFF24840	165mm	31mm		24		2G10 4-PIN	30,000	COOL WHITE
CFF36827	217mm	31mm		36		2G10 4-PIN	30,000	WARM WHITE
CFF36830	217mm	31mm		36		2G10 4-PIN	30,000	WARM WHITE
CFF36840	217mm	12mm		36		2G10 4-PIN	30,000	COOL WHITE



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COMPACT FLUORESCENT

CFL 4 PIN

CFL Long

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
CFL18827	225mm			18	1250	2G11 4-PIN	10,000	WARM WHITE
CFL18830	225mm			18	1250	2G11 4-PIN	10,000	WARM WHITE
CFL18835	225mm			18	1250	2G11 4-PIN	10,000	WHITE
CFL18840	225mm			18	1250	2G11 4-PIN	10,000	COOL WHITE
CFL18860	225mm			18	1250	2G11 4-PIN	10,000	DAYLIGHT
CFL24827	320mm			24	1800	2G11 4-PIN	10,000	WARM WHITE
CFL24830	320mm			24	1800	2G11 4-PIN	10,000	WARM WHITE
CFL24835	320mm			24	1800	2G11 4-PIN	10,000	WHITE
CFL24840	320mm			24	1800	2G11 4-PIN	10,000	COOL WHITE
CFL24860	320mm			24	1800	2G11 4-PIN	10,000	DAYLIGHT
CFL34830	535mm			34	2800	2G11 4-PIN	10,000	WARM WHITE
CFL34835	535mm			34	2800	2G11 4-PIN	10,000	WHITE
CFL34840	535mm			34	2800	2G11 4-PIN	10,000	COOL WHITE
CFL36827	415mm			36	2900	2G11 4-PIN	10,000	WARM WHITE
CFL36830	415mm			36	2900	2G11 4-PIN	10,000	WARM WHITE
CFL36835	415mm			36	2900	2G11 4-PIN	10,000	WHITE
CFL36840	415mm			36	2900	2G11 4-PIN	10,000	COOL WHITE
CFL36860					2900	2G11 4-PIN	10,000	DAYLIGHT
CFL40827	535mm			40	3500	2G11 4-PIN	20,000	WARM WHITE
CFL40830	535mm			40	3500	2G11 4-PIN	20,000	WARM WHITE
CFL40835	535mm			40	3500	2G11 4-PIN	20,000	WHITE
CFL40840	535mm			40	3500	2G11 4-PIN	20,000	COOL WHITE
CFL40860	535mm			40	3500	2G11 4-PIN	20,000	DAYLIGHT
CFL55827	535mm			55	4800	2G11 4-PIN	20,000	WARM WHITE
CFL55830	535mm			55	4800	2G11 4-PIN	20,000	WARM WHITE
CFL55835	535mm			55	4800	2G11 4-PIN	20,000	WHITE
CFL55840	535mm			55	4800	2G11 4-PIN	20,000	COOL WHITE
CFL55860	535mm			55	4800	2G11 4-PIN	20,000	DAYLIGHT
CFL80830	568mm			80	6000	2G11 4-PIN	20,000	WARM WHITE
CFL80835	568mm			80	6000	2G11 4-PIN	20,000	WHITE
CFL80840	568mm			80	6000	2G11 4-PIN	20,000	COOL WHITE



for illustrative purposes only
exact design may vary



COMPACT FLUORESCENT

CFD 2 PIN

CF-D Cluster

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
CFD10827	109mm			10	600	G24d-1 2-PIN	12,000	WARM WHITE
CFD10830	109mm			10	600	G24d-1 2-PIN	12,000	WARM WHITE
CFD10835	109mm			10	600	G24d-1 2-PIN	12,000	WHITE
CFD10840	109mm			10	600	G24d-1 2-PIN	12,000	COOL WHITE
CFD10860	109mm			10	600	G24d-1 2-PIN	12,000	DAYLIGHT
CFD13827	134mm			13	900	G24d-1 2-PIN	12,000	WARM WHITE
CFD13830	134mm			13	900	G24d-1 2-PIN	12,000	WARM WHITE
CFD13835	134mm			13	900	G24d-1 2-PIN	12,000	WHITE
CFD13840	134mm			13	900	G24d-1 2-PIN	12,000	COOL WHITE
CFD13860	134mm			13	900	G24d-1 2-PIN	12,000	DAYLIGHT
CFD18827	154mm			18	1200	G24d-2 2-PIN	12,000	WARM WHITE
CFD18830	154mm			18	1200	G24d-2 2-PIN	12,000	WARM WHITE
CFD18835	154mm			18	1200	G24d-2 2-PIN	12,000	WHITE
CFD18840	154mm			18	1200	G24d-2 2-PIN	12,000	COOL WHITE
CFD18860	154mm			18	1200	G24d-2 2-PIN	12,000	DAYLIGHT
CFD26827	182mm			26	1800	G24d-3 2-PIN	12,000	WARM WHITE
CFD26830	182mm			26	1800	G24d-3 2-PIN	12,000	WARM WHITE
CFD26835	182mm			26	1800	G24d-3 2-PIN	12,000	WHITE
CFD26840	182mm			26	1800	G24d-3 2-PIN	12,000	COOL WHITE
CFD26860	182mm			26	1800	G24d-3 2-PIN	12,000	DAYLIGHT



for illustrative purposes only
exact design may vary



CFDE 4 PIN

CL-DE Cluster

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
CFDE10827	101mm			10	600	G24q-1 4-PIN	20,000	WARM WHITE
CFDE10830	101mm			10	600	G24q-1 4-PIN	20,000	WARM WHITE
CFDE10835	101mm			10	600	G24q-1 4-PIN	20,000	WHITE
CFDE10840	101mm			10	600	G24q-1 4-PIN	20,000	COOL WHITE
CFDE13827	126mm			13	900	G24q-1 4-PIN	20,000	WARM WHITE
CFDCE13830	126mm			13	900	G24q-1 4-PIN	20,000	WARM WHITE
CFDE13835	126mm			13	900	G24q-1 4-PIN	20,000	WHITE
CFDE13840	126mm			13	900	G24q-1 4-PIN	20,000	COOL WHITE
CFDE18827	146mm			18	1200	G24q-2 4-PIN	20,000	WARM WHITE
CFDE18830	146mm			18	1200	G24q-2 4-PIN	20,000	WARM WHITE
CFDE18835	146mm			18	1200	G24q-2 4-PIN	20,000	WHITE
CFDE18840	146mm			18	1200	G24q-2 4-PIN	20,000	COOL WHITE
CFDE26827	174mm			26	1800	G24q-3 4-PIN	20,000	WARM WHITE
CFDE26830	174mm			26	1800	G24q-3 4-PIN	20,000	WARM WHITE
CFDE26835	174mm			26	1800	G24q-3 4-PIN	20,000	WHITE
CFDE26840	174mm			26	1800	G24q-3 4-PIN	20,000	COOL WHITE



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CFT 2 PIN

CF-T Triple

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (hrs)	DESCRIPTION
CFT13827	116mm			13	265Lm	GX24d-1 2-PIN	10,000	WARM WHITE
CFT13830	116mm			13	265Lm	GX24d-1 2-PIN	10,000	WARM WHITE
CFT13835	116mm			13	265Lm	GX24d-1 2-PIN	10,000	WHITE
CFT13840	116mm			13	265Lm	GX24d-1 2-PIN	10,000	COOL WHITE
CFT13865	116mm			13	265Lm	GX24d-1 2-PIN	10,000	DAYLIGHT
CFT18827	126mm			18	425Lm	GX24d-2 2-PIN	10,000	WARM WHITE
CFT18830	126mm			18	425Lm	GX24d-2 2-PIN	10,000	WARM WHITE
CFT18835	126mm			18	425Lm	GX24d-2 2-PIN	10,000	WHITE
CFT18840	126mm			18	425Lm	GX24d-2 2-PIN	10,000	COOL WHITE
CFT18865	126mm			18	425Lm	GX24d-2 2-PIN	10,000	DAYLIGHT
CFT26827	139mm			26	600Lm	GX24d-3 2-PIN	10,000	WARM WHITE
CFT26830	139mm			26	600Lm	GX24d-3 2-PIN	10,000	WARM WHITE
CFT26835	139mm			26	600Lm	GX24d-3 2-PIN	10,000	WHITE
CFT26840	139mm			26	600Lm	GX24d-3 2-PIN	10,000	COOL WHITE
CFT26865	139mm			26	600Lm	GX24d-3 2-PIN	10,000	DAYLIGHT



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CFTE 4-PIN

CF-TE Triple

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (hrs)	DESCRIPTION
CFTE13827	108mm			13	900	GX24q-1 4-PIN	20,000	WARM WHITE
CFTE13830	108mm			13	900	GX24q-1 4-PIN	20,000	WARM WHITE
CFTE13835	108mm			13	900	GX24q-1 4-PIN	20,000	WHITE
CFTE13840	108mm			13	900	GX24q-1 4-PIN	20,000	COOL WHITE
CFTE18827	123mm			18	1200	GX24q-2 4-PIN	20,000	WARM WHITE
CFTE18830	123mm			18	1200	GX24q-2 4-PIN	20,000	WARM WHITE
CFTE18835	123mm			18	1200	GX24q-2 4-PIN	20,000	WHITE
CFTE18840	123mm			18	1200	GX24q-2 4-PIN	20,000	COOL WHITE
CFTE26827	133mm			26	1800	GX24q-3 4-PIN	20,000	WARM WHITE
CFTE26830	133mm			26	1800	GX24q-3 4-PIN	20,000	WARM WHITE
CFTE26835	133mm			26	1800	GX24q-3 4-PIN	20,000	WHITE
CFTE26840	133mm			26	1800	GX24q-3 4-PIN	20,000	COOL WHITE
CFTE32827	141mm			32	2400	GX24q-3 4-PIN	20,000	WARM WHITE
CFTE32830	141mm			32	2400	GX24q-3 4-PIN	20,000	WARM WHITE
CFTE32835	141mm			32	2400	GX24q-3 4-PIN	20,000	WHITE
CFTE32840	141mm			32	2400	GX24q-3 4-PIN	20,000	COOL WHITE
CFTE42830	163mm			42	3200	GX24q-4 4-PIN	20,000	WARM WHITE
CFTE42835	163mm			42	3200	GX24q-4 4-PIN	20,000	WHITE
CFTE42840	163mm			42	3200	GX24q-4 4-PIN	20,000	COOL WHITE



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exact design may vary



COMPACT FLUORESCENT

2D

2D

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
2D16GR8827		142mm		16	1100	GR8 2-PIN	10,000	WARM WHITE
2D16GR8835		142mm		16	1100	GR8 2-PIN	10,000	WHITE
2D16GR8860		142mm		16	1100	GR8 2-PIN	10,000	DAYLIGHT
2D28GR8827		205mm		28	2150	GR8 2-PIN	10,000	WARM WHITE
2D10GR10827		92mm		10	650	GR10 4-PIN	10,000	WARM WHITE
2D10GR10835		92mm		10	650	GR10 4-PIN	10,000	WHITE
2D16GR10827		142mm		16	1100	GR10 4-PIN	10,000	WARM WHITE
2D16GR10835		142mm		16	1100	GR10 4-PIN	10,000	WHITE
2D21GR10827		142mm		21	1375	GR10 4-PIN	10,000	WARM WHITE
2D21GR10835		142mm		21	1375	GR10 4-PIN	10,000	WHITE
2D21GR10860		142mm		21	1375	GR10 4-PIN	10,000	DAYLIGHT
2D28GR10827		205mm		28	2150	GR10 4-PIN	10,000	WARM WHITE
2D28GR10835		205mm		28	2150	GR10 4-PIN	10,000	WHITE
2D28GR10840		205mm		28	2150	GR10 4-PIN	10,000	COOL WHITE
2D38GR10827		205mm		38	3000	GR10 4-PIN	10,000	WARM WHITE
2D38GR10835		205mm		38	3000	GR10 4-PIN	10,000	WHITE
2D55GRY10827		205mm		55	3900	GRY10q-3 4-PIN	10,000	WARM WHITE
2D55GRY10835		205mm		55	3900	GRY10q-3 4-PIN	10,000	WHITE



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exact design may vary



CF STICK

Compact Fluorescent Energy Saver

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
CF8SES827	105mm			8	420	SES	8000	WARM WHITE
CF8ES827	108mm			8	420	ES	8000	WARM WHITE
CF8BC827	103mm			8	420	BC	8000	WARM WHITE
CF11SES827	118mm			11	600	SES	8000	WARM WHITE
CF11ES827	115mm			11	600	ES	8000	WARM WHITE
CF11BC827	113mm			11	600	BC	8000	WARM WHITE
CF14ES827	127mm			14	800	ES	8000	WARM WHITE
CF14BC827	125mm			14	800	BC	8000	WARM WHITE
CF20ES827	130mm			20	1151	ES	8000	WARM WHITE
CF20BC827	128mm			20	1151	BC	8000	WARM WHITE



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MINI LYNX

Self Ballast CFL Fast Start

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
MLFS5SES827	126mm		240	5	225	SES	10,000	WARM WHITE
MLFS5ES827	126mm		240	5	225	ES	10,000	WARM WHITE
MLFS8SES827	136mm		240	8	450	SES	10,000	WARM WHITE
MLFS8SES840	136mm		240	8	450	SES	10,000	COOL WHITE
MLFS8ES827	136mm		240	8	450	ES	10,000	WARM WHITE
MLFS8ES840	136mm		240	8	450	ES	10,000	COOL WHITE
MLFS8ES860	136mm		240	8	450	ES	10,000	DAYLIGHT
MLFS8BC827	136mm		240	8	450	BC	10,000	WARM WHITE
MLFS11SES827	136mm		240	11	575	SES	10,000	WARM WHITE
MLFS11SES840	136mm		240	11	575	SES	10,000	COOL WHITE
MLFS11ES827	136mm		240	11	575	ES	10,000	WARM WHITE
MLFS11ES840	136mm		240	11	575	ES	10,000	COOL WHITE
MLFS11ES860	136mm		240	11	575	ES	10,000	DAYLIGHT
MLFS11BC827	136mm		240	11	575	BC	10,000	WARM WHITE
MLFS15ES827	136mm		240	15	850	ES	10,000	WARM WHITE
MLFS15ES840	136mm		240	15	850	ES	10,000	COOL WHITE
MLFS15ES860	136mm		240	15	850	ES	10,000	DAYLIGHT
MLFS15BC827	136mm		240	15	850	BC	10,000	WARM WHITE
MLFS20ES827	136mm		240	20	1100	ES	10,000	WARM WHITE
MLFS20ES840	136mm		240	20	1100	ES	10,000	COOL WHITE
MLFS20ES860	136mm		240	20	1100	ES	10,000	DAYLIGHT
MLFS20BC827	136mm		240	20	1100	BC	10,000	WARM WHITE
MLFS23ES827	136mm		240	23	1325	ES	10,000	WARM WHITE
MLFS23ES840	136mm		240	23	1325	ES	10,000	COOL WHITE
MLFS23ES860	136mm		240	23	1325	ES	10,000	DAYLIGHT
MLFS23BC827	136mm		240	23	1325	BC	10,000	WARM WHITE



for illustrative purposes only
exact design may vary



TRIPLE TURN

Triple Turn Self Ballast

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
PLET15BC827	135mm		240	15	875	BC	12,000	WARM WHITE
PLET20BC827	153mm		240	20	1200	BC	12,000	WARM WHITE
PLET23BC827	164mm		240	23	1500	BC	12,000	WARM WHITE
PLET15ES827	137mm		240	15	875	ES	12,000	WARM WHITE
PLET20ES827	155mm		240	20	1200	ES	12,000	WARM WHITE
PLET23ES827	166mm		240	23	1500	ES	12,000	WARM WHITE



for illustrative purposes only
exact design may vary



COMPACT FLUORESCENT

SPIRAL

Spiral Energy Saver

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
SPIRA5SES827	77mm		240	8	300	SES	10,000	WARM WHITE
SPIRA5BC827	73mm		240	8	300	BC	10,000	WARM WHITE
SPIRA8SES827	83mm		240	8	500	SES	10,000	WARM WHITE
SPIRA8ES827	84mm		240	8	500	ES	10,000	WARM WHITE
SPIRA8BC827	80mm		240	8	500	BC	10,000	WARM WHITE
SPIRA11SES827	100mm		240	11	700	SES	10,000	WARM WHITE
SPIRA11ES827	96mm		240	11	700	ES	10,000	WARM WHITE
SPIRA11BC827	93mm		240	11	700	BC	10,000	WARM WHITE
SPIRA14ES840	108mm		240	14	900	ES	10,000	COOL WHITE
SPIRA14BC827	105mm		240	14	900	BC	10,000	WARM WHITE
SPIRA20ES827	134mm		240	20	1350	ES	10,000	WARM WHITE
SPIRA20BC827	132mm		240	20	1350	BC	10,000	WARM WHITE
SPIRA23ES827	138mm		240	23	1550	ES	10,000	WARM WHITE
SPIRA23BC827	136mm		240	23	1550	BC	10,000	WARM WHITE



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exact design may vary



CLUSTERLITE

Integrated Ballast Clusterlite

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTEN- SITY	CAP	LIFE (HRS)	DESCRIPTION
PLET40ES827MN	166mm		240	40	420	ES	15,000	WARM WHITE
PLET40ES840MN	166mm		240	40	420	ES	15,000	COOL WHITE
PLET60ES827MN	188mm		240	60	420	ES	15,000	WARM WHITE
PLET60ES840MN	188mm		240	60	600	ES	15,000	COOL WHITE
PLET80GES827MN	256mm		240	80	600	GES	15,000	WARM WHITE
PLET80GES840MN	256mm		240	80	600	GES	15,000	COOL WHITE
PLET100GES827MN	279mm		240	100	800	GES	15,000	WARM WHITE
PLET100GES840MN	279mm		240	100	800	GES	15,000	COOL WHITE
PLET100GES865MN	279mm		240	100	1151	GES	15,000	DAYLIGHT
PLET200GES827MN	268mm		240	200	1151	GES	15,000	WARM WHITE
PLET200GES840MN	279mm		240	200		GES	15,000	COOL WHITE
PLET200GES865MN	279mm		240	200		GES	15,000	DAYLIGHT
10200	175mm	103mm	240	200		M4 BRACKETS	50,000	



