



































Lamp Guide ^{1:4}







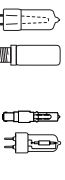



Here we have summarised the main features of lamps used in the Thorn range of luminaires. Also included are the short code letters of the International Lamp Coding System (ILCOS).

Type	Designations Thorn	ILCOS	Previous	Lamp cap	Lamp manufacturer			Lamp wattage W	Colour temp. K	Colour rendering group	Rated life hours	Lamp lumens lm	Peak intensity cd	
					GE	Osram	Philips							
Fluorescent lamps														
Linear fluorescent														
Standard - halophosphate														
	150mm	T5	FD	16mm Ø	G5	White	White(23)	White TL	4	3500	3	5000	150	-
	300mm	T5	FD	16mm Ø	G5	White	White(23)	White TL	8	3500	3	5000	400	-
	530mm	T5	FD	16mm Ø	G5	White	White(23)	White TL	13	3500	3	5000	850	-
	450mm	T8	FD	26mm Ø	G13	Warm White	Warm White(30)	Warm White TLD	15	2950	3	9000	950	-
	1500mm	T12	FD	38mm Ø	G13	White	White(23)		65/80	3450	3	9000	5000	-
Other colour temperatures available														
Tri-phosphor														
	550mm	T5	FDH	16mm Ø	G5	Starcoat	FH	TL5 HE	14	2700 - 4000	1B	20000	1350 (1200 @ 25°C)	-
	850mm	T5	FDH	16mm Ø	G5	Starcoat	FH	TL5 HE	21	2700 - 4000	1B	20000	2100 (1900 @ 25°C)	-
	1150mm	T5	FDH	16mm Ø	G5	Starcoat	FH	TL5 HE	28	2700 - 4000	1B	20000	2900 (2600 @ 25°C)	-
	1450mm	T5	FDH	16mm Ø	G5	Starcoat	FH	TL5 HE	35	2700 - 4000	1B	20000	3650 (3300 @ 25°C)	-
	550mm	T5	FDH	16mm Ø	G5	Starcoat	FQ	TL5 HO	24	2700 - 4000	1B/1A	20000	2000 (1750 @ 25°C)	-
	T5	FDH	16mm Ø	G5	-	-	FQ	TL5 HO	24	6000	1B	20000	1600 @ 25°C	-
	850mm	T5	FDH	16mm Ø	G5	Starcoat	FQ	TL5 HO	39	2700 - 4000	1B	20000	3500 (3100 @ 25°C)	-
	T5	FDH	16mm Ø	G5	-	-	FQ	TL5 HO	39	6000	1B	20000	2850 @ 25°C	-
	1450mm	T5	FDH	16mm Ø	G5	Starcoat	FQ	TL5 HO	49	2700 - 4000	1B/1A	20000	5000 (4300 @ 25°C)	-
	1150mm	T5	FDH	16mm Ø	G5	Starcoat	FQ	TL5 HO	54	2700 - 4000	1B/1A	20000	5000 (4450 @ 25°C)	-
	600mm	T8	FD	26mm Ø	G13	Polylux XL 840	Lumilux plus ECO 840	Super 80/840	18	4000	1B	15000	1350	-
	1050mm	T8	FD	26mm Ø	G13	Polylux 830	-	Super 80/830	38	3000	1B	12000	3300	-
	1200mm	T8	FD	26mm Ø	G13	Polylux XL 840	Lumilux plus ECO 840	Super 80/840	36	4000	1B	15000	3350	-
	1500mm	T8	FD	26mm Ø	G13	Polylux XL 840	Lumilux plus ECO 840	Super 80/840	58	4000	1B	15000	5200	-
	1800mm	T8	FD	26mm Ø	G13	Polylux XL 840	Lumilux plus ECO 840	Super 80/840	70	4000	1B	15000	6200	-
	2400mm	T12	FD	38mm Ø	G13	Polylux 840	Lumilux plus ECO 840	Super 80/840	100	4000	1B	12000	9400	-