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exact design may vary



COMPACT FLUORESCENT

GOLF BALLS

Golf Ball Energy Saving

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
RND455ESO	113mm		240	5		ES	6000	WARM WHITE
RND457ESO	84mm		240	7	286	SES	15,000	WARM WHITE
RND457BCO	83mm		240	7	286	SBC	15,000	WARM WHITE
RND457ESO	74mm		240	7	286	ES	15,000	WARM WHITE
RND457BCO	72mm		240	7	286	BC	15,000	WARM WHITE
RND459ESO	99mm		240	9	405	SES	15,000	WARM WHITE
RND459ESO	95mm		240	9	405	ES	15,000	WARM WHITE
RND459BCO	93mm		240	9	405	BC	15,000	WARM WHITE
RND4511ESO	102mm		240	11	570	ES	15,000	WARM WHITE
RND4511BCO	102mm		240	11	570	BC	15,000	WARM WHITE
RND4513ESO	102mm		240	13	663	ES	15,000	WARM WHITE
RND4513BCO	100mm		240	13	663	BC	15,000	WARM WHITE
RND4515ESO	116mm		240	15	800	ES	15,000	WARM WHITE
RND4515BCO	116mm		240	15	800	BC	15,000	WARM WHITE
RND4518ESO	118mm		240	18	900	ES	15,000	WARM WHITE
RND4518BCO	116mm		240	18	900	BC	15,000	WARM WHITE



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exact design may vary



CANDLES

Candle Energy Saving

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
5SESESCO	131mm		240	5		SES	6000	WARM WHITE
7SESESCO	131mm		240	7	286	SES	15,000	WARM WHITE
7ESESCO	131mm		240	7	286	ES	15,000	WARM WHITE
7SBCESCO	131mm		240	7	286	SBC	15,000	WARM WHITE
7BCESCO	131mm		240	7	286	BC	15,000	WARM WHITE
9SESESCO	106mm		240	9	405	SES	15,000	WARM WHITE
9ESESCO	106mm		240	9	405	ES	15,000	WARM WHITE
9SBCESCO	106mm		240	9	405	SBC	15,000	WARM WHITE
9BCESCO	106mm		240	9	405	BC	15,000	WARM WHITE
11SESESCO	131mm		240	11	531	SES	15,000	WARM WHITE
11BCESCO	131mm		240	11	531	BC	15,000	WARM WHITE



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exact design may vary



COMPACT FLUORESCENT

AMBIENCE

Ambience GLS Shape

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
AMB11BC827	113mm	60mm	240	11	570	BC	15,000	WARM WHITE
AMB15BC827	116mm	65mm	240	15	800	BC	15,000	WARM WHITE
AMB18BC827	116mm	65mm	240	18	900	BC	15,000	WARM WHITE
AMB20BC827	158mm	65mm	240	20	1151	BC	15,000	WARM WHITE
AMB11ES827	113mm	60mm	240	11	570	ES	15,000	WARM WHITE
AMB15ES827	116mm	65mm	240	15	800	ES	15,000	WARM WHITE
AMB18ES827	116mm	65mm	240	18	900	ES	15,000	WARM WHITE
AMB20ES827	158mm	65mm	240	20	1151	ES	15,000	WARM WHITE



for illustrative purposes only
exact design may vary



SL

SL Prismatic Energy Saver

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SL12BC827	133mm		240	12	630		BC	12,000	OBSOLETE
SL16BC827	134mm		240	16	950		BC	12,000	OBSOLETE
SL20BC827	174mm		240	20	1200		BC	12,000	OBSOLETE
SL12ES827	152mm		240	12	630		ES	12,000	OBSOLETE
SL16ES827	154mm		240	16	950		ES	12,000	OBSOLETE
SL20ES827	174mm		240	20	1200		ES	12,000	OBSOLETE



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exact design may vary



PAR50 GU10

PAR50 GU10 Reflector CFL Beam 90 °

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
PAR507GU103K (replaces 30w halogen)	65mm	50mm	240	7		GU10	15,000	WARM WHITE
PAR509GU103K (replaces 40w halogen)	76mm	50mm	240	9		GU10	15,000	WARM WHITE
PAR5011GU103K (replaces 50w halogen)	76mm	50mm	240	11		GU10	8,000	WARM WHITE
PAR5014GU103K (replaces 70w halogen)	76mm	50mm	240	14		GU10	15,000	WARM WHITE
PAR507GU103K (replaces 30w halogen)	65mm	50mm	240	7		GU10	15,000	WARM WHITE
PAR509GU103K (replaces 40w halogen)	76mm	50mm	240	9		GU10	15,000	WARM WHITE
PAR5011GU103K (replaces 50w halogen)	76mm	50mm	240	11		GU10	15,000	WARM WHITE
PAR5014GU103K (replaces 70w halogen)	76mm	50mm	240	14		GU10	15,000	WARM WHITE



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COMPACT FLUORESCENT

R50 SES

R50 SES Reflector CFL Beam 118 °

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
R507SESLED (replaces 40w halogen)	87mm	50mm	240	7		SES	15,000	WARM WHITE
R5011SESLED (replaces 60w halogen)	87mm	50mm	240	11		SES	15,000	WARM WHITE



for illustrative purposes only
exact design may vary



ES Reflector

ES Reflector CFL

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
R6311ESLED (replaces 60w halogen)	103mm	63mm	240	11		ES	15,000	R63 117 ° WARM WHITE
R6311ESLED4K (replaces 60w halogen)	103mm	63mm	240	11		ES	15,000	R63 117 ° COOL WHITE
R8015ESLED (replaces 80w halogen)	113mm	80mm	240	15		ES	15,000	R80 111 ° WARM WHITE
R8015ESLED4K (replaces 80w halogen)	113mm	80mm	240	15		ES	15,000	R80 111 ° COOL WHITE
PAR3015ESLED (replaces 75w halogen)	88mm	95mm	240	15		ES	15,000	PAR30 101 ° WARM WHITE
PAR3820ESLED (replaces 100w halogen)	113mm	121mm	240	20		ES	10,000	PAR39 110 ° WARM WHITE



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exact design may vary



AR111

AR111 Reflector CFL

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
AR11111GX53 (requires ballast)	55mm	111mm		11		GX53	15,000	WARM WHITE
AR11111GX534K (requires ballast)	55mm	111mm		11		GX53	15,000	COOL WHITE
AR11124011GU103K	83mm	111mm		11		GU10	15,000	WARM WHITE
AR11124011GU104K	83mm	111mm		11		GU10	15,000	COOL WHITE



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exact design may vary



COMPACT FLUORESCENT

G9

GU9 Tube Energy Saving

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
G924073KMN	65mm	37mm	240	7	310Lm	GU9	15,000	WARM WHITE
G924093KMN	75mm	37mm	240	9	440Lm	GU9	15,000	WARM WHITE
104362 (GU9 Lampholder)	18.2mm	26mm	240			GU9		



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exact design may vary



R7S

R7S Energy Saving

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
24025R7S827KMN	118mm	58mm	240	25	1519Lm	R7S	15,000	WARM WHITE
24025R7S4KMN	118mm	58mm	240	25	1519Lm	R7S	15,000	COOL WHITE



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exact design may vary



MLF GX53

MLF GX53 Circular Disk Shaped Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
MFL6GX53827	75mm	24mm	240	6	230Lm	GX53	8,000	WARM WHITE
MFL6GX53830	75mm	24mm	240	6	230Lm	GX53	8,000	WARM WHITE
MFL6GX53840	75mm	24mm	240	6	230Lm	GX53	8,000	COOL WHITE
MFL6GX53860	75mm	24mm	240	6	230Lm	GX53	8,000	DAYLIGHT
MLF9GX53827	75mm	24mm	240	9	280Lm	GX53	15,000	WARM WHITE
MFL9GX53830	75mm	24mm	240	9	280Lm	GX53	15,000	WARM WHITE
MFL9GX53840	75mm	24mm	240	9	280Lm	GX53	15,000	COOL WHITE
MFL13GX53830	75mm	23mm	240	13	455Lm	GX53	15,000	WARM WHITE
MFL13GX53840	75mm	23mm	240	13	455Lm	GX53	15,000	COOL WHITE



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exact design may vary



MLF GX53

MLF GX53 Coloured Circular Disk Shaped Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
MFL6GX53RED	75mm	24mm	240	6	170Lm	GX53	8,000	Red
MFL6GX53GREEN	75mm	24mm	240	6	310Lm	GX53	8,000	Green
MFL6GX53BLUE	75mm	24mm	240	6	110Lm	GX53	8,000	Blue



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exact design may vary



COMPACT FLUORESCENT

IONISING

Starlight Ionising Energy Saving Bulbs

CODE	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
SPIRA12BC827IONST		12w		BAYONET	10,000	WARM WHITE
SPIRA23BC827IONST		23w		BAYONET	10,000	WARM WHITE
SPIRA12BC860IONST		12w		BAYONET	10,000	NATURAL DAYLIGHT
SPIRA23BC860IONST		23w		BAYONET	10,000	NATURAL DAYLIGHT
IONNIGHTLIGHT		1w		3 PIN PLUG	10,000	GREEN NIGHTLIGHT



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FLUORESCENTS

T5 STANDARD

T5 Standard 16mm Dia.

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F64W	6" / 150mm			4	130		G5	6000	WHITE
F64CW	6" / 150mm			4	130		G5	15,000	COOLWHITE
F64WW	6" / 150mm			4	130		G5	15,000	WARMWHITE
F96W	9" / 225mm			6	260		G5	15,000	WHITE
F96CW	9" / 225mm			6	260		G5	15,000	COOLWHITE
F96WW	9" / 225mm			6	260		G5	15,000	WARMWHITE
F9654	9" / 225mm			6	260		G5	15,000	DAYLIGHT
F128W	12" / 300mm			8	385		G5	15,000	WHITE
F128CW	12" / 300mm			8	385		G5	15,000	COOLWHITE
F128WW	12" / 300mm			8	385		G5	15,000	WARMWHITE
F12854	12" / 300mm			8	385		G5	15,000	DAYLIGHT
F2113W	21" / 525mm			13	850		G5	15,000	WHITE
F2113CW	21" / 525mm			13	850		G5	15,000	COOLWHITE
F2113WW	21" / 525mm			13	850		G5	15,000	WARMWHITE
F211354	21" / 525mm			13	850		G5	15,000	DAYLIGHT



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exact design may vary



T5 GROLUX

T5 Grolux

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F128GRO	12" / 300mm			8			G13		
F2113GRO	21" / 525mm			13			G13		



for illustrative purposes only
exact design may vary



T5 TUV

T5 TUV Germicidal

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F64TUV	6" / 150mm			4			G5		CLEAR
F96TUV	9" / 225mm			6			G5		CLEAR
F128TUV	12" / 300mm			8			G5		CLEAR



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T5

T5 Triphosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
F54914830	22" / 549mm			14	1230	G5	30,000	WARM WHITE
F54914835	22" / 549mm			14	1230	G5	30,000	WHITE
F54914840	22" / 549mm			14	1230	G5	30,000	COOL WHITE
F54914860	22" / 549mm			14	1140	G5	30,000	DAYLIGHT
F84921830	34" / 849mm			21	1910	G5	30,000	WARM WHITE
F84921835	34" / 849mm			21	1910	G5	30,000	WHITE
F84921840	34" / 849mm			21	1910	G5	30,000	COOL WHITE
F84921860	34" / 849mm			21	1770	G5	30,000	DAYLIGHT
F114928830	46" / 1149mm			28	2640	G5	30,000	WARM WHITE
F114928835	46" / 1149mm			28	2640	G5	30,000	WHITE
F114928840	46" / 1149mm			28	2640	G5	30,000	COOL WHITE
F114928860	46" / 1149mm			28	2450	G5	30,000	DAYLIGHT
F144935830	58" / 1449mm			35	3320	G5	30,000	WARM WHITE
F144935835	58" / 1449mm			35	3320	G5	30,000	WHITE
F144935840	58" / 1449mm			35	3320	G5	30,000	COOL WHITE
F144935860	58" / 1449mm			35	3090	G5	30,000	DAYLIGHT
F54924830	22" / 549mm			24	1750	G5	30,000	WARM WHITE
F54824835	22" / 549mm			24	1750	G5	30,000	WHITE
F54824840	22" / 549mm			24	1750	G5	30,000	COOL WHITE
F54924860	22" / 549mm			24	1600	G5	30,000	DAYLIGHT
F84939830	34" / 849mm			39	3200	G5	30,000	WARM WHITE
F84939835	34" / 849mm			39	3200	G5	30,000	WHITE
F84939840	34" / 849mm			39	3200	G5	30,000	COOL WHITE
F84939860	34" / 849mm			39	2950	G5	30,000	DAYLIGHT
F114949830	46" / 1149mm			49	4450	G5	30,000	WARM WHITE
F114949835	46" / 1149mm			49	4450	G5	30,000	WHITE
F114949840	46" / 1149mm			49	4450	G5	30,000	COOL WHITE
F114949860	46" / 1149mm			49	4100	G5	30,000	DAYLIGHT
F144954830	58" / 1449mm			54	4460	G5	30,000	WARM WHITE
F144954835	58" / 1449mm			54	4460	G5	30,000	WHITE
F144954840	58" / 1449mm			54	4460	G5	30,000	COOL WHITE
F144954860	58" / 1449mm			54	4100	G5	30,000	DAYLIGHT
F144980830	58" / 1449mm			80	6450	G5	30,000	WARM WHITE
F144980835	58" / 1449mm			80	6450	G5	30,000	WHITE
F144980840	58" / 1449mm			80	6450	G5	30,000	COOL WHITE
F144980860	58" / 1449mm			80	5950	G5	30,000	DAYLIGHT



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exact design may vary



FLUORESCENTS

TL5 CIRCULAR

Blacklight 368 Flykiller Circular

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
FC22BL368		8" / 200mm		22		G10q		BLACKLIGHT BLUE
FC32BL368		12" / 305mm		32		G10q		BLACKLIGHT BLUE



TL5 CIRCULAR

Circular T5

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
FC22830		220mm		22			2GX13		WARM WHITE
FC22840		220mm		22			2GX13		COOL WHITE
FC40830		293mm		40			2GX13		WARM WHITE
FC40840		293mm		40			2GX13		COOL WHITE
FC55830		305mm		55			2GX13		WARM WHITE
FC55840		305mm		55			2GX13		COOL WHITE
FC60830		379mm		60			2GX13		WARM WHITE
FC60840		379mm		60			2GX13		COOL WHITE



for illustrative purposes only
exact design may vary



BLACKLIGHT

T5 Blacklight 368 Flykiller

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F64BL368	6" / 150mm			4			G5		BLACKLIGHT BLUE
F96BL368	9" / 225mm			6			G5		BLACKLIGHT BLUE
F911BL368	9" / 225mm			11			G5		BLACKLIGHT BLUE
F128BL368	12" / 300mm			8			G5		BLACKLIGHT BLUE
F1212.5BL368	12" / 300mm			12.5			G5		BLACKLIGHT BLUE
F1215BL368	12" / 300mm			15			G5		BLACKLIGHT BLUE



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FLUORESCENTS

T8 GROLUX

T8 GroLux

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F1514GRO	15" / 360mm			14			G13		
F1815GRO	18" / 450mm			15			G13		
F218GRO	2FT / 600mm			18			G13		
F3025GRO	30" / 742mm			25			G13		
F330GRO	3FT / 900mm			30			G13		
F3.538GRO	3.5FT / 1050mm			38			G13		
F436GRO	4FT / 1200mm			36			G13		
F558GRO	5FT / 1500mm			58			G13		



for illustrative purposes only
exact design may vary



T8 TUV

T8 TUV Germicidal

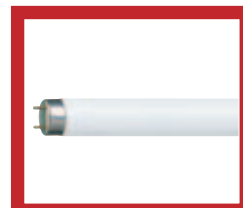
CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F1815TUV	18" / 450mm			15			G13		CLEAR
F1825TUV	18" / 450mm			25			G13		CLEAR
F330TUV	3FT / 900mm			30			G13		CLEAR



T8 GOURMET

T8 Gourmet / Deluxe Natural

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F218GOU	2FT / 600mm			18	800		G13		
F330GOU	3FT / 900mm			30	1,200		G13		
F436GOU	4FT / 1200mm			36	2,500		G13		
F558GOU	5FT / 1500mm			58	4,000		G13		
F670GOU	6FT / 1800mm			70	4,300		G13		



for illustrative purposes only
exact design may vary



T8 HF TUBES

T8 High Frequency Tubes

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
F216830	2FT / 600mm			16	1230	G13		WARM WHITE
F216840	2FT / 600mm			16	1230	G13		COOL WHITE
F432830	4FT / 1200mm			32		G13		WARM WHITE
F432840	4FT / 1200mm			32		G13		COOL WHITE
F550830	5FT / 1500mm			50		G13		WARM WHITE
F550840	5FT / 1500mm			50		G13		COOL WHITE



for illustrative purposes only
exact design may vary



FLUORESCENTS

T8 TRIPHOSPHOR

T8 450mm Triphosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F1815827	18" / 450mm			15	1,000		G13	15,000	WARM WHITE
F1815830	18" / 450mm			15	1,000		G13	15,000	WARM WHITE
F1815840	18" / 450mm			15	1,000		G13	15,000	COOL WHITE
F1815860	18" / 450mm			15	1,000		G13	15,000	DAYLIGHT
F1815835	18" / 450mm			15	1,000		G13	15,000	WHITE



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exact design may vary



T8 TRIPHOSPHOR

T8 450mm Multi-phosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F1815950	18" / 450mm			15	1,000		G13	15,000	DAYLIGHT

T8 TRIPHOSPHOR

T8 600mm Triphosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F218827	2FT / 600mm			18	1,350		G13	15,000	WARM WHITE
F218830	2FT / 600mm			18	1,350		G13	15,000	WARM WHITE
F218835	2FT / 600mm			18	1,350		G13	15,000	WHITE
F218840	2FT / 600mm			18	1,350		G13	15,000	COOL WHITE
F218860	2FT / 600mm			18	1,300		G13	15,000	DAYLIGHT

T8 TRIPHOSPHOR

T8 600mm Multi-phosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F218930	2FT / 600mm			18	1,100		G13	15,000	WARM WHITE
F218940	2FT / 600mm			18	1,200		G13	15,000	COOL WHITE
F218950	2FT / 600mm			18	1,150		G13	15,000	DAYLIGHT
F218965	2FT / 600mm			18	1,150		G13	15,000	DAYLIGHT