Other colour temperatures available														
Multi-phosphor														
	600mm	T8	FD	26mm Ø	G13	Polylux Dlx 940	Lumilux de Luxe 940	90 de Luxe/940	18	4000	1A	12000	1000	-
	1200mm	T8	FD	26mm Ø	G13	Polylux Dlx 940	Lumilux de Luxe 940	90 de Luxe/940	36	4000	1A	12000	2350	-
	1500mm	T8	FD	26mm Ø	G13	Polylux Dlx 940	Lumilux de Luxe 940	90 de Luxe/940	58	4000	1A	12000	3750	-
Circular fluorescent lamps														
	T5-C	F5CH	-	2GX13	-	FC	TL5C	22	2700 - 4000	1B	16000	1800 @ 25°C	-	
	T5-C	F5CH	-	2GX13	-	FC	TL5C	40	2700 - 4000	1B	16000	3300 @ 25°C	-	
	T5-C	F5CH	-	2GX13	-	FC	TL5C	55	3000 - 4000	1B	16000	4500 @ 25°C	-	
Compact fluorescent lamps														
Other colour temperatures available														
	TC-EL	FBT	-	E27	-	Dulux EL Integral gear	-	7	2700	1B	10000	400	-	
	TC	FSD	2L 2-pin	G23	Biax S	Dulux S	PLS/2p	5	3500	1B	10000	250	-	
	TC	FSD	2L 2-pin	G23	Biax S	Dulux S	PLS/2p	7	3500	1B	10000	400	-	
	TC	FSD	2L 2-pin	G23	Biax S	Dulux S	PLS/2p	9	3500	1B	10000	600	-	
	TC	FSD	2L 2-pin	G23	Biax S	Dulux S	PLS/2p	11	3500	1B	10000	900	-	
	TC-L	FSD	2L 4-pin	2G11	Biax L	Dulux L	PLL	18	3500	1B	10000	1250	-	
	TC-L	FSD	2L 4-pin	2G11	Biax L	Dulux L	PLL	24	3500	1B	10000	1800	-	
	TC-L	FSD	2L 4-pin	2G11	Biax L	-	-	34	3500	1B	10000	2800	-	
	TC-L	FSD	2L 4-pin	2G11	Biax L	Dulux L	PLL	36	3500	1B	10000	2900	-	
	TC-L	FSDH	2L 4-pin	2G11	Biax L	Dulux L	PLL	40	3500	1B	10000	3500	-	
	TC-L	FSDH	2L 4-pin	2G11	Biax L	Dulux L	PLL	55	3500	1B	10000	4850	-	
	2D	FSS	2-pin	GR8	Biax 2D	-	-	16	3500	1B	10000	1050	-	
	2D	FSS	4-pin	GR10	Biax 2D/E	-	-	21	3500	1B	10000	1350	-	
	2D	FSS	4-pin	GR10	Biax 2D/E	-	-	28	3500	1B	10000	2050	-	
	2D	FSS	4-pin	GR10	Biax 2D/E	-	-	38	3500	1B	10000	2850	-	
	2D	FSS	4-pin	GR10	Biax 2D/E	-	-	55	3500	1B	10000	3900	-	
	TC-D	F5Q	4L 2-pin	G24d-1	Biax D	Dulux D	PLC/2p	10	3500	1B	10000	600	-	
	TC-DEL	F5Q	4L 4-pin	G24q-1	Biax D/E	Dulux D/E	PLC/4p	10	3500	1B	10000	600	-	
	TC-D	F5Q	4L 2-pin	G24d-1	Biax D	Dulux D	PLC/2p	13	3500	1B	10000	900	-	
	TC-DEL	F5Q	4L 4-pin	G24q-1	Biax D/E	Dulux D/E	PLC/4p	13	3500	1B	10000	900	-	
	TC-D	F5Q	4L 2-pin	G24d-2	Biax D	Dulux D	PLC/2p	18	3500	1B	10000	1200	-	
	TC-DEL	F5Q	4L 4-pin	G24q-2	Biax D/E	Dulux D/E	PLC/4p	18	3500	1B	10000	1200	-	
	TC-D	F5Q	4L 2-pin	G24d-3	Biax D	Dulux D	PLC/2p	26	3500	1B	10000	1800	-	
	TC-DEL	F5Q	4L 4-pin	G24q-3	Biax D/E	Dulux D/E	PLC/4p	26	3500	1B	10000	1800	-	
	TC-F	F5S	Flat 4L4-pin	2G10	-	Dulux F	-	36	3500	1B	10000	2800	-	
	TC-T	FSM	6L 2-pin	GX24d-1	Biax T	Dulux T	-	13	3500	1B	10000	890	-	