T8 TRIPHOSPHOR

T8 Triphosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F330827	3FT / 900mm			30	2,450		G13	15,000	WARM WHITE
F330830	3FT / 900mm			30	2,450		G13	15,000	WARM WHITE
F330840	3FT / 900mm			30	2,450		G13	15,000	COOL WHITE
F330860	3FT / 900mm			30	3,250		G13	15,000	DAYLIGHT
F330835	3FT / 900mm			30			G13	15,000	WHITE
F97036830	38" / 970mm			36			G13	15,000	WARM WHITE
F97036840	38" / 970mm			36			G13	15,000	COOL WHITE
F3.538830	3.5FT / 1050mm			38			G13	15,000	WARM WHITE
F3.538840	3.5FT / 1050mm			38			G13	15,000	COOL WHITE

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FLUORESCENTS

T8 TRIPHOSPHOR

T8 4 Ft Triphosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F436827	4FT / 1200mm			36	3,350		G13	15,000	WARM WHITE
F436830	4FT / 1200mm			36	3,350		G13	15,000	WARM WHITE
F436835	4FT / 1200mm			36	3,350		G13	15,000	WHITE
F436840	4FT / 1200mm			36	3,350		G13	15,000	COOL WHITE
F436860	4FT / 1200mm			36	3,250		G13	15,000	DAYLIGHT



for illustrative purposes only
exact design may vary



T8 TRIPHOSPHOR

T8 4 Ft Multi-phosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F436930	4FT / 1200mm			36	2,800		G13	15,000	WARM WHITE
F436940	4FT / 1200mm			36	2,800		G13	15,000	COOL WHITE
F436950	4FT / 1200mm			36	2,800		G13	15,000	DAYLIGHT
F436965	4FT / 1200mm			36	2,800		G13	15,000	DAYLIGHT

T8 TRIPHOSPHOR

T8 5 Ft Triphosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F558827	5FT / 1500mm			58	5,200		G13	15,000	WARM WHITE
F558830	5FT / 1500mm			58	5,200		G13	15,000	WARM WHITE
F558835	5FT / 1500mm			58	5,200		G13	15,000	WHITE
F558840	5FT / 1500mm			58	5,200		G13	15,000	COOL WHITE
F558860	5FT / 1500mm			58	5,000		G13	15,000	DAYLIGHT

T8 TRIPHOSPHOR

T8 5 Ft Multi-phosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F558930	5FT / 1500mm			58	4,350		G13	15,000	WARM WHITE
F558940	5FT / 1500mm			58	4,600		G13	15,000	COOL WHITE
F558950	5FT / 1500mm			58	4,550		G13	15,000	DAYLIGHT
F558965	5FT / 1500mm			58	4,550		G13	15,000	DAYLIGHT

T8 TRIPHOSPHOR

T8 6 Ft Triphosphor

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F670827	6FT / 1800mm			70	6,300		G13	15,000	WARM WHITE
F670830	6FT / 1800mm			70	6,300		G13	15,000	WARM WHITE
F670835	6FT / 1800mm			70	6,300		G13	15,000	WHITE
F670840	6FT / 1800mm			70	6,300		G13	15,000	COOL WHITE
F670860	6FT / 1800mm			70			G13	15,000	DAYLIGHT

FLUORESCENTS

BLACKLIGHT

T8 Blacklight 368 Flykiller

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F1815BL368	18" / 450mm			15			G13		BLACKLIGHT BLUE
F1825BL368	18" / 450mm			25			G13		BLACKLIGHT BLUE
F330BL368	3FT / 900mm			30			G13		BLACKLIGHT BLUE



LONG LIFE TUBES

T8 Daystar Full Spectrum

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F1815ADLB	18" / 450mm			15	130		G13	25,000	DAYLIGHT
F218ADLB	2FT / 600mm			18	130		G13	25,000	DAYLIGHT
F436ADLB	4FT / 1200mm			36	130		G13	25,000	DAYLIGHT
F558ADLB	5FT / 1500mm			58	260		G13	25,000	DAYLIGHT
F670ADLB	6FT / 1800mm			70			G13	25,000	DAYLIGHT



for illustrative purposes only
exact design may vary



T12 STANDARD

T12 Standard

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F220W	2FT / 600mm			20			G13		WHITE
F220CW	2FT / 600mm			20			G13		COOLWHITE
F220WW	2FT / 600mm			20			G13		WARMWHITE
F220S4	2FT / 600mm			20			G13		DAYLIGHT
F440W	4FT / 1200mm			40			G13		WHITE
F440CW	4FT / 1200mm			40			G13		COOLWHITE
F440WW	4FT / 1200mm			40			G13		WARMWHITE
F440S4	4FT / 1200mm			40			G13		DAYLIGHT
F580W	5FT / 1500mm			65/80W			G13		WHITE
F580CW	5FT / 1500mm			65/80W			G13		COOLWHITE
F580WW	5FT / 1500mm			65/80W			G13		WARMWHITE
F580S4	5FT / 1500mm			65/80W			G13		DAYLIGHT
F685W	6FT / 1800mm			75/85W			G13		WHITE 35
F685CW	6FT / 1800mm			75/85W			G13		COOLWHITE
F685WW	6FT / 1800mm			75/85W			G13		WARMWHITE



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FLUORESCENTS

T12 TUV

T12 TUV Germicidal

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F220TUV	2FT / 600mm			20			G13		CLEAR
F440TUV	4FT / 1200mm			40			G13		CLEAR

T12 GOURMET

T12 Gourmet / Deluxe Natural

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F220GOU	2FT / 600mm			20	800		G13		
F440GOU	4FT / 1200mm			40	1,200		G13		



BLACKLIGHT

T12 Blacklight 368 Flykiller

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
F1525BL368	15" / 360mm			25	130	G13		BLACKLIGHT BLUE
F1832BL368	18" / 450mm			32	130	G13		BLACKLIGHT BLUE
F220BL368	2FT / 600mm			20	130	G13		BLACKLIGHT BLUE
F240BL368	2FT / 600mm			40	260	G13		BLACKLIGHT BLUE
F440BL368	4FT / 1200mm			40	260	G13		BLACKLIGHT BLUE



TLX

TLX Single Pin

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F220TLXCW	2FT / 600mm			20			Fa6		COOL WHITE
F440TLXCW	4FT / 1200mm			40			Fa6		COOL WHITE



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TLX

TLX Single Pin "Luma" Long Life

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F218TLX840	2FT / 600mm			18			Fa6		COOL WHITE
F436TLX840	4FT / 1200mm			36			Fa6		COOL WHITE



FLUORESCENTS

F48

USA Tube Recessed Double Contact High Output

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
F48T12CWHO	48" / 1200mm			60		RDC		COOL WHITE



LOGLIFE TUBES

Whitestar Longlife

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
F218835LB	2FT / 600mm			18	1,350		G13	25,000	WHITE
F436835LB	4FT / 1200mm			36	3,350		G13	25,000	WHITE
F558835LB	5FT / 1500mm			58	5,200		G13	25,000	WHITE
F670835LB	6FT / 1800mm			70	6,300		G13	25,000	WHITE



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exact design may vary



LOGLIFE TUBES

Polestar Longlife

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
F218POLELB	2FT / 600mm			18	1,350	G13	25,000	COOL WHITE
F436POLELB	4FT / 1200mm			36	3,350	G13	25,000	COOL WHITE
F558POLELB	5FT / 1500mm			58	5,250	G13	25,000	COOL WHITE
F670POLELB	6FT / 1800mm			70	6,000	G13	25,000	COOL WHITE



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LOGLIFE TUBES

Histar Longlife

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	CAP	LIFE (HRS)	DESCRIPTION
F218HISTARLB	2FT / 600mm			18	1,300	G13	25,000	DAYLIGHT
F436HISTARLB	4FT / 1200mm			36	3,250	G13	25,000	DAYLIGHT
F558HISTARLB	5FT / 1500mm			58	5,000	G13	25,000	DAYLIGHT
F670HISTARLB	6FT / 1800mm			70		G13	25,000	DAYLIGHT



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DICHROICS

Open Dichroic 50mm

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
M68			12	20	500 Cd		GU5.3	2,000	12° SPOT
M94			12	20	500 Cd		GU5.3	2,000	24° MEDIUM
M69			12	20	500 Cd		GU5.3	2,000	36° FLOOD
M71			12	35	925 Cd		GU5.3	2,000	12° SPOT
M70			12	35	925 Cd		GU5.3	2,000	24° MEDIUM
M81			12	35	925 Cd		GU5.3	2,000	36° FLOOD
M49			12	50	1500 Cd		GU5.3	2,000	12° SPOT
M50			12	50	1500 Cd		GU5.3	2,000	24° MEDIUM
M58			12	50	1500 Cd		GU5.3	2,000	36° FLOOD
M80			12	50	1500 Cd		GU5.3	2,000	55° WIDE FLOOD



for illustrative purposes only
exact design may vary



DICHROICS

Closed Dichroic 50mm

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
M268			12	20	3150 Cd		GU5.3	2,000	12° SPOT
M294			12	20			GU5.3	2,000	24° MEDIUM
M269			12	20	450 Cd		GU5.3	2,000	36° FLOOD
M271			12	35	6750 Cd		GU5.3	2,000	12° SPOT
M270			12	35			GU5.3	2,000	24° MEDIUM
M281			12	35	830 Cd		GU5.3	2,000	36° FLOOD
M249			12	50	8550 Cd		GU5.3	2,000	12° SPOT
M250			12	50	2700 Cd		GU5.3	2,000	24° MEDIUM
M258			12	50	1350 Cd		GU5.3	2,000	36° FLOOD
M280			12	50	630 Cd		GU5.3	2,000	55° WIDE FLOOD



for illustrative purposes only
exact design may vary



DICHROICS

Constant Colour 50mm

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
M394			12	20	3150 Cd		GU5.3	5,000	15° MEDIUM
M369			12	20	475 Cd		GU5.3	5,000	40° FLOOD
M370			12	35	3200 Cd		GU5.3	5,000	20° MEDIUM
M350			12	50	2900 Cd		GU5.3	6,000	20° MEDIUM
M358			12	50	1500 Cd		GU5.3	6,000	40° FLOOD



for illustrative purposes only
exact design may vary



DICHROICS

10,000 Hour Life 50mm

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
M250L10			12	50			GU5.3	10,000	24° MEDIUM
M258L10			12	50			GU5.3	10,000	36° FLOOD

TUNGSTEN HALOGEN

DICHROICS

Dichroic Coloured Spot

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
M249***			12	50			GU5.3	2,000	12° SPOT

***Please specify colour: Red, Green, Blue or Amber



for illustrative purposes only
exact design may vary



DICHROICS

Square Dichroic

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MR16/20SQ			12	20			GU5.3	2,000	
MR16/35SQ			12	35			GU5.3	2,000	
MR16/50SQ			12	50			GU5.3	2,000	



for illustrative purposes only
exact design may vary



DICHROICS

Hexagonal Dichroic

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MR16/20HX			12	20			GU5.3	2,000	
MR16/35HX			12	35			GU5.3	2,000	
MR16/50HX			12	50			GU5.3	2,000	



for illustrative purposes only
exact design may vary



DICHROICS

35mm Dichroic

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MR11610			6	10			GU4		
MR11125			12	5			GU4		
MR111210			12	10			GU4		
M264			12	12	3960 Cd		GU4		8° SPOT
M252			12	20			GU4		8° SPOT
M251			12	20	1800 Cd		GU4		17° MEDIUM
M262			12	20	490 Cd		GU4		26° FLOOD
M265			12	35			GU4		8° SPOT
M266			12	35	2070 Cd		GU4		21° MEDIUM
M199			12	35	1150 Cd		GU4		26° FLOOD



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DISPLAY CAPSULES

2 Pin Halogen Display Capsule

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
M9			12	5	500 Cd		G4		
M28			12	100	500 Cd		GY6.35		
M29			6	10	500 Cd		G4		
M30			6	20	925 Cd		G4		
M32			12	50	925 Cd		GY6.35		
M33			24	250	925 Cd		GY6.35		
M34			6	20	1500 Cd		G4		
M36			24	250	1500 Cd		GY6.35		
M38			240	300	1500 Cd		GY9.5		
M40			240	500	1500 Cd		GY9.5		
M42			6	10			G4		
M47			12	20			G4		
M73			12	75			GY6.35		
M75			12	35			GY6.35		
M88			24	20			G4		
M89			24	50			GY6.35		
M90			24	100			G6.35		
M91			12	10			G4		



for illustrative purposes only
exact design may vary



REFLECTOR

Aluminium Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
6430PH		37mm	6	35			SBC	2,000	14°
6434PH		37mm	12	20			SBC	2,000	
6433PH		37mm	12	20			SBC	2,000	6°
6438PH		56mm	12	50	3960 Cd		SBC	2,000	10°



for illustrative purposes only
exact design may vary

REFLECTOR

Aluminium Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
41900SP		48mm	12	20			GY4	2,000	8° SPOT
41930SP		48mm	24	20			GY4	2,000	8° SPOT
41970SP		70mm	12	20			SBC	2,000	8° SPOT
41970FL		70mm	12	20			SBC	2,000	24° FLOOD
41990SP		70mm	12	50			SBC	2,000	8° SPOT
41990FL		70mm	12	50			SBC	2,000	24° FLOOD



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exact design may vary

TUNGSTEN HALOGEN

AR111

AR111 Aluminium Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
AR1111235SP			12	35	14,000 Cd		G53	2,000	8° SPOT
AR1111235FL			12	35	2,500 Cd		G53	2,000	24° FLOOD
AR1111250SP			12	50	17,800 Cd		G53	2,000	8° SPOT
AR1111250FL			12	50	3,500 Cd		G53	2,000	24° FLOOD
AR1111275SP			12	75	23,500 Cd		G53	2,000	8° SPOT
AR1111275FL			12	75	5,300 Cd		G53	2,000	24° FLOOD
AR1111275WFL			12	75	1,700 Cd		G53	2,000	45° WIDE FLOOD
AR11112100SP			12	100	40,000 Cd		G53	2,000	8° SPOT
AR11112100FL			12	100	8,000 Cd		G53	2,000	24° FLOOD
AR11112100WFL			12	100	2,300 Cd		G53	2,000	45° WIDE FLOOD



for illustrative purposes only
exact design may vary



REFLECTOR

Mains Voltage Halogen Aluminium Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
PAR5020GU10FL		50mm	240	20	200 Cd		GU10	2,000	
PAR5035GU10FL		50mm	240	35	400 Cd		GU10	2,000	
PAR5050GU10FL		50mm	240	50	600 Cd		GU10	2,000	
PAR5050GU10WFL		50mm	240	50			GU10	2,000	
PAR5050GU10FL		50mm	240	50	600 Cd		GU10	2,000	RED, BLUE, GREEN



for illustrative purposes only
exact design may vary



DICHROICS

Mains Voltage Dichroic

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
PAR5050GZ10SP		50mm	240	50			GZ10	2,000	
PAR5050GZ10FL		50mm	240	50			GZ10	2,000	



REFLECTOR

Halogen Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
PAR5040SESSP		50mm	240	40			SES	2,000	PAR16 SPOT
PAR5040SESFL		50mm	240	40	950 Cd		SES	2,000	PAR16 FLOOD
PAR2050ESSP		63mm	240	50	3000 Cd		ES	2,000	PAR20 SPOT
PAR2050ESFL		63mm	240	50	1000 Cd		ES	2,000	PAR20 FLOOD
PAR2550ESSP		80mm	240	50			ES	2,000	PAR25 SPOT
PAR2550ESFL		80mm	240	50	1300 Cd		ES	2,000	PAR25 FLOOD
PAR3075ESSP		95mm	240	75	6200 Cd		ES	2,000	PAR30 SPOT
PAR3075ESFL		95mm	240	75	2000 Cd		ES	2,000	PAR30 FLOOD
PAR30100ESSP		95mm	240	100			ES	2,000	PAR30 SPOT
PAR30100ESFL		95mm	240	100	3100 Cd		ES	2,000	PAR30 FLOOD



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LINEAR

Low Voltage Linear Halogen

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24200R7STHC		118mm	24	200			R7S		
24300R7STHC		118mm	24	300			R7S		
245000R7STHC		118mm	24	500			R7S		



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exact design may vary



LINEAR

Linear Halogen

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
110150R7STHC78		78mm	110	150			R7S		
110150R7STHC		118mm	110	150			R7S		
110200R7STHC		118mm	110	200			R7S		
110300R7STHC		118mm	110	300			R7S		
110500R7STHC		118mm	110	500			R7S		
1101000RS7THC		118mm	110	1000			R7S		
1101500RS7THC		118mm	110	1500			R7S		
24060R7STHC78		78mm	240	60			R7S		
240100R7STHC78		78mm	240	100			R7S		*
240150R7STHC78		78mm	240	150			R7S		*
240200R7STHC78		78mm	240	200			R7S		*
240250R7STHC78		78mm	240	250			R7S		*

*Lamps being phased out as per the EUP regulations.

LINEAR

Linear Halogen

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
240100R7STHC		118mm	240	100			R7S	2,000	*
240150R7STHC		118mm	240	150			R7S	2,000	*
240200R7STHC		118mm	240	200			R7S	2,000	*
240300R7STHC		118mm	240	300			R7S	2,000	*
240500R7STHC		118mm	240	500			R7S	2,000	*
240750R7STHC		189mm	240	750			R7S	2,000	
2401000R7STHC		189mm	240	1000			R7S	2,000	
2401500R7STHC		254mm	240	1500			R7S	2,000	
2402000R7STHC		331mm	240	2000			R7S	2,000	

*Lamps being phased out as per the EUP regulations.