	TC-TEL	FSM	6L 4-pin	GX24q-1	Biax T/E amalgam	Dulux T/E	-	13	3500	1B	10000	890	-	
	TC-T	FSM	6L 2-pin	GX24d-2	Biax T	Dulux T	PLT/2p amalgam	18	3500	1B	10000	1150	-	
	TC-TEL amalgam	FSM	6L 4-pin	GX24q-2	Biax T/E	Dulux T/E IN*	PLT/4p	18	3500	1B	10000	1150	-	
	TC-T	FSM	6L 2-pin	GX24d-3	Biax T	Dulux T	PLT/2p amalgam	26	3500	1B	10000	1710	-	

Type	Designations Thorn	ILCOS	Previous	Lamp cap	Lamp manufacturer GE Osram Philips			Lamp wattage W	Colour temp. K	Colour rendering group	Rated life hours	Lamp lumens lm	Peak intensity cd
Compact fluorescent lamps (continued)													
	TC-TEL amalgam	FSM	6L 4-pin	GX24q-3	Biax T/E	Dulux T/E IN*	PL-T/4p	26	3500	1B	10000	1710	-
	TC-TEL amalgam	FSM	6L 4-pin	GX24q-3	Biax T/E	Dulux T/E IN*	PL-T/4p	32	3500	1B	10000	2200	-
	TC-TEL amalgam	FSM	6L 4-pin	GX24q-4	-	Dulux T/E IN*	PL-T/4p	42	3500	1B	10000	3200	-
	TC-TEL amalgam	FSM	6L 4-pin	GX24q-5	-	Dulux T/E IN*	-	57	3000	1B	10000	4300	-
Metal halide discharge lamps					*Also available without amalgam								
Reflector-ceramic													
	HI-PAR 35/10°	MR	-	GX8.5	-	-	CDM-R 111	35	3000	1B	6000	-	30000
	HI-PAR 35/24°	MR	-	GX8.5	-	-	CDM-R 111	35	3000	1B	6000	-	8500
	HI-PAR 35/45°	MR	-	GX8.5	-	-	CDM-R 111	35	3000	1B	6000	-	tba
	HI-PAR 20/10°	MR	-	E27	-	-	CDM-R PAR20	35	3000	1B	6000	-	23000
	HI-PAR 20/30°	MR	-	E27	-	-	CDM-R PAR20	35	3000	1B	6000	-	5000
	HI-PAR 30/10°	MR	-	E27	-	-	CDM-R PAR30	70	3000	1B	6000	-	68000
	HI-PAR 30/40°	MR	-	E27	-	-	CDM-R PAR30	70	3000	1B	6000	-	10000
Double ended compact										Choice of colour 3000 - 5400K			
	HIT-DE	MD	MBI-TD	RX7s	Arcstream	Powerstar HQI-TS	MH(N)-TD	70	4200	1B	6000	6000	-
	HIT-DE	MD	MBI-TD	RX7s	Arcstream	Powerstar HQI-TS	MH(N)-TD	150	4200	1B	6000	12000	-
	HIT-DE	MD	MBI-TD	Fc2	Arcstream	Powerstar HQI-TS	MHN-TD	250	4000	1B	6000	20000	-
	HIT-DE	MD	-	Fc2	-	HQI-TS/D	-	250	5100	1A	6000	20000	-
	HIT-DE	MD	MBI-TD	Fc2	-	Powerstar HQI-TS	-	400	5400	1A	15000	36000	-
Double ended compact-ceramic										Choice of colour 3000 - 4200K			
	HIT-DE-CE	MD	MBI-TD	RX7s	CMH	Powerstar HCI-TS	Mastercolour CDM-TD	70	3000	1B	15000	7000	-
	HIT-DE-CE	MD	MBI-TD	RX7s	CMH	Powerstar HCI-TS	Mastercolour CDM-TD	150	3000	1B	15000	14500	-
Single ended compact										Choice of colour 3000 - 4200K			
	HIT	MT	MBI-T	G12	Arcstream	Powerstar HQI-T	-	70	4200	1B	6000	5200	-
	HIT	MT	MBI-T	G12	Arcstream	Powerstar HQI-T	-	150	4200	1B	6000	12000	-
	HIT	MT	MBI-T	GY9.5	-	-	MSD	200	5900	1B	2000	13500	-
Single ended compact - ceramic													
	HIT-TC-CE	MT	-	G8.5	CMH	-	-	20	3000	1B	6000	1700	-
	HIT-TC-CE	MT	MBI-T	G8.5	CMH	Powerstar HCI-TC	Mastercolour CDM-TC	35	3000	1B	9000	3400	-
	HIT-TC-CE	MT	MBI-T	G8.5	CMH	Powerstar HCI-TC	Mastercolour CDM-TC	70	3000	1B	9000	6200	-
	HIT-CE	MT	MBI-T	G12	CMH	Powerstar HCI-T	Mastercolour CDM-T	35	3000	1B	9000	3400	-
	HIT-CE	MT	MBI-T	G12	CMH	Powerstar HCI-T	Mastercolour CDM-T	70	3000	1B	12000	6400	-
	HIT-CE	MT	MBI-T	G12	CMH	Powerstar HCI-T	Mastercolour CDM-T	150	3000	1B	12000	14000	-
	HIT-CE	MT	-	G12	-	-	CDM-SA/T	150	4200	1A	9000	12900	-
Elliptical coated													
	HIE	ME	MBIF	E27	-	Powerstar HQI-E	-	70	3800	1B	9000	4900	-
	HIE	ME	MBIF	E27	Arcstream	-	-	100	3200	2	15000	8500	-
	HIE	ME	MBIF	E40	Arcstream	-	-	250	4000	2	12000	19500	-
	HIE	ME	-	E40	-	Powerstar HQI-E	-	250	5200	1A	-	19000	-
	HIE	ME	HIE	E40	(Venture Lighting WhiteLux - operates on SON circuits)*	-	-	250	3700	2	10000	20500	-
	HIE	ME	MBIF	E40	Kolorarc	-	-	400	4000	2	14000	32000	-
	HIE	ME	-	E40	-	Powerstar HQI-E	-	400	3800	2	-	43000	-
	HIE	ME	HIE	E40	(Venture Lighting WhiteLux plus - operates on SON circuits)*	-	-	400	3700	2	20000	36000	-
Elliptical coated - for enclosed fittings only													
	HIE	ME	HIE	E40	(Venture Lighting WhiteLux plus - operates on SON circuits)	-	-	250	3700	2	15000	21800	-
	HIE	ME	HIE	E40	(Venture Lighting WhiteLux plus - operates on SON circuits)	-	-	400	3700	2	20000	38800	-
*Burn position - base-up only													
Tubular clear										Other colour temperatures available			
	HIT	MT	MBI-T	E27	(Iwasaki Color Arc MT-SDW)	-	-	70	4500	1A	6000	5000	-
	HIT	MT	MBI-T	E40	Arcstream	-	-	250	4200	2	6000	21000	-
	HIT	MT	-	E40	Arcstream	Powerstar HQI-T/D	-	250	5300	1A	-	20000	-
	HIT	MT	-	E40	-	(Sylvania HSI/TSX)	-	250	4000	2	-	21000	-
	HIT	MT	MBI-T	E40	Arcstream	Powerstar HQI-T	-	400	4200	2	6000	35000	-
	HIT	MT	MBI-T	E40	-	-	HPIT	250	4500	2	-	19000	-
	HIT	MT	MBI-T	E40	-	-	HPIT	400	4300	2	-	35000	-
	HIT	MT	-	E40	-	Powerstar HQI-T/N	-	400	3700	2B	-	42000	-
	HIT	MT	-	E40	-	Powerstar HQI-T/N	-	400	5200	1A	-	32000	-
	HIT	MT	MBI-T	E40	-	-	HPIT	1000	4500	2	-	85000	-
	HIT	MT	MBI-T	E40	-	Powerstar HQI-T	-	1000	6000	1A	9000	80000	-
	HIT	MT	-	E40	-	Powerstar T	-	2000	6000	1A	-	180000	-
	HIT	MT	-	E40	-	Powerstar T/N	-	2000	4000	2B	-	240000	-
Tubular clear - ceramic													
	HIT-CE	MT	-	E27	-	HCI-TT	CDM-TT	70	3000	1B	-	6300	-
	HIT-CE	MT	-	E40	-	HCI-TT	CDM-TT	150	3000	1B	-	13500	-
Double ended - high wattage													