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exact design may vary



TUNGSTEN HALOGEN

LINEAR

Energy Saving Linear Halogen

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24080R7STHC (replaces 100w)		78mm	240	80			R7S		
240120R7STHC (replaces 150w)		78mm	240	120			R7S		
24060R7STHC78		78mm	240	60			R7S		
240100R7STHC78		78mm	240	100			R7S	*	
240150R7STHC78		78mm	240	150			R7S	*	
240200R7STHC78		78mm	240	200			R7S	*	
240250R7STHC78		78mm	240	250			R7S	*	
24080R7STHC (replaces 100w)		78mm	240	80			R7S		
240120R7STHC (replaces 150w)		78mm	240	120			R7S		
240160R7STHC (replaces 200w)		118mm	240	160			R7S		
240230R7STHC (replaces 300w)		118mm	240	230			R7S		
240400R7STHC (replaces 500w)		118mm	240	400			R7S		

*Lamps being phased out as per the EUP regulations.



for illustrative purposes only
exact design may vary



SINGLE ENDED

Halogena Clear

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24060BCBBTC			240	60			BC		
240100BCBBTC			240	100			BC		
240150BCBBTC			240	150			BC		
24060ESBBTC			240	60			ES		
240100ESBBTC			240	100			ES		
240150ESBBTC			240	150			ES		



for illustrative purposes only
exact design may vary



SINGLE ENDED

Tubular Halogen Clear

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24075ESTHC			240	75			ES		
240100ESTHC			240	100			ES		
240150ESTHC			240	150			ES		
240250ESTHC			240	250			ES		



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SINGLE ENDED

Double Envelope Halogen "Iode"

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
110300GESTHC			110/130	300			GES		
110500GESTHC			110/130	500			GES		
1101000GESTHC			110/130	1000			GES		
240300GESTHC			220/250	300			GES		
240500GESTHC			220/250	500			GES		
2401000GESTHC			220/250	1000			GES		



for illustrative purposes only
exact design may vary

TUBULAR

Halogen Low Voltage Single Ended Tubular

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
BC10111040	101mm	28mm	100/130	40			BC		
ES10111040	101mm	28mm	100/130	40			ES		



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exact design may vary

TUBULAR

Halogen Single Ended Tubular

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
BC8524025	85mm	26mm	240	25			BC		
SBC8524025	85mm	26mm	240	25			SBC		
SES8524025	85mm	26mm	240	25			SES		
BC10124025	101mm	28mm	240	25			BC		
SBC10124025	101mm	28mm	240	25			SBC		
SES10124025	101mm	28mm	240	25			SES		
BC10124040	101mm	28mm	240	40			BC		
SBC10124040	101mm	28mm	240	40			SBC		
SES10124040	101mm	28mm	240	40			SES		
ES10124040	101mm	28mm	240	40			ES		



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exact design may vary

CANDLES

Single Ended Clear Halogen Candle

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
18SEPOC35TH	100	35mm	240	18	170		SES	2,000	
18BCPOC35TH	100	35mm	240	18	170		BC	2,000	
28SEPOC35TH	100	35mm	240	28	340		SES	2,000	
28ESPOC35TH	100	35mm	240	18	340		ES	2,000	
28SBCPOC35TH	100	35mm	240	18	340		SBC	2,000	
28BCPOC35TH	100	35mm	240	18	340		BC	2,000	
42SEPOC35TH	100	35mm	240	42	630		SES	2,000	
42ESPOC35TH	100	35mm	240	18	630		ES	2,000	
42SBCPOC35TH	100	35mm	240	18	630		SBC	2,000	
42BCPOC35TH	100	35mm	240	18	630		BC	2,000	



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exact design may vary



TUNGSTEN HALOGEN

GOLF BALL

Clear Halogen GLS Golf Ball

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
RND4518SESTHC	45	78mm	240	18	170		SES	2,000	
RND4518BCTHC	45	78mm	240	18	170		BC	2,000	



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exact design may vary



GOLF BALL

Clear Halogen R45 Golf Ball

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
RND4528SESTHC	45	78mm	240	28	340		SES	2,000	
RND4528ESTHC	45	78mm	240	28	340		ES	2,000	
RND4528SBCTHC	45	78mm	240	28	340		SBC	2,000	
RND4528BCTHC	45	78mm	240	28	340		BC	2,000	
RND4542SESTHC	45	78mm	240	42	630		SES	2,000	
RND4542ESTHC	45	78mm	240	28	630		ES	2,000	
RND4542BCTHC	45	78mm	240	28	630		BC	2,000	



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exact design may vary



HALOGEN GLS

Clear Halogen GLS

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24028ESTHC	50	96mm	240	28	340		ES	2,000	
24042ESTHC	50	96mm	240	42	630		ES	2,000	
24070ESTHC	50	96mm	240	70	1300		ES	2,000	
240100ESTHC	50	96mm	240	100	1800		ES	2,000	
24028BCTHC	50	96mm	240	28	340		BC	2,000	
24042BCTHC	50	96mm	240	42	630		BC	2,000	
24070BCTHC	50	96mm	240	70	1300		BC	2,000	
240100BCTHC	50	96mm	240	100	1800		BC	2,000	



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exact design may vary



REFLECTOR

Halogen Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
R5028SESTHC	50mm	86mm	240	28	340		SES	2,000	R50
R6342ESTHC	63.5mm	101mm	240	42	630		ES	2,000	R63
R8042ESTHC	80mm	121mm	240	42	630		ES	2,000	R80



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GLS PEARL

Extra Low Voltage GLS Pearl

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
2525ESP			24/25	25			ES	1,500	
2540ESP			24/25	40			ES	1,500	
2560ESP			24/25	60			ES	1,500	
25100ESP			24/25	100			ES	1,500	
5025ESP			48/50	25			ES	1,500	
5040ESP			48/50	40			ES	1,500	
5060ESP			48/50	60			ES	1,500	
50100ESP			48/50	100			ES	1,500	
4260ESP			42	60			ES	1,500	
2525BCP			24/25	25			BC	1,500	
2540BCP			24/25	40			BC	1,500	
2560BCP			24/25	60			BC	1,500	
25100BCP			24/25	100			BC	1,500	
5025BCP			48/50	25			BC	1,500	
5040BCP			48/50	40			BC	1,500	
5060BCP			48/50	60			BC	1,500	
50100BCP			48/50	100			BC	1,500	



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exact design may vary



GLS CLEAR

Standard GLS Clear

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24025BCC			240	25	225		BC		
24040BCC			240	40	410		BC		
24060BCC			240	60	700		BC		
240100BCC			240	100	1330		BC		
24040ESC			240	40	410		ES		
24060ESC			240	60	700		ES		
240100ESC			240	100	1330		ES		



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DAYLIGHT

"Daylight Blue" GLS

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24060BCDAY			240	60	300		BC		
240100BCDAY			240	100			BC		
24060ESDAY			240	60	300		ES		
240100ESDAY			240	100			ES		



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INCANDESCENT LAMPS

ROUGH SERVICE

Rough Service Pearl

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24040BCRSP			220/250	40	250		BC		
24060BCRSP			220/250	60	450		BC		
240100BCRSP			220/250	100	880		BC		
24040ESRSP			220/250	40	250		ES		
24060ESRSP			220/250	60	450		ES		
240100ESRSP			220/250	100	880		ES		
11040BCRSP			100/130	40	300		BC		
11060BCRSP			100/130	60	450		BC		
110100BCRSP			100/130	100	880		BC		
11060ESRSP			100/130	60	450		ES		
110100ESRSP			100/130	100	820		ES		



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exact design may vary



CANDLES

Plain Candle

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
25BCPOC35		35mm	240	25	210		BC		CLEAR
25SBCPOC35		35mm	240	25	210		SBC		CLEAR
25SEPOC35		35mm	240	25	210		SES		CLEAR
40BCPOC35		35mm	240	40	400		BC		CLEAR
40SBCPOC35		35mm	240	40	400		SBC		CLEAR
40SEPOC35		35mm	240	40	400		SES		CLEAR
40ESPOC35		35mm	240	40	400		ES		CLEAR
60BCPOC35		35mm	240	60	660		BC		CLEAR
60SBCPOC35		35mm	240	60	660		SBC		CLEAR
60SEPOC35		35mm	240	60	660		SES		CLEAR
60ESPOC35		35mm	240	60	660		ES		CLEAR
40BCPOAMB35		35mm	240	40			BC		AMBER
40BCPOPnk35		35mm	240	40			BC		PINK
40BCSPCH35		35mm	240	40			BC		PEACH
40BCSPnk35		35mm	240	40			BC		SOFT PINK
40BCPOC45		45mm	240	40			BC		CLEAR
40SBCPOC45		45mm	240	40			SBC		CLEAR
60BCPOC45		45mm	240	60			BC		CLEAR
60SBCPOC45		45mm	240	60			SBC		CLEAR



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Please specify Colour: Red, Green, Blue, Amber, Yellow, Pink or White

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CANDLES

Twisted Candles

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
25BCTOC35		35mm	240	25			BC		CLEAR
25SBCTOC35		35mm	240	25			SBC		CLEAR
40BCTOC35		35mm	240	40			BC		CLEAR
40SBCTOC35		35mm	240	40	400		SBC		CLEAR
60BCTOC35		35mm	240	60			BC		CLEAR
60SBCTOC35		35mm	240	60			SBC		CLEAR
40BCTOC46		46mm	240	40			BC		CLEAR
60BCTOC46		46mm	240	60			BC		CLEAR



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exact design may vary



CANDLES

Clear Candle 35mm with Flick Tip

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
25BCPOC35TIP		35mm	240	25			BC	2,000	CLEAR
25SBBCPOC35TIP		35mm	240	25			SBC	2,000	CLEAR
40BCPOC35TIP		35mm	240	40	400		BC	2,000	CLEAR
40SBBCPOC35TIP		35mm	240	40	400		SBC	2,000	CLEAR
60BCPOC35TIP		35mm	240	60	660		BC	2,000	CLEAR



for illustrative purposes only
exact design may vary



CANDLES

Flicker Candle

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
FLICKERBC			240	-	3150 Cd		BC		
FLICKERSES			240	-	475 Cd		SES		



for illustrative purposes only
exact design may vary



CANDLES

Gold Tint Lantern Candle

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
LANTERN55ES			240	55			ES		



for illustrative purposes only
exact design may vary



CROWN

GLS Shape Crown Silver

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24060BCCSIL			240	60			BC		
24060ESCSIL			240	60			ES		
240100ESCSIL			240	100			ES		



for illustrative purposes only
exact design may vary

INCANDESCENT LAMPS

CROWN

LS45 Lemon Shape Crown Silver

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24040SESCSIL			240	40			SES		



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exact design may vary

ROUND BULBS

R45 "Golf Ball" Clear

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
RND4525BCC			240	25	210		BC		
RND4525SBCC			240	25	210		SBC		
RND4525SESC			240	25	210		SES		
RND4525ESC			240	25	210		ES		
RND4540BCC			240	40	400		BC		
RND4540SBCC			240	40	400		SBC		
RND4540SESC			240	40	400		SES		
RND4540ESC			240	40	400		ES		
RND4560BCC			240	60	660		BC		
RND4560SBCC			240	60	660		SBC		
RND4560SESC			240	60	660		SES		
RND4560ESC			240	60	660		ES		



for illustrative purposes only
exact design may vary



PIGMIES

Extra Low Voltage Pigmy Sign

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
2515BCPIGC			24/25	15			BC		
2515SBPIGC			24/25	15			SBC		
5015BCPIGC			48/50	15			BC		
5015SBPIGC			48/50	15			SBC		



for illustrative purposes only
exact design may vary



PIGMIES

Low Voltage Pigmy Sign

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
11015BCPIGC			100/130	15	65		BC		
11015SBPIGC			100/130	15	90		SBC		
11015SESPIGC			100/130	15	85		SES		

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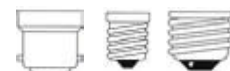
PIGMIES

Pigmy Sign

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24015BCPIGC			200/250	15	90		BC		
24015SBCPIGC			200/250	15	90		SBC		
24015SESPIGC			200/250	15	90		SES		
24015ESPIGC			200/250	15	90		ES		
24025BCPIGC			200/250	25	190		BC		
24025SBCPIGC			200/250	25	190		SBC		
24025SESPIGC			200/250	25	190		SES		



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exact design may vary



PIGMIES

Coloured Pigmy

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
24015BCPIG			200/250	15			BC		**
24015SBCPIG			200/250	15			SBC		**

** Please specify Colour: Red, Green, Blue, Amber, Yellow, Pink or White



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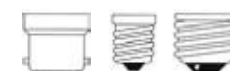
REFLECTOR

Diffused Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
R3925ESLD		39mm	240	25	65		SES	1,000	R39
R3930ESLD		39mm	240	30	80		SES	1,000	R39
R5025ESLD		50mm	240	25	200		SES	1,000	R50
R5040ESLD		50mm	240	40	300		SES	1,000	R50
R6340ESLD		63mm	240	40	250		ES	1,000	R63
R6360ESLD		63mm	240	60	410		ES	1,000	R63
R8040ESLD		80mm	240	40	200		ES	1,000	R80
R8060ESLD		80mm	240	60	450		ES	1,000	R80
R8075ESLD		80mm	240	75	600		ES	1,000	R80
R80100ESLD		80mm	240	100	800		ES	1,000	R80
R95100ESLD		95mm	240	100	1350		ES	1,000	R95
R6340BCLD		63mm	240	40	250		BC	1,000	R63
R6360BCLD		63mm	240	60	410		BC	1,000	R63
R8060BCLD		80mm	240	60	450		BC	1,000	R80
R80100BCLD		80mm	240	100	800		BC	1,000	R80
R95100BCLD		95mm	240	100	1350		BC	1,000	R95



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exact design may vary



INCANDESCENT LAMPS

REFLECTOR

Coloured Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
R6340ES		63mm	240	40	3150 Cd		ES	1,000	R63 ***
R6360E		63mm	240	60	475 Cd		ES	1,000	R63 ***
R8060ES		80mm	240	60	3200 Cd		ES	1,000	R80 ***



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REFLECTOR

PAR 38 Sealed Beam Coloured Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
PAR3880			240	80	3		ES	2,000	***

*** Please specify Colour: Red, Green, Blue or Amber



REFLECTOR

PAR 38 Sealed Beam Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
PAR3880SP240			240	80	5400 Cd		ES	2,000	SPOT
PAR3880FL240			240	80	1800 Cd		ES	2,000	FLOOD
PAR38120SP240			240	120	9300 Cd		ES	2,000	SPOT
PAR38120FL240			240	120	3100 Cd		ES	2,000	FLOOD
PAR38120SP110			115	120			ES	2,000	SPOT
PAR38120SP24			24	120			ES	2,000	SPOT



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exact design may vary



REFLECTOR

PAR 56 Sealed Beam

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
PAR56300NSP240			240	300			GX16d		SPOT
PAR56300MFL240			240	300			GX16d		MEDIUM
PAR56300WFL240			240	300			GX16d		WIDE FLOOD



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STRIPLIGHT

Striplight

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
22130DETC	221mm		240	30	210		S15s	1,000	CLEAR
22130DETO	221mm		240	30	190		S15s	1,000	OPAL
22160DETC	221mm		240	60	465		S15s	1,000	CLEAR
22160DETO	221mm		240	60	420		S15s	1,000	OPAL
28430DETC	284mm		240	30	210		S15s	1,000	CLEAR
28430DETO	284mm		240	30	210		S15s	1,000	OPAL
28460DETC	284mm		240	60	465		S15s	1,000	CLEAR
28460DETO	284mm		240	60	465		S15s	1,000	OPAL



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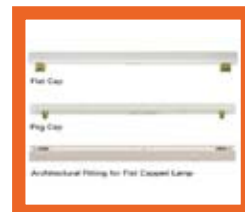
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INCANDESCENT LAMPS

ARCHITECTURAL

Architectural Flat Peg

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
ARCH35FLT			240	35	220		S14s	2,500	OPAL
ARCH60FLT			240	60	420		S14s	2,500	OPAL

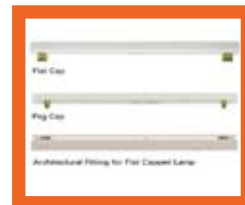


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ARCHITECTURAL

Architectural Round Peg

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
ARCH35RND			240	35			ROUND		OPAL
ARCH60RND			240	60			ROUND		OPAL
ARCH75RDN			240	75			ROUND		OPAL



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HIGH INTENSITY DISCHARGE LAMPS

TUBULAR

High Pressure Sodium Standard Son Tubular Clear Sodium

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONT50ES	156mm	39mm	240	50	3400		ES	28,500	
SONT70ES	156mm	39mm	240	70	5900		ES	28,500	
SONT100GES	186mm	48mm	240	100	9000		GES	28,500	
SONT150GES	211mm	48mm	240	150	15000		GES	28,500	
SONT250GES	260mm	48mm	240	250	28000		GES	28,500	
SONT400GES	292mm	48mm	240	400	48000		GES	28,500	
SONT1000GES	372mm	76mm	240	1000	130000		GES	24,000	



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ELLIPTICAL

Standard Son Elliptical Coated Sodium

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONE50ES	156mm	72mm	240	50	3000		ES	28,500	
SONE70ES	156mm	72mm	240	70	5600		ES	28,500	
SONE100GES	185mm	76mm	240	100	8000		GES	28,500	
SONE150GES	227mm	91mm	240	150	13500		GES	28,500	
SONE250GES	227mm	91mm	240	250	26500		GES	28,500	
SONE400GES	283mm	122mm	240	400	46500		GES	28,500	
SONE1000GES	372mm	180mm	240	1000	117000		GES	24,000	



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exact design may vary



TUBULAR

Integral Ignitor Tubular Clear

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONTI150GES	211mm	46mm	240	150	3000		GES	15,000	
SONTI250GES	260mm	46mm	240	250	5900		GES	15,000	
SONTI400GES	283mm	46mm	240	400	1500		GES	15,000	
SONTI600GES			240	600	28000		GES	15,000	
SONTI1000GES			240	1000	48000		GES	15,000	



for illustrative purposes only
exact design may vary

ELLIPTICAL

Integral Ignitor Elliptical Coated

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONEI50ES			240	50			GES	15,000	
SONEI70ES	156mm	70mm	240	70	5600		GES	15,000	
SONEI150GES	227mm	90mm	240	100	13500		GES	15,000	
SONEI250GES	227mm	90mm	240	250	26500		GES	15,000	
SONEI400GES	283mm	120mm	240	400	46500		GES	15,000	



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TUBULAR PLUS

Son Plus Tubular Clear High Output

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONTP50ES	156mm	39mm	240	50	4200		ES	24,000	
SONTP70ES	156mm	39mm	240	70	6500		ES	24,000	
SONTP100GES	211mm	48mm	240	100	10000		GES	24,000	
SONTP150GES	211mm	48mm	240	150	17200		GES	24,000	
SONTP250GES	260mm	48mm	240	250	33000		GES	24,000	
SONTP400GES	292mm	48mm	240	400	55000		GES	24,000	
SONTP600GES	292mm	48mm	240	600	90000		GES	24,000	



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ELLIPTICAL PLUS

Son Plus Elliptical Coated High Output

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONEP100GES	186mm	76mm	240	100	9500		GES	24,000	
SONEP150GES	227mm	91mm	240	150	16000		GES	24,000	
SONEP250GES	227mm	91mm	240	250	30000		GES	24,000	
SONEP400GES	292mm	122mm	240	400	54000		GES	24,000	



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exact design may vary

TUBULAR TWINARC

Son Twinarc Tubular Clear Long Life

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONTTA50ES	156mm	39mm	240	50	4000		ES	55,000	
SONTTA70ES	211mm	48mm	240	70	6500		ES	55,000	
SONTTA100GES	211mm	48mm	240	100	10000		GES	55,000	
SONTTA150GES	260mm	48mm	240	150	17000		GES	55,000	
SONTTA250GES	292mm	48mm	240	250	32000		GES	55,000	
SONTTA400GES	292mm	48mm	240	400	55000		GES	55,000	