	HIT-DE	MD	-	Cable	-	-	MHN-LA	1000	5600	1A	-	90000	-
	HIT-DE	MD	-	Cable	-	-	MHN-LA	1000	4200	1B	-	100000	-
	HIT-DE	MN	MBIL	RX7s	Sportlight	-	-	1500	5200	2	6000	120000	-
	HIT-DE	MN	MBIL	Cable	Sportlight	-	-	2000	5200	2	6000	200000	-
	HIT-DE	MD	MBIL	Cable	-	-	MHN-LA	2000	5600	1A	-	190000	-
	HIT-DE	MD	MBIL	Cable	-	-	MHN-LA	2000	4200	1B	-	220000	-
	HIT-DE	MD	MBIL	Cable	-	Powerstar HQI-TS/D/S	-	2000	5800	1A	3200	200000	-
	HIT-DE	MD	MBIL	Cable	(Sylvania HSI-TD)	-	-	2000	5600	1A	15000	200000	-
Compact metal halide lamps													
	CSI/6°	MR	CSI	G38	CSI/PAR 64	-	-	1000	4000	2	3500	76000	-
High pressure mercury discharge lamps										Colour temperatures vary			
	MBF	QE/R	MBF	E27	Kolorlux Standard	HQL	HPL-N	50	4000	3	12000	1800	-
	MBF	QE/R	MBF	E27	Kolorlux Standard	HQL	HPL-N	80	4000	3	16000	3800	-
	MBF	QE/R	MBF	E27	Kolorlux Standard	HQL	HPL-N	125	4000	3	20000	6300	-
	MBF	QE/R	MBF	E40	Kolorlux Standard	HQL	HPL-N	250	4000	3	20000	13000	-
	MBF	QE/R	MBF	E40	Kolorlux Standard	HQL	HPL-N	400	4000	3	20000	22500	-
	MBFD	QE/R	MBFSD	E27	Kolorlux Deluxe	HQL DE LUXE	HPL Comfort	50	3500	3	16000	2000	-
	MBFD	QE/R	MBFSD	E27	Kolorlux Deluxe	HQL DE LUXE	HPL Comfort	80	3400	3	16000	4000	-
	MBFD	QE/R	MBFSD	E27	Kolorlux Deluxe	HQL DE LUXE	HPL Comfort	125	3350	3	20000	6500	-
	MBFD	QE/R	MBFSD	E40	Kolorlux Deluxe	HQL DE LUXE	HPL Comfort	250	3350	3	24000	14000	-
	MBFD	QE/R	MBFSD	E40	Kolorlux Deluxe	HQL DE LUXE	HPL Comfort	400	3400	3	24000	24000	-

Lamp Guide ^{3:4}

Type	Designations Thorn	ILCOS	Previous	Lamp cap	Lamp manufacturer GE Osram Philips			Lamp wattage W	Colour temp. K	Colour rendering group	Rated life hours	Lamp lumens lm	Peak intensity cd
High pressure sodium discharge lamps													
Standard HPS													
	HPS-E	SE	SONE	E27	Lucalox E	Vialox NAVE	50SONE	50	2000	4	28500	3300	-
	HPS-E/1*	SE	SONE/1	E27	Lucalox I	NAVE 50/1	50SONI	50	2000	4	12000	3400	-
	HPS-E	SE	SONE	E27	Lucalox E	Vialox NAVE	70SONE	70	2000	4	28500	5800	-
	HPS-E/1* Diffuse	SE	SONE/1	E27	Lucalox I	NAVE 70/1	70SONI	70	2000	4	12000	5800	-
	HPS-E/1* Clear	SC	SONE/1	E27	Lucalox I	-	70SONI	70	2000	4	12000	6000	-
	HPS-T	ST	SON-T	E27	Lucalox T	-	-	50	2000	4	28500	3400	-
	HPS-T	ST	SON-T	E27	Lucalox T	Vialox NAVT	70SON-T	70	2000	4	28500	6000	-
	HPS-E	SE	SONE	E40	Lucalox E	-	-	100	2000	4	28500	9200	-
	HPS-T	ST	SON-T	E40	Lucalox T	-	-	100	2000	4	28500	9600	-
	HPS-E	SE	SONE	E27	Lucalox E-Z	Vialox NAVE	-	110	2000	4	16000	8800	-