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exact design may vary



ELLIPTICAL TWINARC

Son Twinarc Elliptical Coated Long Life

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONETA50ES	165mm	72mm	240	50	3600		ES	55,000	
SONETA70ES	165mm	72mm	240	70	6000		ES	55,000	
SONETA100GES	186mm	78mm	240	100	9500		GES	55,000	
SONETA150GES	227mm	91mm	240	150	15500		GES	55,000	
SONETA250GES	227mm	91mm	240	250	30000		GES	55,000	
SONETA400GES	292mm	122mm	240	400	52500		GES	55,000	



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HIGH INTENSITY DISCHARGE LAMPS

DOUBLE ENDED

Double Ended Son

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONTS150	183mm	23mm	240	150	14500		Fc2	8,000	
SONTS250			240	250			Fc2		
SONTS400			240	400			Fc2		
SONTD70	117.6mm	22mm	240	70	6800		Rx7S	20,000	
SONTD150	135.4mm	25mm	240	150	15000		Rx7S	20,000	
SONTD250	191mm	22.4mm	240	250	23000		Rx7S	20,000	
SONTD400	256mm	22.4mm	240	400	43000		Rx7S	20,000	



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exact design may vary



TUBULAR

Tubular Clear Sodium Mercury Free

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONTMF70ES	156mm	39mm	240	70	5300		ES	24,000	
SONTMF100GES	211mm	48mm	240	100	9000		ES	24,000	
SONTMF150GES	211mm	48mm	240	150	1600		GES	24,000	
SONTMF250GES	260mm	48mm	240	250	29000		GES	24,000	
SONTMF400GES	292mm	48mm	240	400	53000		GES	24,000	



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ELLIPTICAL

Elliptical Coated Sodium Mercury Free

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SONEMF70ES	165mm	72mm	240	70	5300		ES	24,000	
SONEMF100GES	186mm	76mm	240	100	9000		ES	24,000	
SONEMF150GES	227mm	91mm	240	150	1600		GES	24,000	
SONEMF250GES	227mm	91mm	240	250	29000		GES	24,000	
SONEMF400GES	292mm	122mm	240	500	53000		GES	24,000	



for illustrative purposes only
exact design may vary



SOX

Low Pressure Sodium

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SOXP35	311mm	54mm	240	35			BY22d	12,000	SOX PLUS
SOXP55	425mm	54mm	240	55			BY22d	12,000	SOX PLUS
SOXP90	528mm	68mm	240	90			BY22d	12,000	SOX PLUS
SOXP135	775mm	68mm	240	135			BY22d	12,000	SOX PLUS
SOXE26	311mm	54mm	240	26			BY22d	12,000	SOX ECONOMY
SOXE36	425mm	54mm	240	36			BY22d	12,000	SOX ECONOMY
SOXE66	528mm	68mm	240	66			BY22d	12,000	SOX ECONOMY
SOXE91	775mm	68mm	240	91			BY22d	12,000	SOX ECONOMY



for illustrative purposes only
exact design may vary



MERCURY / METAL HALIDE

MBF

Elliptical Coated Mercury Vapour

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MBFU50ES	130mm	56mm	240	50			ES	29,000	
MBFU80ES	166mm	71mm	240	80			ES	29,000	
MBFU80BC3	166mm	71mm	240	80			3-PIN BC	29,000	
MBFU125ES	178mm	76mm	240	125			ES	29,000	
MBFU125BC3	178mm	76mm	240	125			3-PIN BC	29,000	
MBFU250GES	227mm	91mm	240	250			GES	29,000	
MBFU400GES	292mm	122mm	240	400			GES	29,000	
MBFU700GES	357mm	152mm	240	700			GES	29,000	
MBFU1000GES	411mm	167mm	240	1000			GES	29,000	



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exact design may vary



MBF

Self Ballasted Mercury Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MBTF160ES	178mm	77mm	240	160			ES	16,000	
MBTF160BC	178mm	77mm	240	160			BC	16,000	
MBTF250GES	227mm	91mm	240	250			GES	16,000	
MBTF500GES	292mm	122mm	240	500			GES	16,000	



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exact design may vary



MBF

Mercury Vapour Reflector

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MBFR250GES			240	250			GES	28,000	
MBFR400GES			240	400			GES	28,000	



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exact design may vary

MBIL

MBIL Linear Metal Halide

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MBIL750	256mm		240	750			Rx7S	6500K	
MBIL1000	256mm		240	1000			Rx7S	6500K	
MBIL1500	256mm		240	1500			Rx7S	6500K	
MBIL1600	256mm		240	1600			Rx7S	6500K	
MBIL2000	311mm		240	2000			Rx7S	6500K	



for illustrative purposes only
exact design may vary



MERCURY / METAL HALIDE

HD

Linear Metal Halide

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
HD70R7S3K	115mm		240	70			RX7s	2,500	3000K WDL
HD70R7S4K	115mm		240	70			RX7s	2,500	4000K NDL
HD70R7S5K	115mm		240	70			RX7s		5000K DL
HD150R7S3K	132mm		240	150			RX7s		3000K WDL
HD150R7S4K	132mm		240	150			RX7s		4000K NDL
HD150R7S5K	132mm		240	150			RX7s		5000K DL
HD150R7S10K	132mm		240	150			RX7s		10000K
HD250FC23K	163mm		240	250			Fc2		3000K WDL
HD250FC24K	163mm		240	250			Fc2		4000K NDL
HD250FC210K	163mm		240	250			Fc2		10000K
HD70R7SBLU	115mm		240	70			RX7s		BLUE
HD70R7SRED	115mm		240	70			RX7s		MAGENTA
HD70R7SGRN	115mm		240	70			RX7s		GREEN
HD70R7SAMB	115mm		240	70			RX7s		AMBER
HD150R7SBLU	132mm		240	150			RX7s		BLUE
HD150R7SRED	132mm		240	150			RX7s		MAGENTA
HD150R7SGRN	132mm		240	150			RX7s		GREEN
HD150R7SAMB	132mm		240	150			RX7s		AMBER



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exact design may vary



HST

Tubular Metal Halide for Son Gear

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
HST70ES4K	156mm	38mm	240	70	5300		ES	15,000	4000K CLEAR
HST100ES4K	156mm	38mm	240	100	9000		ES	15,000	4000K CLEAR
HST150ES4K	156mm	38mm	240	150	14000		ES	15,000	4000K CLEAR
HST100GES4K	211mm	46mm	240	100	9000		GES	15,000	4000K CLEAR
HST150GES4K	211mm	46mm	240	150	14000		GES	15,000	4000K CLEAR
HST250GES4K	225mm	46mm	240	250	19000		GES	10,000	4000K CLEAR
HST250GES5K	225mm	46mm	240	250	16800		GES	10,000	5000K CLEAR
HST400GES4K	285mm	46mm	240	400	36000		GES	20,000	4000K CLEAR
HST400GES5K	285mm	46mm	240	400	32000		GES	20,000	5000K CLEAR
HST400GESBLU	285mm	46mm	240	400			GES	15,000	4000K BLUE
HST400GESMAG	285mm	46mm	240	400			GES	15,000	4000K MAGENTA
HST400GESGRN	285mm	46mm	240	400			GES	15,000	4000K GREEN



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MERCURY / METAL HALIDE

HSE

HSE Elliptical

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
HSE70ESC3K	141mm	54mm	240	70	5600		ES	15,000	3000K CLEAR
HSE70ESO3K	141mm	54mm	240	70	5300		ES	15,000	3000K COATED
HSE70ESC4K	141mm	54mm	240	70	5600		ES	15,000	4000K CLEAR
HSE70ESO4K	141mm	54mm	240	70	5300		ES	15,000	4000K COATED
HSE100ESC3K	141mm	54mm	240	100	9000		ES	15,000	3000K CLEAR
HSE100ESO3K	141mm	54mm	240	100	8500		ES	15,000	3000K COATED
HSE100ESC4K	141mm	54mm	240	100	9000		ES	15,000	4000K CLEAR
HSE100ESO4K	141mm	54mm	240	100	8500		ES	15,000	4000K COATED
HSE150ESC3K	141mm	54mm	240	150	14000		ES	15,000	3000K CLEAR
HSE150ESO3K	141mm	54mm	240	150	13300		ES	15,000	3000K COATED
HSE150ESC4K	141mm	54mm	240	150	14000		ES	15,000	4000K CLEAR
HSE150ESO4K	141mm	54mm	240	150	13300		ES	15,000	4000K COATED
HSE250GES4K	215mm	90mm	240	250	22000		GES	20,000	4000K CLEAR
HSE250GES4K	215mm	90mm	240	250	21000		GES	20,000	4000K COATED
HSE250GES4K	215mm	90mm	240	250			GES	20,000	5000K COATED
HSE400GES4K	296mm	120mm	240	400	44000		GES	20,000	4000K CLEAR
HSE400GES4K	296mm	120mm	240	400	42000		GES	20,000	4000K COATED
HSE400GES4K	296mm	120mm	240	400			GES	20,000	5000K COATED



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exact design may vary



for illustrative purposes only
exact design may vary



SINGLE ENDED

Bi-Pin Single Ended Metal Halide

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
HS70G123K	88mm	23mm	240	70			G12		3000K
HS70G124K	88mm	23mm	240	70			G12		4000K
HS150G123K	88mm	23mm	240	150			G12		3000K
HS150G124K	88mm	23mm	240	150			G12		4000K



for illustrative purposes only
exact design may vary



CERAMIC

Ceramic Double Ended Linear Metal Halide Constant Colour

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
CHD35R7S3K	118mm		240	35	3400		R7S	10,000	3000k
CHD70R7S3K	118mm		240	70	7000		Rx7S	15,000	3000K
CHD70R7S4K	118mm		240	70	6200		Rx7S	15,000	4000K
CHD150R7S3K	135mm		240	150	14500		Rx7S	15,000	3000K
CHD150R7S4K	135mm		240	150	12500		Rx7S	15,000	4000K



for illustrative purposes only
exact design may vary



MERCURY / METAL HALIDE

CERAMIC

Ceramic Single Ended Metal Halide Constant Colour

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
CHS20G123K	90mm		240	20	1650		G12	12,000	3000K
CHS35G123K	90mm		240	35	3400		G12	15,000	3000K
CHS35G124K	90mm		240	35	3400		G12	12,000	4000K
CHS70G123K	90mm		240	70	6400		G12	15,000	3000K
CHS70G124K	90mm		240	70	6000		G12	15,000	4000K
CHS150G123K	100mm		240	150	14000		G12	12,000	3000K
CHS150G124K	100mm		240	150	13000		G12	12,000	4000K



for illustrative purposes only
exact design may vary



CERAMIC

Ceramic Metal Halide Single Ended Tubular Constant Colour

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
CHST70ES3K	154mm		240	70	6400		ES	15,000	3000K
CHST70ES4K	154mm		240	70	6400		ES	15,000	4000K
CHST100GES3K	209mm		240	100	9200		GES	12,000	3000K
CHST100GES4K	209mm		240	100	9200		GES	12,000	4000K
CHST150GES3K	209mm		240	150	12900		GES	12,000	3000K
CHST150GES4K	209mm		240	150	12500		GES	15,000	4000K
CHST250GES3K	251mm		240	250	25000		GES	24,000	3000K
CHST400GES3K	251mm		240	400	42000		GES	20,000	3000K



for illustrative purposes only
exact design may vary



CDMR

PAR20 Ceramic Metal Halide Constant Colour

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
CHPAR2020SP3K	81mm	63mm	240	20			ES		3000K SPOT
CHPAR2020FL3K	81mm	63mm	240	20			ES		3000K FLOOD
CHPAR2035SP3K	81mm	63mm	240	35			ES		3000K SPOT
CHPAR2035FL3K	81mm	63mm	240	35			ES		3000K FLOOD
CHPAR2035SP4K	81mm	63mm	240	35			ES		4000K SPOT
CHPAR2035FL4K	81mm	63mm	240	35			ES		4000K FLOOD



for illustrative purposes only
exact design may vary



CDMR

PAR30 Ceramic Metal Halide Constant Colour

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
CHPAR3020SP3K	120mm	95mm	240	20			ES		3000K SPOT
CHPAR3020FL3K	120mm	95mm	240	20			ES		3000K FLOOD
CHPAR3035SP3K	120mm	95mm	240	35			ES		3000K SPOT
CHPAR3035FL3K	120mm	95mm	240	35			ES		3000K FLOOD
CHPAR3035SP4K	120mm	95mm	240	35			ES		4000K SPOT
CHPAR3035FL4K	120mm	95mm	240	35			ES		4000K FLOOD
CHPAR3070SP3K	120mm	95mm	240	70			ES		3000K SPOT
CHPAR3070FL3K	120mm	95mm	240	70			ES		3000K FLOOD



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exact design may vary



MCC28

Tubular Miniature Bayonet

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MCC28650	28mm	10mm	6			50ma	BA9S		
MCC286100	28mm	10mm	6			100ma	BA9S		
MCC286200	28mm	10mm	6			200ma	BA9S		
MCC286300	28mm	10mm	6			300ma	BA9S		
MCC286.3150	28mm	10mm	6.3			150ma	BA9S		
MCC286.5300	28mm	10mm	6.5			300ma	BA9S		
MCC287100	28mm	10mm	7			100ma	BA9S		
MCC288100	28mm	10mm	8			100ma	BA9S		
MCC281250	28mm	10mm	12			50ma	BA9S		
MCC2812100	28mm	10mm	12			100ma	BA9S		
MCC28122	28mm	10mm	12			2W	BA9S		
MCC28123	28mm	10mm	12			3W	BA9S		
MCC28125	28mm	10mm	12			5W	BA9S		
MCC281480	28mm	10mm	14			80ma	BA9S		
MCC2818100	28mm	10mm	18			100ma	BA9S		
MCC282425	28mm	10mm	24			25ma	BA9S		
MCC282440	28mm	10mm	24			40ma	BA9S		
MCC282450	28mm	10mm	24			50ma	BA9S		
MCC28242	28mm	10mm	24			2W	BA9S		
MCC28243	28mm	10mm	24			3W	BA9S		
MCC28244	28mm	10mm	24			4W	BA9S		
MCC28245	28mm	10mm	24			5W	BA9S		
MCC282840	28mm	10mm	28			40ma	BA9S		
MCC2828100	28mm	10mm	28			100ma	BA9S		
MCC283040	28mm	10mm	3			40ma	BA9S		
MCC283050	28mm	10mm	30			50ma	BA9S		
MCC28302	28mm	10mm	30			2W	BA9S		
MCC28303	28mm	10mm	30			3W	BA9S		
MCC283620	28mm	10mm	36			20ma	BA9S		
MCC284250	28mm	10mm	42			50ma	BA9S		
MCC284820	28mm	10mm	48			20ma	BA9S		
MCC284840	28mm	10mm	48			40ma	BA9S		
MCC285050	28mm	10mm	50			50ma	BA9S		
MCC286020	28mm	10mm	60			20ma	BA9S		
MCC28602	28mm	10mm	60			2W	BA9S		
MCC286050	28mm	10mm	60			50ma	BA9S		
MCC287020	28mm	10mm	70			20ma	BA9S		
MCC288020	28mm	10mm	80			20ma	BA9S		



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exact design may vary



MCC28

Tubular Miniature Bayonet

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MCC2813020	28mm	10mm	130			20ma	BA9S		
MCC2816020	28mm	10mm	160			20ma	BA9S		
MCC282404	28mm	10mm	240			3/4W	BA9S		



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exact design may vary



MCC23

Tubular Miniature Bayonet

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MCC236100	23mm	9mm	6			100ma	BA9S		
MCC236200	23mm	9mm	6			200ma	BA9S		
MCC236300	23mm	9mm	6			300ma	BA9S		
MCC2312100	23mm	9mm	12			100ma	BA9S		
MCC23122	23mm	9mm	12			2W	BA9S		
MCC23123	23mm	9mm	12			3W	BA9S		
MCC232450	23mm	9mm	24			50ma	BA9S		
MCC23242	23mm	9mm	24			2W	BA9S		
MCC23243	23mm	9mm	24			3W	BA9S		
MCC232840	23mm	9mm	28			40ma	BA9S		
MCC233040	23mm	9mm	30			40ma	BA9S		
MCC233050	23mm	9mm	30			50ma	BA9S		
MCC23302	23mm	9mm	30			2W	BA9S		
MCC23303	23mm	9mm	30			3W	BA9S		
MCC236020	23mm	9mm	60			20ma	BA9S		
MCC23602	23mm	9mm	60			2W	BA9S		
MCC2313020	23mm	9mm	130			20ma	BA9S		
MCC232403	23mm	9mm	240			3W	BA9S		



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exact design may vary



MCC23

Tubular Miniature Bayonet

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MCC11650	23mm	11mm	6			50ma	BA9S		
MCC116200	23mm	11mm	6			200ma	BA9S		
MCC116.3150	23mm	11mm	6.3			150ma	BA9S		
MCC116.5300	23mm	11mm	6.5			300ma	BA9S		
MCC1112100	23mm	11mm	12			100ma	BA9S		
MCC11122	23mm	11mm	12			2W	BA9S		
MCC11123	23mm	11mm	12			3W	BA9S		
MCC112450	23mm	11mm	24			50ma	BA9S		
MCC11242	23mm	11mm	24			2W	BA9S		
MCC11243	23mm	11mm	24			3W	BA9S		



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MCC23

Tubular Miniature Bayonet

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MCC11302	23mm	11mm	30			20ma	BA9S		
MCC114840	23mm	11mm	48			40ma	BA9S		
MCC116040	23mm	11mm	60			40ma	BA9S		



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exact design may vary

MCC15

Round Miniature Bayonet

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MCC15122	28mm	15mm	12			2W	BA9S		
MCC15123	28mm	15mm	12			3W	BA9S		
MCC15125	28mm	15mm	12			5W	BA9S		
MCC15242	28mm	15mm	24			2W	BA9S		
MCC15243	28mm	15mm	24			3W	BA9S		
MCC15245	28mm	15mm	24			5W	BA9S		
MCC15305	28mm	15mm	30			5W	BA9S		
MCC15605	28mm	15mm	60			5W	BA9S		



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exact design may vary



MES28

Tubular Miniature Edison Screw

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MES28650	28mm	10mm	6			50ma	E10		
MES286100	28mm	10mm	6			100ma	E10		
MES286200	28mm	10mm	6			200ma	E10		
MES286.3500	28mm	10mm	6.3			500ma	E10		
MES288100	28mm	10mm	8			100ma	E10		
MES28122	28mm	10mm	12			2W	E10		
MES28123	28mm	10mm	12			3W	E10		
MES28125	28mm	10mm	12			5W	E10		
MES2818100	28mm	10mm	18			100ma	E10		
MES282450	28mm	10mm	24			50ma	E10		
MES28242	28mm	10mm	24			2W	E10		
MES28243	28mm	10mm	24			3W	E10		
MES28245	28mm	10mm	24			5W	E10		
MES282840	28mm	10mm	28			40ma	E10		
MES2828100	28mm	10mm	28			100ma	E10		
MES283050	28mm	10mm	30			50ma	E10		
MES28302	28mm	10mm	30			2W	E10		
MES283650	28mm	10mm	36			50ma	E10		
MES284820	28mm	10mm	48			20ma	E10		
MES284840	28mm	10mm	48			40ma	E10		



for illustrative purposes only
exact design may vary

MES28

Tubular Miniature Edison Screw

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MES285050	28mm	10mm	50			50ma	E10		
MES286020	28mm	10mm	60			20ma	E10		
MES286050	28mm	10mm	60			50ma	E10		
MES2813020	28mm	10mm	130			20ma	E10		
MES282404	28mm	10mm	240			3/4W	E10		



for illustrative purposes only
exact design may vary

MES23

Tubular Miniature Edison Screw

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MES236200	23mm	9mm	6			200ma	E10		
MES236300	23mm	9mm	6			300ma	E10		
MES23122	23mm	9mm	12			2W	E10		
MES23123	23mm	9mm	12			3W	E10		
MES232450	23mm	9mm	24			50ma	E10		
MES23242	23mm	9mm	24			2W	E10		
MES23243	23mm	9mm	24			3W	E10		
MES232880	23mm	9mm	28			80ma	E10		
MES233050	23mm	9mm	30			50ma	E10		
MES233650	23mm	9mm	36			50ma	E10		
MES234820	23mm	9mm	48			20ma	E10		
MES236020	23mm	9mm	60			20ma	E10		



for illustrative purposes only
exact design may vary

MES11

Round Miniature Edison Screw

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MES112.5200	23mm	11mm	2.5			200ma	E10		
MES113.5200	23mm	11mm	3.5			200ma	E10		
MES116200	23mm	11mm	6			200ma	E10		
MES116300	23mm	11mm	6			300ma	E10		
MES116.5300	23mm	11mm	6.5			300ma	E10		
MES1122	23mm	11mm	12			2W	E10		
MES11123	23mm	11mm	12			3W	E10		
MES112450	23mm	11mm	24			50ma	E10		
MES11242	23mm	11mm	24			2W	E10		
MES11243	23mm	11mm	24			3W	E10		



for illustrative purposes only
exact design may vary

MES15

Round Miniature Edison Screw

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MES152.5500	28mm	15mm	2.5			500ma	E10		
MES153.61	28mm	15mm	3.6			1A	E10		
MES154550	28mm	15mm	4			550ma	E10		
MES1541	28mm	15mm	4			1A	E10		
MES156500	28mm	15mm	6			500ma	E10		
MES1561	28mm	15mm	6			1A	E10		
MES15123	28mm	15mm	12			3W	E10		
MES15243	28mm	15mm	24			3W	E10		



for illustrative purposes only
exact design may vary

BA7S

Miniature Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
BA7206100	20mm	7mm	6			100ma	BA7S		
BA7206200	20mm	7mm	6			200ma	BA7S		
BA72012100	20mm	7mm	12			100ma	BA7S		
BA72014100	20mm	7mm	14			100ma	BA7S		
BA7202420	20mm	7mm	24			20ma	BA7S		
BA7202450	20mm	7mm	24			50ma	BA7S		
BA720242	20mm	7mm	24			2W	BA7S		
BA720243	20mm	7mm	24			3W	BA7S		
BA7202840	20mm	7mm	28			40ma	BA7S		
BA7203040	20mm	7mm	30			40ma	BA7S		
BA720302	20mm	7mm	30			2W	BA7S		
BA7203620	20mm	7mm	36			20ma	BA7S		
BA7204820	20mm	7mm	48			20ma	BA7S		
BA7206020	20mm	7mm	60			20ma	BA7S		
BA7236200	23mm	7mm	6			200ma	BA7S		
BA72312100	23mm	7mm	12			100ma	BA7S		
BA7232450	23mm	7mm	24			50ma	BA7S		
BA723242	23mm	7mm	24			2W	BA7S		
BA7233050	23mm	7mm	30			50ma	BA7S		
BA7233650	23mm	7mm	36			50ma	BA7S		
BA7234850	23mm	7mm	48			50ma	BA7S		
BA7236020	23mm	7mm	60			20ma	BA7S		



for illustrative purposes only
exact design may vary



LES

Lilliput Edison Screw

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
LES156100	16mm	5.5mm	6			100ma	E5		
LES151250	16mm	5.5mm	12			250ma	E5		
LES1512100	16mm	5.5mm	12			100ma	E5		
LES151480	16mm	5.5mm	14			80ma	E5		
LES152435	16mm	5.5mm	24			35ma	E5		
LES152440	16mm	5.5mm	24			40ma	E5		
LES152840	16mm	5.5mm	28			40ma	E5		
LES153233	16mm	5.5mm	32			33ma	E5		
LES153620	16mm	5.5mm	36			20ma	E5		
LES154820	16mm	5.5mm	48			20ma	E5		
LES156020	16mm	5.5mm	60			20ma	E5		



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exact design may vary



T4.5

Sub Lilliput Telephone Slide

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T4.51220	16.5mm	4mm	12			20ma	T4.5		
T4.512100	16.5mm	4mm	12			100ma	T4.5		
T4.52420	16.5mm	4mm	24			20ma	T4.5		
T4.52450	16.5mm	4mm	24			50ma	T4.5		
T4.52840	16.5mm	4mm	28			40ma	T4.5		
T4.53020	16.5mm	4mm	30			20ma	T4.5		
T4.53040	16.5mm	4mm	30			40ma	T4.5		
T4.53620	16.5mm	4mm	36			20ma	T4.5		
T4.54820	16.5mm	4mm	48			20ma	T4.5		
T4.56020	16.5mm	4mm	60			20ma	T4.5		



for illustrative purposes only
exact design may vary

T4.6

Sub Lilliput Telephone Slide

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T4.61220	22mm	4.6mm	12			20ma	T4.6		
T4.612100	22mm	4.6mm	12			100ma	T4.6		
T4.62420	22mm	4.6mm	24			20ma	T4.6		
T4.62450	22mm	4.6mm	24			50ma	T4.6		
T4.62840	22mm	4.6mm	28			40ma	T4.6		
T4.63020	22mm	4.6mm	30			20ma	T4.6		
T4.63040	22mm	4.6mm	30			40ma	T4.6		
T4.63620	22mm	4.6mm	36			20ma	T4.6		
T4.64820	22mm	4.6mm	48			20ma	T4.6		
T4.66020	22mm	4.6mm	60			20ma	T4.6		



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T5.5

Short Lilliput Telephone Slide

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T5.51220	30mm	5.5mm	12			20ma	T5.5		
T5.51250	30mm	5.5mm	12			50ma	T5.5		
T5.52420	30mm	5.5mm	24			20ma	T5.5		
T5.52450	30mm	5.5mm	24			50ma	T5.5		
T5.52850	30mm	5.5mm	28			50ma	T5.5		
T5.53020	30mm	5.5mm	30			20ma	T5.5		
T5.53040	30mm	5.5mm	30			40ma	T5.5		
T5.56020	30mm	5.5mm	60			20ma	T5.5		



for illustrative purposes only
exact design may vary



T5.5K

Short Lilliput Telephone Slide

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T5.5K1220	22mm	5.5mm	12			20ma	T5.5K		
T5.5K1250	22mm	5.5mm	12			50ma	T5.5K		
T5.5K2420	22mm	5.5mm	24			20ma	T5.5K		
T5.5K2450	22mm	5.5mm	24			50ma	T5.5K		
T5.5K2850	22mm	5.5mm	28			50ma	T5.5K		
T5.5K3020	22mm	5.5mm	30			20ma	T5.5K		
T5.5K3040	22mm	5.5mm	30			40ma	T5.5K		
T5.5K6020	22mm	5.5mm	60			20ma	T5.5K		



for illustrative purposes only
exact design may vary



MINIATURES

T6.8

Standard Telephone Slide

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T6.81250	44mm	6.8mm	12			50ma	T6.8		
T6.812100	44mm	6.8mm	12			100ma	T6.8		
T6.62440	44mm	6.8mm	24			40ma	T6.8		
T6.82450	44mm	6.8mm	24			50ma	T6.8		
T6.824100	44mm	6.8mm	24			100ma	T6.8		
T6.82840	44mm	6.8mm	28			40ma	T6.8		
T6.82845	44mm	6.8mm	28			45ma	T6.8		
T6.83020	44mm	6.8mm	30			20ma	T6.8		
T6.83040	44mm	6.8mm	30			40ma	T6.8		
T6.83050	44mm	6.8mm	30			50ma	T6.8		
T6.83620	44mm	6.8mm	36			20ma	T6.8		
T6.84820	44mm	6.8mm	48			20ma	T6.8		
T6.86020	44mm	6.8mm	60			20ma	T6.8		



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exact design may vary



PSB

American Slide Base

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
6PSB	28mm	6.5mm	6			140ma	T2		
12PSB	28mm	6.5mm	12			170ma	T2		
24PSB	28mm	6.5mm	24			73ma	T2		
28PSB	28mm	6.5mm	28			40ma	T2		
48PSB	28mm	6.5mm	48			53ma	T2		
60PSB	28mm	6.5mm	60			50ma	T2		
120PSB	28mm	6.5mm	120			25ma	T2		



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MF

Midget Flange T1-3/4

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MF156200	16mm	6mm	6			200ma	6S/8		
MF1512100	16mm	6mm	12			100ma	6S/8		
MF151480	16mm	6mm	14			80ma	6S/8		
MF152435	16mm	6mm	24			35ma	6S/8		
MF152450	16mm	6mm	24			50ma	6S/8		
MF152824	16mm	6mm	28			24ma	6S/8		
MF152840	16mm	6mm	28			40ma	6S/8		
MF153020	16mm	6mm	30			20ma	6S/8		
MF153620	16mm	6mm	36			20ma	6S/8		
MF154820	16mm	6mm	48			20ma	6S/8		
MF156020	16mm	6mm	60			20ma	6S/8		



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MG

Midget Groove T1-3/4

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
MG156200	16mm	6mm	6			200ma	S5.7s		
MG1512100	16mm	6mm	12			100ma	S5.7s		
MG151480	16mm	6mm	14			80ma	S5.7s		
MG152435	16mm	6mm	24			35ma	S5.7s		
MG152450	16mm	6mm	24			50ma	S5.7s		
MG152824	16mm	6mm	28			24ma	S5.7s		
MG152840	16mm	6mm	28			40ma	S5.7s		
MG153020	16mm	6mm	30			20ma	S5.7s		
MG153620	16mm	6mm	36			20ma	S5.7s		
MG154820	16mm	6mm	48			20ma	S5.7s		
MG156020	16mm	6mm	60			20ma	S5.7s		



for illustrative purposes only
exact design may vary



BP

Bi-Pin

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
BP11220	16mm	4mm	12			20ma	T1		
BP11250	16mm	4mm	12			50ma	T1		
BP12420	16mm	4mm	24			20ma	T1		
BP1146200	20mm	5mm	6			200ma	T1-1/4		
BP1141235	20mm	5mm	12			35ma	T1-1/4		
BP1141480	20mm	5mm	14			80ma	T1-1/4		
BP1142420	20mm	5mm	24			20ma	T1-1/4		
BP1142450	20mm	5mm	24			50ma	T1-1/4		
BP1142824	20mm	5mm	28			24ma	T1-1/4		
BP1142840	20mm	5mm	28			40ma	T1-1/4		
BP112655	22mm	6mm	6			55ma	T1-1/2		
BP1121283	22mm	6mm	12			83ma	T1-1/2		
BP1122840	22mm	6mm	28			40ma	T1-1/2		
BP1346100	23mm	6mm	6			100ma	T1-3/4		
BP1346.3200	23mm	6mm	6.3			200ma	T1-3/4		
BP13412100	23mm	6mm	12			100ma	T1-3/4		
BP1341480	23mm	6mm	14			80ma	T1-3/4		
BP1342420	23mm	6mm	24			20ma	T1-3/4		
BP1342450	23mm	6mm	24			50ma	T1-3/4		
BP1342840	23mm	6mm	28			40ma	T1-3/4		
BP1343233	23mm	6mm	32			33mm	T1-3/4		
BP1344820	23mm	6mm	48			20ma	T1-3/4		
BP1346020	23mm	6mm	60			20ma	T1-3/4		



for illustrative purposes only
exact design may vary



SES

Small Edison Screw (SES) Pilot

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SES30122	30mm	13mm	12			2W	E14		
SES30123	30mm	13mm	12			3W	E14		
SES30125	30mm	13mm	12			5W	E14		
SES30242	30mm	13mm	24			2W	E14		
SES30243	30mm	13mm	24			3W	E14		
SES3-245	30mm	13mm	24			5W	E14		
SES30303	30mm	13mm	30			3W	E14		
SES35123	35mm	16mm	12			3W	E14		
SES35125	35mm	16mm	12			5W	E14		
SES35243	35mm	16mm	24			3W	E14		
SES35245	35mm	16mm	24			5W	E14		
SES35305	35mm	16mm	30			5W	E14		



for illustrative purposes only
exact design may vary

SES

Small Edison Screw (SES) Pilot

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SES35485	35mm	16mm	48			5W	E14		
SES35605	35mm	16mm	60			5W	E14		
SES351105	35mm	16mm	100/130			3/5W	E14		
SES351107	35mm	16mm	100/130			4/7W	E14		
SES2405	35mm	16mm	200/250			3/5W	E14		
SES352407	35mm	16mm	200/250			5/7W	E14		
SES431107	43mm	16mm	100/130			5/7W	E14		
SES432407	43mm	16mm	200/250			5/7W	E14		
SES48245	48mm	16mm	24			3/5W	E14		
SES48305	48mm	16mm	30			5W	E14		
SES48485	48mm	16mm	48			5W	E14		
SES40605	48mm	16mm	60			5W	E14		
SES481107	48mm	16mm	100/130			5/7W	E14		
SES4811010	48mm	16mm	100/130			7/10W	E14		
SES482407	48mm	16mm	200/250			5/7W	E14		
SES4824010	48mm	16mm	200/250			7/10W	E14		
SES54245	54mm	16mm	24			5W	E14		
SES542415	54mm	16mm	24			15W	E14		
SES54305	54mm	16mm	30			5W	E14		
SES543010	54mm	16mm	30			10W	E14		
SES54485	54mm	16mm	48			5W	E14		



for illustrative purposes only
exact design may vary

SBC

Small Bayonet Cap (SBC) Pilot

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SBC30122	30mm	13mm	12			2W	BA15d		
SBC30123	30mm	13mm	12			3W	BA15d		
SBC30125	30mm	13mm	12			5W	BA15d		
SBC30242	30mm	13mm	24			2W	BA15d		
SBC30243	30mm	13mm	24			3W	BA15d		
SBC30245	30mm	13mm	24			5W	BA15d		
SBC30303	30mm	13mm	30			3W	BA15d		
SBC35123	35mm	16mm	12			3W	BA15d		
SBC35125	35mm	16mm	12			5W	BA15d		
SBC35243	35mm	16mm	24			3W	BA15d		
SBC35245	35mm	16mm	24			5W	BA15d		
SBC35305	35mm	16mm	30			5W	BA15d		
SBC35485	35mm	16mm	48			5W	BA15d		
SBC48605	35mm	16mm	60			5W	BA15d		



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exact design may vary

SBC

Small Bayonet Cap (SBC) Pilot

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
SBC351105	35mm	16mm	100/130			3/5W	BA15d		
SBC351107	35mm	16mm	100/130			4/7W	BA15d		
SBC352405	35mm	16mm	200/250			3/5W	BA15d		
SBC352407	35mm	16mm	200/250			5/7W	BA15d		
SBC431107	43mm	16mm	100/130			5/7W	BA15d		
SBC432407	43mm	16mm	200/250			5/7W	BA15d		
SBC48245	48mm	16mm	24			3/5W	BA15d		
SBC48305	48mm	16mm	30			5W	BA15d		
SBC48485	48mm	16mm	48			5W	BA15d		
SBC48605	48mm	16mm	60			5W	BA15d		
SBC481107	48mm	16mm	100/130			5/7W	BA15d		
SBC4811010	48mm	16mm	100/130			7/10W	BA15d		
SBC482407	48mm	16mm	200/250			5/7W	BA15d		
SBC4824010	48mm	16mm	200/250			7/10W	BA15d		
SBC54245	54mm	16mm	24			5W	BA15d		
SBC542415	54mm	16mm	24			15W	BA15d		
SBC54305	54mm	16mm	30			5W	BA15d		
SBC543010	54mm	16mm	30			10W	BA15d		
SBC54485	54mm	16mm	48			5W	BA15d		



for illustrative purposes only
exact design may vary

CES

Candelabra Edison Screw (E12) Pilot

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
CES34122	34mm	13mm	12			2W	E12		
CES34182	34mm	13mm	18			2W	E12		
CES34242	34mm	13mm	24			2W	E12		
CES34243	34mm	13mm	24			3W	E12		
CES34282	34mm	13mm	28			2W	E12		
CES34303	34mm	13mm	30			3W	E12		
CES481203	48mm	19mm	120			3W	E12		
CES481206	48mm	19mm	120			6W	E12		