	HPS-E	SE	SONE	E40	Lucalox E	Vialox NAVE	1.50SON	150	2000	4	28500	14500	-
	HPS-T	ST	SON-T	E40	Lucalox T	Vialox NAVT	1.50SON-T	150	2000	4	28500	15000	-
	HPS-E	SE	SONE	E40	Lucalox E	Vialox NAVE	250SON	250	2000	4	28500	26000	-
	HPS-T	ST	SON-T	E40	Lucalox T	Vialox NAVT	250SON-T	250	2000	4	28500	27500	-
	HPS-E	SE	SONE	E40	Lucalox E	Vialox NAVE	400SON	400	2000	4	28500	47500	-
	HPS-T	ST	SON-T	E40	Lucalox T	Vialox NAVT	400SON-T	400	2000	4	28500	50000	-
	HPS-T	ST	SON-T	E40	Lucalox T	Vialox NAVT	600SON-T	600	2000	4	24000	90000	-
	HPS-T	ST	SON-T	E40	Lucalox T	Vialox NAVT	1000SON-T	1000	2000	4	24000	130000	-
	* Internal igniter												
Increased light output HPS													
	HPS-T(HO)	ST	SON-XIT	E27	Lucalox HO	Vialox NAV Super	SON-T PLUS	50	2000	4	28500	4000	-
	HPS-T(HO)	ST	SON-XIT	E27	Lucalox HO	Vialox NAV Super	SON-T PLUS	70	2000	4	28500	6500	-
	HPS-T(HO)	ST	SON-XIT	E40	Lucalox HO	Vialox NAV Super	SON-T PLUS	100	2000	4	28500	10000	-
	HPS-T(HO)	ST	SON-XIT	E40	Lucalox HO	Vialox NAV Super	SON-T PLUS	150	2000	4	28500	17500	-
	HPS-T(HO)	ST	SON-XIT	E40	Lucalox HO	Vialox NAV Super	SON-T PLUS	250	2000	4	28500	33000	-
	HPS-T(HO)	ST	SON-XIT	E40	Lucalox HO	Vialox NAV Super	SON-T PLUS	400	2000	4	28500	56500	-
	HPS-T(HO)	ST	SON-XIT	E40	Lucalox HO	Vialox NAV Super	SON-T PLUS	600	2000	4	28500	90000	-
Improved colour rendering HPS													
	HPS-E(DL)	SE	SONDLE	E40	Lucalox Classique	Vialox NAV Deluxe	SON Comfort	150	2200	2	14000	12000	-
	HPS-T(DL)	ST	SONDLT	E40	Lucalox Classique	Vialox NAV Deluxe	SON Comfort	150	2200	2	14000	13000	-
	HPS-E(DL)	SE	SONDLE	E40	Lucalox Classique	Vialox NAV Deluxe	SON Comfort	250	2200	2	14000	22000	-
	HPS-T(DL)	ST	SONDLT	E40	Lucalox Classique	Vialox NAV Deluxe	SON Comfort	250	2200	2	14000	23000	-
	HPS-E(DL)	SE	SONDLE	E40	Lucalox Classique	Vialox NAV Deluxe	SON Comfort	400	2200	2	14000	36000	-
	HPS-T(DL)	ST	SONDLT	E40	Lucalox Classique	Vialox NAV Deluxe	SON Comfort	400	2200	2	14000	37000	-
"White" SON													
	HPS-T(White)	STH	SDW-T	PG12-I	-	-	SDW-T	35	2500	1B	10000	1300	-
	HPS-T(White)	STH	SDW-T	PG12-I	-	-	SDW-T	50	2500	1B	10000	2300	-
	HPS-T(White)	STH	SDW-T	PG12-I	-	-	SDW-T	100	2550	1B	10000	5000	-
	HPS-T(White)	STH	NHT-SDX	E27	(Iwasaki NHT-SDX)	-	-	70	2500	1B	6000	3500	-
	HPS-T(White)	STH	NHT-SDX	E27	(Iwasaki NHT-SDX)	-	-	100	2500	1B	6000	5000	-
	HPS-T(White)	STH	NHT-SDX	E40	(Iwasaki NHT-SDX)	-	-	150	2500	1B	9000	7800	-
	HPS-T(White)	STH	NHT-SDX	E40	(Iwasaki NHT-SDX)	-	-	250	2500	1B	9000	13500	-
Double ended													