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exact design may vary

FESTOON

Festoon Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
FES62563	25mm	6mm	6			3W	S5.5		
FES62512100	25mm	6mm	12			100ma	S5.5		
FES625123	25mm	6mm	12			3W	S5.5		
FES625243	25mm	6mm	24			3W	S5.5		
FES625261	25mm	6mm	26			1W	S5.5		
FES628123	28mm	6mm	12			3W	S5.5		
FES628243	28mm	6mm	24			3W	S5.5		
FES63163	31mm	6mm	6			3W	S5.5		
FES631123	31mm	6mm	12			3W	S5.5		
FES631243	31mm	6mm	24			3W	S5.5		
FES63612100	36mm	6mm	12			100ma	S5.5		
FES636123	36mm	6mm	12			3W	S5.5		
FES636243	36mm	6mm	24			3W	S5.5		
FES831123	31mm	8mm	12			3W	S7		
FES831125	31mm	8mm	12			5W	S7		
FES831243	31mm	8mm	24			3W	S7		
FES831245	31mm	8mm	24			5W	S7		
FES831303	31mm	8mm	30			3W	S7		
FES836123	36mm	8mm	12			3W	S7		
FES836125	36mm	8mm	12			5W	S7		
FES836243	36mm	8mm	24			3W	S7		
FES836245	36mm	8mm	24			5W	S7		
FES836303	36mm	8mm	30			3W	S7		
FES836603	36mm	8mm	60			3W	S7		



for illustrative purposes only
exact design may vary



FESTOON

Festoon Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
FES839125	38mm	8mm	12			5W	S7		
FES839245	38mm	8mm	24			5W	S7		
FES8392410	38mm	8mm	24			10W	S7		
FES839305	38mm	8mm	30			5W	S7		
FES1144125	44mm	11mm	12			5W	S8		
FES11441210	44mm	11mm	12			10W	S8		
FES1144245	44mm	11mm	24			5W	S8		
FES11442410	44mm	11mm	24			10W	S8		
FES1144305	44mm	11mm	30			5W	S8		
FES1144485	44mm	11mm	48			5W	S8		
FES1144605	44mm	11mm	60			5W	S8		
FES1544125	44mm	15mm	12			5W	S8		
FES15441210	44mm	15mm	12			10W	S8		
FES15441215	44mm	15mm	12			15W	S8		
FES1144245	44mm	15mm	24			5W	S8		
FES15442410	44mm	15mm	24			10W	S8		
FES15442415	44mm	15mm	24			15W	S8		
FES1544305	44mm	15mm	30			5W	S8		
FES1544485	44mm	15mm	48			5W	S8		



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exact design may vary



WBC

Wedge Base Capless

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
WBC1126200	20mm	5mm	6			200ma	T1-1/2		
WBC1121230	20mm	5mm	12			30ma	T1-1/2		
WBC11212100	20mm	5mm	12			100ma	T1-1/2		
WBC1122430	20mm	5mm	24			30ma	T1-1/2		
WBC1122840	20mm	5mm	28			40ma	T1-1/2		
WBC1346.3200	22mm	6mm	6.3			200ma	T1-3/4		
WBC1341480	22mm	6mm	14			80ma	T1-3/4		
WBC1342840	22mm	6mm	28			40ma	T1-3/4		
WBC3146.3250	28mm	10mm	6.3			250ma	T3-1/4		
WBC31412250	28mm	10mm	12			250ma	T3-1/4		
WBC3142430	28mm	10mm	24			30ma	T3-1/4		
WBC314242	28mm	10mm	24			2W	T3-1/4		
WBC314243	28mm	10mm	24			3W	T3-1/4		
WBC31428100	28mm	10mm	28			100ma	T3-1/4		



for illustrative purposes only
exact design may vary



NAVIGATION

NAVIGATION

Navigation Lamp with Offset Pins

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
1212U	70mm	25mm	12			10cd	BAY15d	1,000	
1230U	70mm	25mm	12			30cd	BAY15d	1,000	
2430U	70mm	25mm	24			30cd	BAY15d	1,000	



for illustrative purposes only
exact design may vary

NAVIGATION

Navigation Lamp with BC Cap

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
2450Z	99mm	38mm	24			50cd	B22d	1,000	
2250Z	99mm	38mm	220			50cd	B22d	1,000	
SM85	100mm	38mm	220			65cd	B22d	1,000	
1150Z			110			50cd	B22d	1,000	



for illustrative purposes only
exact design may vary

NAVIGATION

Navigation Lamp with Flanged Base

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
2450C	105mm	39mm	24			50cd	P28s	1,000	
1150C	105mm	39mm	110			50cd	P28s	1,000	
2250C	105mm	39mm	220			50cd	P28s	1,000	



for illustrative purposes only
exact design may vary

NAVIGATION

Navigation Lamp with Locking Flange

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
P30S12550	50mm	26mm	12			550ma	P30s	500	
P30S122.03	50mm	26mm	12			2.03A	P30s	500	
P30S123.05	50mm	26mm	12			3.05A	P30s	500	



for illustrative purposes only
exact design may vary

NAVIGATION

Aldis Lamp with Black Top

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
ALDIS1260P30D	65mm	45mm	12			60W	P30d	1,000	
ALDIS2460P30D	65mm	45mm	24			60W	P30d	1,000	



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T CLASS

Theatre Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T1	138mm	95mm	240	500		3/5W	P28s		



for illustrative purposes only
exact design may vary



T CLASS

Bi-Pin Halogen

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T11	110mm	36mm	240	1000			GX9.5		
T18	91mm	26mm	240	500			GY9.5		
T26	90mm	25mm	240	500			GY9.5		
T29	126mm	29mm	240	1200			GX9.5		



for illustrative purposes only
exact design may vary

T CLASS

Bi-Pin Halogen

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T11-110V	110mm	36mm	110	1000			GX9.5		
T12	110mm	27mm	240	650			GX9.5		



for illustrative purposes only
exact design may vary

T CLASS

Halogen Version of T1

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
T28	130mm	21mm	240	500			P28s		



for illustrative purposes only
exact design may vary

T CLASS

Bi-Pin Halogen for Stage / Studio / Marine Use

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
CP40	142mm	35mm	240	1000			G22		
CP41	209mm	41mm	240	2000			G38		
CP43	145mm	41mm	240	2000			GY16		
CP70	110mm	31mm	240	1000			GX9.5		
CP71	145mm	40mm	240	1000			G22		



for illustrative purposes only
exact design may vary

T CLASS

PAR64

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
CP60	150mm	206mm	240	1000			GX16d		SPOT
CP61	150mm	206mm	240	1000			GX16d		MEDIUM
CP62	150mm	206mm	240	1000			GX16d		FLOOD
CP86	150mm	206mm	240	500			GX16d		SPOT
CP87	150mm	206mm	240	500			GX16d		MEDIUM
CP88	150mm	206mm	240	500			GX16d		FLOOD



for illustrative purposes only
exact design may vary



for illustrative purposes only
exact design may vary



A1 CLASS

Bi-Pin Halogen Projector Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
A1/215	44mm	11mm	12	100			GY6.35		
A1/216	44mm	11mm	24	150			G6.36		
A1/220	44mm	11mm	12	50			G6.35		
A1/223	55mm	14mm	24	250			G6.35		
A1/233	66mm	22mm	240	650			GY9.5		
A1/234	44mm	11mm	15	150			G6.35		
A1/239	60mm	18mm	36	400			G6.35		
A1/244	75mm	22mm	240	500			GY9.5		
A1/245	87mm	22mm	240	800			GY9.5		
A1/247	75mm	22mm	240	650			GY9.5		
A1/248	62mm	16mm	240	150			G6.35		
A1/249	62mm	16mm	240	300			G6.35		
A1/262	61mm	15mm	24	150			GY9.5		



for illustrative purposes only
exact design may vary

A1 CLASS

MR16 Dichroic Halogen Projector Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
A1/230	44mm	50mm	12	75			GZ6.35		
A1/231	44mm	50mm	12	100			GZ6.35		
A1/232	44mm	50mm	15	150			GZ6.35		
A1/252	44mm	50mm	24	200			GX5.3		
A1/259	44mm	50mm	24	250			GX5.3		



for illustrative purposes only
exact design may vary

A1 CLASS

Linear Halogen Projector Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
A1/228	91mm	13mm	240	600			R7S		



for illustrative purposes only
exact design may vary

A1 CLASS

Halogen Reflector Projector Lamp

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
A1/258	48mm	44mm	24	250			GX7.9		



ANSI

Single Ended Halogen

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
BTL	128mm	20mm	120	500			P28s		
BTP	128mm	23mm	120	750			P28s		
BTR	128mm	23mm	120	1000			P28s		



for illustrative purposes only
exact design may vary



ANSI

MR16 Halogen Dichroic

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
DDL	44mm	50mm	20	150			GX5.3		
DDM	44mm	50mm	19	80			GX5.3		
DDS	44mm	50mm	21	80			GX5.3		
DED	44mm	50mm	13.8	85			GX5.3		
DJT	44mm	50mm	13.8	50			GX5.3		
EJM	44mm	50mm	21	150			GX5.3		
EKX	44mm	50mm	21	200			GX5.3		
EKZ	44mm	50mm	10.8	30			GX5.3		
ELD	44mm	50mm	21	150			GX5.3		
ELH	44mm	50mm	120	300			GY5.3		
ENH	44mm	50mm	120	250			GY5.3		
ENL	44mm	50mm	12	50			GX5.3		
ENX	44mm	50mm	82	360			GY5.3		
EPZ	44mm	50mm	13.8	50			GX5.3		
EVW	44mm	50mm	82	250			GY5.3		
EWf	44mm	50mm	24	200			GX5.3		
FHX	44mm	50mm	13.8	25			GX5.3		
FXL	44mm	50mm	82	410			GY5.3		



for illustrative purposes only
exact design may vary

ANSI

MR13 Halogen Dichroic

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
EXR	44mm	42mm	82	300			GX5.3		

ANSI

MR11 Halogen Dichroic

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
FLT	38mm	35mm	13.8	25			GZ4		



ANSI

Bi-Pin Halogen Capsule

CODE	LENGTH	WIDTH / DIAMETER	VOLTS	WATTS	LIGHT INTENSITY	RATING	CAP	LIFE (HRS)	DESCRIPTION
FNT	55mm	14mm	24	275			G6.35		

CONTROL GEAR

Electronic ballasts for T8 Fluorescent

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	CIRCUIT POWER	HOLE SPACES
PCP18T8	PC 1 x 18w T8 PRO	22185213	230x30x21mm	16w	18.3w	220mm
PCP36T8	PC 1 x 36w T8 PRO	22185214	230x30x21mm	32w	35.2w	220mm
PCP58T8	PC 1 X 58w T8 PRO	22185215	230x30x21mm	50w	54.5w	220mm
PCP70T8	PC 1 x 70w T8 PRO	22176171	234x40x28mm	60w	65.6w	220mm
PCP218T8	PC 2 x 18w T8 PRO	22185216	280x30x21mm	32m	35.3w	270mm
PCP236T8	PC 2 x 36w T8 PRO	22185217	280x30x21mm	64w	71.1w	270mm
PCP258T8	PC 2 x 58w T8 PRO	22185218	280x30x21mm	100w	109w	270mm
PCP270T8	PC 2 x 70w T8 PRO	22176232	360x40x28mm	120w	136.8w	350mm
PCP336T8	PC 3 x 36w T8 PRO	22176231	360x40x28mm	96w	106.5w	350mm
PCP3/418T8	PC 3/4x18w T8 PRO	22185219	280x30x21mm	64w	69.2w	270mm



for illustrative purposes only
exact design may vary

Electronic ballasts for T5 & CFL Fluorescent

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	CIRCUIT POWER	HOLE SPACES
PCP35T5	PC 1 x 14-21-28-35w T5 PRO	22185147	280x30x21mm			270mm
PCP24T5	PC 1/24w T5 PRO	22185149	280x30x21mm	22.5w	24.8w	270mm
PCP39T5	PC 1/39w T5 PRO	22185151	280x30x21mm	38w	41.5w	270mm
PCP49T5	PC 1/49w T5 PRO	22185153	280x30x21mm	49.2w	52.7w	270mm
PCP54T5	PC 1/54w T5 PRO	22185155	280x30x21mm	54.1w	57w	270mm
PCP80T5	PC 1/80w T5 PRO	22185209	280x30x21mm	55/79.8w	57w	270mm



for illustrative purposes only
exact design may vary

Electronic ballasts for T8 & CFL

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	CIRCUIT POWER	HOLE SPACES
PCP18TCL	PC 1/18/24w TCL PRO	22176068	234x40x28mm	16/22w	18.5/25w	220mm
PCP36TCL	1/36w TCL PRO	22176141	234x40x28mm	32w	33.8/34.2w	220mm
PCP40TCL	1/40w TCL PRO	22176142	234x40x28mm	40w	44.1w	220mm
PCP55TCL	1/55w TCL PRO	22176169	234x40x28mm	55w	61.1w	220mm
PC218TCL	2/18/24w TCL PRO	22176069	234x40x28mm	32/44w	36/49w	220mm
PCP236TCL	PC 2/36w TCL PRO	22176170	234x40x28mm	64w	72.6/72.8w	220mm
PCP240TCL	PC 2/40w TCL PRO	22176143	234x40x28mm	80w	89.6w	220mm
PCP255TCL	PC 2/55w TCL PRO	22176233	360x40x28mm	110w	121.1w	350mm



for illustrative purposes only
exact design may vary

CONTROL GEAR

Ignitors for HPS & Metal Halide Lamps - Standard superimposed-pulse ignitor

CODE	DESCRIPTION	ARTICLE NO.	IGNITION VOLT Kv	SODIUM VAPOUR LAMP	METAL HALIDE LAMP	MAX CABLE
ZRM2ESC	ZRM 2-ES/C	87500086	5v	35-70w	70w	4m
ZRM2.5ES/C	ZRM 2.5-ES/C	87500087	5v	70-250w	35-250w	1.5m
ZRM4.5ES/C	ZRM 4.5-ES/C OUTDOOR USE	87500082	5v	70-400w	35-400w	1.5m
ZRM6ES/C	ZRM 6-ES/C IGNITION VOLT-AGE 4-5kv	87500089	5v	70-400w	35-400w	1.5m
ZRM12ESC	ZRM 12 ES/C standard superimposed ignitor	87500083	5v	250-1000w	250-1000w	3m
ZRM12ESC400	ZRM 12 ES/C 400 standard ignitor 400v	87500084	5v	600-1000w	1000-2000w	3m
ZRM12ESB400	ZRM 20-ES/B standard ignitor 400v	20826425	4-5v		2000-3500w	3m



for illustrative purposes only
exact design may vary

Digital superimposed-pulse ignitor

CODE	DESCRIPTION	ARTICLE NO.	IGNITION VOLT Kv	SODIUM VAPOUR LAMP	METAL HALIDE LAMP	MAX CABLE
ZRM2.5ES/CT	ZRM 2.5-ES/CT	87500081	5v	35-70w	70w	4m
ZRM4.5ES/CT	ZRM 4.5-ES/CT	87500082	5v	70-400w	35-400w	1.5m
ZRM6ESCT	70-400w SON & 35-400w M/H IGNITOR	87500000	5v	70-400w	35-400w	1.5m
ZRM12ES/CT	250-1000w SON & 250-1000w M/H IGNITOR	87500089	5v	250-1000w	250-1000w	3m



for illustrative purposes only
exact design may vary

Pulse Ignitors

CODE	DESCRIPTION	ARTICLE NO.	IGNITION VOLT Kv	SODIUM VAPOUR LAMP	METAL HALIDE LAMP	MAX CABLE
ZRM4000	4000 power pulse	86458458	4.1kv	70-1000w	35-1800w	40m
ZRM1000A004	ZRM 1000 A004 IGNITOR	87500067	0.65-0.9Kv		250-1000w	40m
ZRM2300C201	ZRM 2300 C201 IGNITOR	87500000	2.3kv	50-70w		see data sheet
ZRM4000C201	ZRM 4000 C201 IGNITOR	87500001	4.5Kv	100-1000w	35-1000w	see data sheet
ZRM4000B101	ZRM 4000 B101 IGNITOR	87500002	4.5Kv	100-400w		see data sheet
ZRM1200/400A0	ZRM 1200/400 IGNITOR	89121941	1-1.4Kv		2000w	100m



for illustrative purposes only
exact design may vary

PHILIPS HID Basic BHL MK4 for HPL/HPI

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	HOLE SPACES
BHL50/80K407	50/80 Multiwattage	94007700	118x61x52mm	50/80w	94mm
BHL80/125K407	80/125 Multiwattage	94013800	118x61x52mm	80/125w	94mm
BHL250K307	MBF / HPL Ballast	88701300	134x76x65mm	250w	113mm
BHL400K307	230/240v 50Hz BC2-160 Ballast	88703700	160x76x65mm	400w	139mm



for illustrative purposes only
exact design may vary

PHILIPS Electronic ballasts for T8 Fluorescent

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	HOLE SPACES
HFR118TLDE11	HF-R 1x18 TL-D EII	91190230	360x30x22mm	18w	350mm
HFR136TLDE11	HF-R 1x36 TL-D EII	91013430	360x30x22mm	36w	350mm
HFR158TLDE11	HF-R 1x58 TL-D EII	91017230	360x30x22mm	58w	350mm
HFR218TLDE11	HF-R 2x18 TL-D EII	91192630	360x30x22mm	2x18w	350mm
HFR236TLDE11	HF-R 2x36 TL-D EII	91015830	360x30x22mm	2x36w	350mm
HFR258TLDE11	HF-R 2x58 TL-D EII	91019630	360x30x22mm	2x58w	350mm
HFR318TLDE11	HF-R 3x18W 1-10V Regulating Ballast for TLD	91376030	359x39x22mm	3x18w	350mm
HFR418TLDE11	HF-R 4x18W 1-10V Regulating Ballast for TLD	91366130	359x39x22mm	4x18w	350mm



for illustrative purposes only
exact design may vary

PHILIPS Electronic ballasts for T5 Fluorescent

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	HOLE SPACES
HFR114-35TL5	HF-R 1x14-35 TL5 EII	91180330	360x30x22mm	14-35w	350mm
HFR124TL5	HF-R 1x24 TL5/PL-L EII	91466830	359x30x22mm	24w	350mm
HFR139TL5	HF-R 1x39 TL5 EII	91468230	359x30x22mm	39w	350mm
HFR149TL5	HF-R 1x49 TL5 EII	90998530	360x30x22mm	49w	350mm
HFR154TL5	HF-R 1x54 TL5 EII	91005930	360x30x22mm	54w	350mm
HFR180TL5	HF-R 1x80 TL5/PL-L EII	91011030	360x30x22mm	80w	350mm
HFR214-35TL5	HF-R 2x14-35 TL5 EII	91178030	360x30x22mm	2x14-35w	350mm
HFR224TL5	HF-R 2x24 TL5/PL-L EII	91472930	359x30x22mm	2x24w	350mm
HFR239TL5	HF-R 2x39 TL5 EII	91474330	359x30x22mm	2x39w	350mm
HFR249TL5	HF-R 2x49 TL5 EII	91003530	360x30x22mm	2x49w	350mm
HFR254TL5	HF-R 2x54 TL5 EII	91008030	360x30x22mm	2x54w	350mm
HFR280TL5	HF-R 2x80 TL5/PL-L EII	91065330	425x30x22mm	2x80w	415mm
HFR314TL5	HF-R 3x14 TL5 EII	91368530	359x39x22mm	3x14w	350mm
HFR414TL5	HF-R 4x14w 1-10v Regulating Ballast for TL5	91364730	359x39x22mm	4x14w	350mm