	HPS-DE(HO)	SD	SON-TD	RX7s	-	Vialox NAV-Super	-	70	1900	4	30000	6400	-
	HPS-DE(HO)	SD	SON-TD	RX7s-24	-	Vialox NAV-Super	-	150	1900	4	30000	14400	-
	HPS-DE	SD	SON-TD	Fc2	-	Vialox NAVTS	-	250	2100	4	26000	25500	-
	HPS-DE	SD	SON-TD	Fc2	-	Vialox NAVTS	-	400	2100	4	26000	48000	-
Low pressure sodium discharge lamps													
	SOX	LS	-	BY22d	SOX	SOX	SOX	35	1800	-	16000	4600	-
	SOX	LS	-	BY22d	SOX	SOX	SOX	55	1800	-	16000	7650	-
	SOX	LS	-	BY22d	SOX	SOX	SOX	90	1800	-	16000	12750	-
	SOX	LS	-	BY22d	SOX	SOX	SOX	135	1800	-	16000	22000	-
	SOX-E	LSE	-	BY22d	SOX-E	SOX-E	SOX-E	26	1800	-	16000	4060	-
	SOX-E	LSE	-	BY22d	SOX-E	SOX-E	SOX-E	36	1800	-	16000	6400	-
	SOX-E	LSE	-	BY22d	SOX-E	SOX-E	SOX-E	66	1800	-	16000	10800	-
Halogen lamps													
Halogen reflector - dichroic mirror (12V supply)													
	QR-CBC35/10°	HRG	M265	GU4	Precise MR11	Decostar 35S	Standardline	35	2900	1A	3500	-	6300
	QR-CBC35/21°	HRG	M266	GU4	Precise MR11	-	-	35	2900	1A	3500	-	2070
	QR-CBC51/18°	HRG	M270	GU5.3	Bright MR16	Decostar 51 (24°)	Standardline (24°)	35	3100	1A	4000	-	2950
	QR-CBC51/8°	HRG	M249	GU5.3	Bright MR16	Decostar 51 (10°)	Standardline (10°)	50	3100	1A	4000	-	8000
	QR-CBC51/18°	HRG	M250	GU5.3	Bright MR16	Decostar 51 (24°)	Standardline (24°)	50	3000	1A	4000	-	4750
	QR-CBC51/36°	HRG	M258	GU5.3	Bright MR16	Decostar 51 (38°)	Standardline	50	3000	1A	4000	-	2100
	QR-CBC51/60°	HRG	M280	GU5.3	Bright MR16	Decostar 51	Standardline	50	3100	1A	4000	-	950
	QR-CBC51/10°	HRG	M271	GU5.3	-	Decostar 51	Standardline	35	3100	1A	4000	-	7200
	QR-CBC51/36°	HRG	M281	GU5.3	Bright MR16	Decostar 51 (38°)	Standardline	35	3000	1A	4000	-	1300
Halogen reflector - aluminised (12V supply)													
	QR-CB51/38°	HAG	M58A	GU5.3	-	Decostar ALU	-	50	2950	1A	3000	-	1600
	QR-CB51/24°	HAG	Black	GU5.3	(Contact BLV Ltd)	-	-	50	3000	1A	3500	-	3000
	QR-CB51/24°	HAG	Silver	GU5.3	(Contact BLV Ltd)	-	-	50	3000	1A	3500	-	3000
Halogen metal reflector - aluminium (12V supply)													
	QR70/8°	HMG	-	BA15d	-	Halospot AR70	-	50	3000	1A	3000	-	12500
	QR70/24°	HMG	-	BA15d	-	Halospot AR70	-	50	3000	1A	3000	-	2600

Type	Designations Thorn	ILCOS	Previous	Lamp cap	Lamp manufacturer GE	Osram	Philips	Lamp wattage W	Colour temp. K	Colour rendering group	Rated life hours	Lamp lumens lm	Peak intensity cd
Halogen metal reflector - aluminium (12V supply) (continued)													
	QR111/4°	HMG	-	G53	-	Halospot AR111	-	35	3000	1A	3000	-	45000
	QR111/24°	HMG	-	G53	-	Halospot AR111	-	35	3000	1A	3000	-	2500