for illustrative purposes only
exact design may vary

PHILIPS Heavy Duty BSN for SON/CDO/MH/HPI

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	HOLE SPACES
BSN70L34TS	SON BALLAST THERMAL SWITCH	5970331	118x65x53mm	70w	103mm
BSN100L34TS	SON BALLAST THERMAL SWITCH	5974131	123x65x53mm	100w	108mm
BSN150L34TS	SON BALLAST THERMAL SWITCH	5962830	134x81x66mm	150w	115.5mm
BSN250L34TS	SON BALLAST THERMAL SWITCH	5966630	160x81x66mm	250w	141.5mm
BSN400L34TS	SON BALLAST THERMAL SWITCH	5978930	166x102x84mm	400w	147.5mm



for illustrative purposes only
exact design may vary

PHILIPS Electronic Ballasts for PL-T/C

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	HOLE SPACES
HFR126-42PLT/CE11	1-10v REGULATING BALLAST for PLC/T	80971800	123x79x67x33mm	26-42w	111mm
HFR226PLC/T	1-10v REGULATING BALLAST for PLC/T	80972500	123x79x67x33mm	2x 26-42w	111mm



for illustrative purposes only
exact design may vary

PHILIPS HID BSX for SOX

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	HOLE SPACES
BSX3555L82	35/55W SOX BALLAST	92053930	196x54x54mm	35/55w	180mm
BSX90L32	SOX 66W SOX-E BALLAST	91534431	118x65x53mm	90w	103mm



for illustrative purposes only
exact design may vary

PHILIPS HID Constant Wattage BSX for SOX

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	HOLE SPACES
BSX91H96	H96 91W SOX BALLAST	92039399	149x80x67mm	91w	135mm
BSX131H96	H96 131W SOX-E BALLAST	91978699	178x100x74mm	131w	162mm
BSX135H96	H96 135W SOX SOX-E BALLAST	92007299	149x80x67mm	135w	135mm
BSX180H96	H96 180W SOX BALLAST	93900599	178x100x78mm	180w	162mm



for illustrative purposes only
exact design may vary

PHILIPS HID Ignitors

CODE	DESCRIPTION	ARTICLE NO.	DIMENSIONS	LAMP POWER	HOLE SPACES
S151	220-240v 50/60hz IGNITOR	91553530	84.5x41x38mm	250/400w	Screw
S154	360-415v 50/60hz IGNITOR	91548130	114.5x41x38mm	1000/2000w	Screw
SK578	SON/MHN/CDO/CDM IGNITOR	89568100	67.5x40.5x28mm	35/600w	Screw
SN57	220-240v 50/60hz	91555930	85.5x41.5x38.5mm	250/400w	Screw
SN57S	IGNITOR 220-240v 50/60hz	6052530	89x41x38mm	50/70w	Screw
SN58	IGNITOR 100-400w	91556630	84.5x41x38mm	35/400w	Screw
SN58S	IGNITOR 100-600w	74175230	89x41x38mm	100/600w	Screw
SN61	220-240v 50/60hz 1000/1800w	91639630	114.5x41x38mm	1000/1800w	Screw
SX74	220-240v 50/60Hz 91/135WSOX IGNITOR	91569630	114.5x41x38mm	91/135w	Screw
SX76	220-240v 50/60Hz 66/90w SOX IGNITOR	91640230	114.5x41x38mm	66/90w	Screw
SX26	220-240v 50/60Hz 26/35w SOX IGNITOR	91590030	114.5x41x38mm	26/35w	Screw
SX70	220-240v 50/60Hz 90w SOX IGNITOR	91549830	114.5x41x38mm	90w	Screw
SX72	220-240v 50/60Hz 90W 35/55W SOX IGNITOR	91561030	114.5x41x38mm	35/55w	Screw
SX73	220-240v 50/60Hz 180W SOX IGNITOR	92005830	85.5x41.5x38.5mm	180w	Screw



for illustrative purposes only
exact design may vary

SES



ES



BC



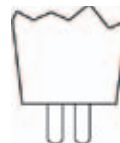
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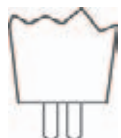
GU10



GU5.3



GU4



G53



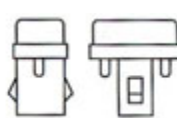
G5



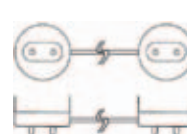
G13



G23



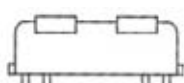
2xG13



2G7



2G10



2G11



G24



d-1



d-2



d-3



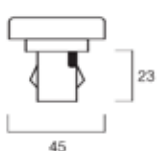
G24



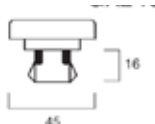
q-1



Gx24d



Gx24q



GR8



GR10



SES



ES



R7S



BC



GES



SBC



GU10



GX53



CAPS

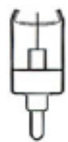
G5



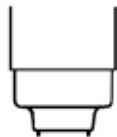
G13



Fa6



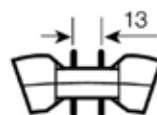
RDC



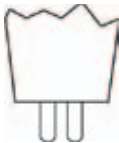
G10q



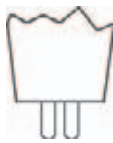
2Gx13



GU5.3



GU4



GU10



SES



ES



R7S



BC



GES



GY6.35



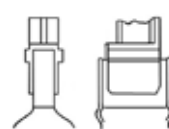
Gx16d



S15s



FC2



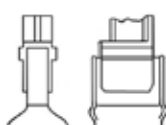
Rx7s



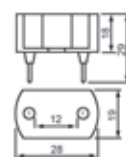
BY22d



FC2



G12



BA9S (9 x 23mm)



BA9S (10 x 28mm)



BA9S (11 x 23mm)



BA9S (15 x 28mm)



MES (9 x 23mm)



MES (10 x 28mm)



MES (11 x 23mm)



MES (15 x 28mm)



BA7S (7 x 20mm)



MF



MG



LES



T4.6



T5.5



T6.8



PSB



FESTOON



WBC



BP (Bi Pin)



P28s



P30s



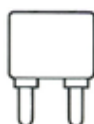
P28s



G22



G38



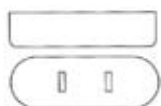
Gx16d



GY6.35



GX5.3



R7S



P28s

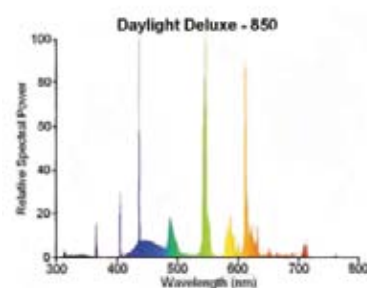
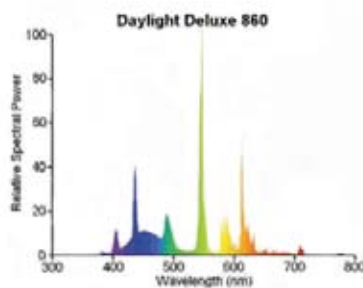
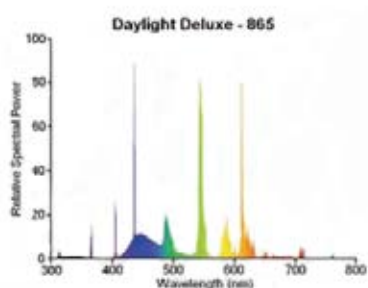
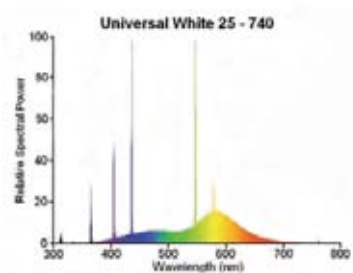
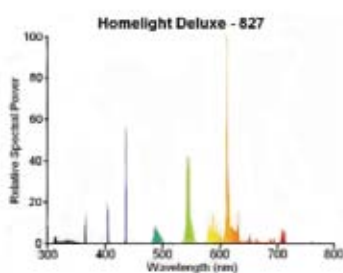
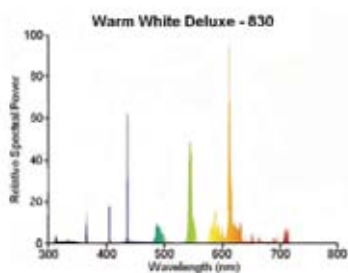
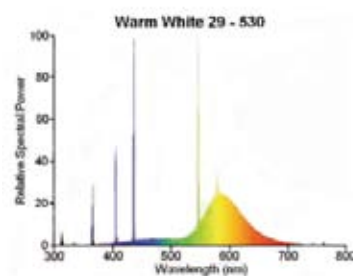
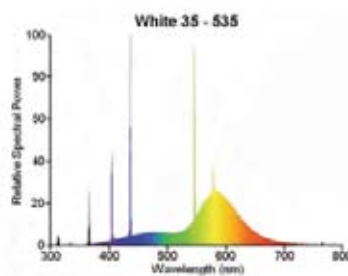
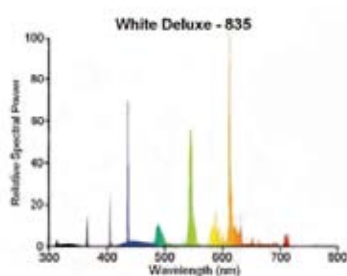


SPECTRAL POWER DISTRIBUTION CHARTS

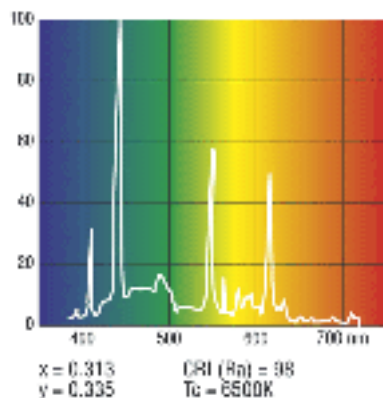
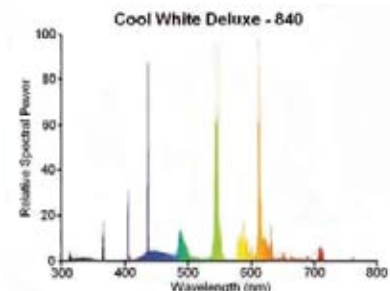
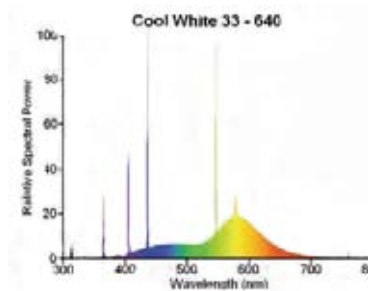
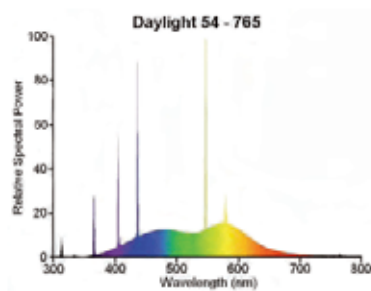
Spectral power distribution curves provide the user with the visual profile of the colour characteristics of a light source. They show the radiant power emitted by the source at each wavelength or band of wavelengths over the visible region (380-760nm).

The quality of the colour of a lamp is in general described by specifying two important characteristics. These are colour appearance and colour rendering. Colour appearance is defined by x and y coordinates which position it in the CIE triangle, which colour temperature (CCT) defines how "warm" or "cool" it looks.

The colour rendering index (Ra) provides a measure of how accurately the light source reproduces colours lit by natural light. A figure of 100% would be perfect.



SPECTRAL POWER DISTRIBUTION CHARTS



CONTROL GEAR

COMPACT FLUORESCENT

2D	15
CFS 2 Pin	10
U Tubes	10
CFSE 4	11
CFF 4 Pin	11
CFL 4 Pin	12
CFD 2 Pin	13
CFDE 4 Pin	13
CFT 2 Pin	14
CFTE 4 Pin	14
CF Stick	15
Mini Lynx	17
Triple Turn	17
Spiral	18
Clusterlite	18
Golf Balls	19
Candles	19
Ambience	20
SL	20
PAR50 GU10	20
R50 SES	21
ES Reflector	21
AR111	21

FLUORESCENT TUBES

Blacklight Bulb	25
Blacklight Flykiller	26-27
Blacklight Flykiller Circular	28
Daylight Full Spectrum	23
Germicidal	25-26
Gourmet / Deluxe Natural	27
Grolux	25
High Frequency	28
Recessed Double Contact High Output	28
Single Pin	27
Single Pin Luma Long Life	27
Standard	20
Multi-phosphor	21-22
Polestar Longlife	23
Triphosphor	21-22,24
Whitestar Longlife	23

HIGH INTENSITY DISCHARGE LAMPS

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Elliptical Coated Mercury Free Sodium	46
High Pressure Sodium	44
Integral Ignitor Elliptical Coated	44
Integral Ignitor Tubular Clear	44
Low Pressure Sodium	46
Son Plus Elliptical Coated High Output	45
Son Plus Tubular Clear High Output	45
Son Twinarc Elliptical Coated Long Life	45
Son Twinarc Tubular Clear Long Life	45
Standard Son Tubular Clear Sodium	44
Tubular Clear Mercury Free Sodium	46

73 INCANDESCENT LAMPS	
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Coloured Reflector	42
Crown Silver GLS Shape	40
Crown Silver Lemon Shape	40
Daylight Blue GLS	37
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Extra Low Voltage GLS Pearl	37
Extra Low Voltage Pigmy Sign	40
Flicker Candle	39
Flick Tip Clear Candle	39
Gold Tint Lantern Candle	39
Golf Ball Clear Round Bulb	40
Low Voltage Pigmy Sign	40
Pigmy Sign	41
Plain Candle	38
Rough Service Pearl	38
Sealed Beam Coloured Reflector	42
Sealed Beam Reflector	43
Standard GLS Clear	37
Striplight	43
Twisted Candle	39

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2D LED	4
AR111	6
Candle	4
Golfball	4
GLS Shape	4
GU10	5
LED Panel	7
LED Drivers	8
LV	6
MR11	4
MR16	5
R50	6
T5	7
T8	7

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Bi-pin Single Ended	49
Ceramic Double Ended Linear	49
Ceramic Double Ended	49
Ceramic Single Ended	50
Ceramic Single Ended Tubular	50
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HSE Elliptical	49
Linear	48
MBIL Linear	47
Mercury Vapour Reflector	47
Self Ballasted Mercury Lamp	47
Tubular for Son Gear	48

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American Slide Base	58
Bi-Pin	59
Candelabra Edison Screw Pilot Lamp, Miniature	62
Liliput Edison Screw	55
Midget Flange	56
Midget Groove	58
Round Miniature Bayonet	53

Round Miniature Edison Screw	53-55
Short Liliput Telephone Slide	57
Small Bayonet Cap Pilot	61
Small Edison Screw Pilot	60
Standard Telephone Slide	58
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Tubular Miniature Edison Screw	53-54
Wedge Base Capless	63

FESTOON 62-63

NAVIGATION

Aldis Lamp with Black Top	64
Navigation Lamp with BC Cap	64
Navigation Lamp with Flanged base	64
Navigation Lamp with Locking Flange	64
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Bi-Pin Halogen	65
Bi-Pin Halogen for Stage / Studio / Marine Use	65
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Dichroic Halogen Projector Lamp	66
Halogen Capsule	67
Halogen Dichroic	67
Halogen Reflector Projector Lamp	66
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Linear Halogen Projector Lamp	66
PAR64	65
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Theatre Lamp	65

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Aluminium Reflector	31-32
10,000 Hour Life	29
35mm Dichroic	30
Clear Halogen GLS Golf Ball	36
Clear Halogen Candle Single Ended	35
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Energy Saving Linear Halogen	34
Halogen Low Voltage Single Ended Tubular	35
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Halogen Single Ended Tubular	34-35
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Linear Halogen	33
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Mains Voltage Dichroic	32
Mains Voltage Halogen Aluminium Reflector	32
Open Dichroic	29
Single Ended Halogena Clear	34
Square Dichroic	30
Tubular Halogena Clear	34

EUP REGULATIONS

On September 1st 2009 a new European Union regulation comes into effect preventing the manufacture of certain type of inefficient lamps for the EU market.

The new legislation has been implemented to increase the use of efficient lamps by the public and industry, thereby lowering the emissions and energy consumption.

The legislation will affect standard decorative shaped frosted and white lamps, all non-directional incandescent lamps over 100w, frosted capsules and certain standard linear (DEQ) lamps, 'A' energy class compact fluorescent products with such finish will continue to be available. Clear incandescent lamps, reflector (spot) lamps and speciality types will not be affected.

Despite the prohibition on manufacture of these certain lamps, existing retail and commercial inventories can continue to be sold until they are exhausted.

PHASE	DATE	AFFECTED LAMPS
1	Sept 1st 2009	All non clear frosted opal etc incandescent lamps including mushroom and decorative shapes
		Clear finish, high wattage incandescent lamps greater or equal to 100w
		Clear incandescent lamps with 75w and lower, F and G energy class
		All non clear halogen lamps including linear halogen IDEQI and G9 burners
		Clear halogen lamps 75w and higher including linear halogen IDEQI and G9 burners with 'D' energy class or lower.
2	Sept 1st 2010	Clear incandecsent lamps with a wattage of 75w or higher
		Clear incandecsent lamps 60w or higher. 'D' class or lower
3	Sept 1st 2011	Clear incandescent lamps with a wattage of 60w or higher
		Clear halogen lamps 40w or higher. 'D' class or lower
4	Sept 1st 2012	Clear incandescent lamps with a wattage below 60w
		Clear halogen lamps 25w or higher. 'D' class or lower
5	Sept 1st 2013	Performance standard increase for all lamps lifetime etc.
6	Sep 1st 2016	All lamps with energy efficiency label C except linear halogen IDEQI and G9 burner.

Products that are not included in the scope of the EUP Regulation:

True colour lamps (according to specified colour coordinates)

Directional lamps (reflector lamps)

Lamps with less than 60lm and higher than 12,000lm

UV lamps (according to specific radiation requirements)

CFL lamps with non-integrated ballast

High-intensity discharge lamps

E14/E27/B22/B15 lamps with voltage equal or less than 60v

and without integrated transformer (till 2013)

S14,S15 and S19 base linear incandescent lamps till 2012

TRISTAR

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