	QR111/8°	HMG	-	G53	-	Halospot AR111	ALUline PRO-111	50	3000	1A	3000	-	20000
	QR111/24°	HMG	-	G53	-	Halospot AR111	ALUline PRO-111	50	3000	1A	3000	-	3500
	QR111/8°	HMG	-	G53	-	Halospot AR111	ALUline PRO-111	75	3000	1A	3000	-	30000
	QR111/24°	HMG	-	G53	-	Halospot AR111	ALUline PRO-111	75	3000	1A	3000	-	5300
	QR111/45°	HMG	-	G53	-	Halospot AR111	ALUline PRO-111	75	3000	1A	3000	-	1700
	QR111/8°	HMG	-	G53	-	Halospot AR111	-	100	3000	1A	3000	-	48000
	QR111/24°	HMG	-	G53	-	Halospot AR111	ALUline PRO-111	100	3000	1A	3000	-	8500
	QR111/45°	HMG	-	G53	-	Halospot AR111	ALUline PRO-111	100	3000	1A	3000	-	2800
Halogen capsule (12V supply) Low pressure for use with open luminaires													
	QTLF 12-ax frosted	HSG	-	G4	-	Halostar	Capsuline Pro	20	3000	1A	2000	300	-
	QTLF 12-ax	HSG	-	G4	Q20T2	Halostar	Capsuline Pro	20	3000	1A	2000	320	-
	QTLF 12-ax	HSG	-	GY6.35	Q20T3	Halostar	Capsuline Pro	20	3000	1A	2000	300	-
	QTLF 12-ax frosted	HSG	-	GY6.35	-	-	Capsuline Pro	20	3000	1A	2000	340	-
	QTLF12-ax frosted	HSG	-	GY6.35	-	Halostar	Capsuline Pro	35	3000	1A	2000	630	-
	QTLF12-ax	HSG	-	GY6.35	Q35T3	Halostar	Capsuline Pro	35	3000	1A	2000	600	-
	QTLF 12-ax frosted	HSG	-	GY6.35	-	-	Capsuline Pro	50	3000	1A	2000	975	-
	QTLF12-ax	HSG	-	GY6.35	Q50T3	Halostar	Capsuline Pro	50	3000	1A	2000	950	-
	QTLF12-ax	HSG	-	GY6.35	Q75T3	Halostar	Capsuline Pro	75	3000	1A	2000	1350	-
	QTLF12-ax	HSG	-	GY6.35	-	-	Capsuline Pro	100	3000	1A	2000	2200	-
Halogen capsule (12V supply) for use with closed luminaires													
	QT 12-ax	HSG	M75	GY6.35	M75	-	-	35	3000	1A	4000	600	-
	QT 12-tr	HSG	M32	GY6.35	M32	-	Halostar	50	3000	1A	3000	850	-
	QT 12-ax	HSG	M74	GY6.35	M74	-	-	50	3000	1A	4000	900	-
	QT 12-ax	HSG	M73	GY6.35	M73	-	-	75	3000	1A	4000	1350	-
	QT 12-tr	HSG	M28	GY6.35	M28	-	-	100	3000	1A	2000	2200	-
	QT 12-ax	HSG	M180	GY6.35	M180	-	-	100	3000	1A	4000	2150	-
Halogen aluminised reflector (PAR)													
	PAR 16/25°	HARI	-	GU10	-	(Sylvania Hi-Spot 80)	-	35	2900	1A	2000	-	800
	PAR16/25°	HARI	-	GU10	MR16	(Sylvania Hi-Spot 50)	TWISTline Alu	50	2800	1A	2000	-	1250
	PAR16/50°	HARI	-	GU10	MR16	(Sylvania Hi-Spot 50)	TWISTline Alu	50	2800	1A	2000	-	600
	PAR20/10°	HAPAR	-	E27	50PAR20	(Sylvania Hi-Spot 63)	Halogen A	50	2900	1A	2000	-	3000
	PAR20/25°	HAPAR	-	E27	50PAR20	Halopar 20	Halogen A	50	2900	1A	2000	-	1000
	PAR20/25°	HAPAR	-	GU10	-	(Sylvania Hi-Spot ES63)	-	75	2700	1A	2500	-	2500
	PAR20/50°	HAPAR	-	GU10	-	(Sylvania Hi-Spot ES63)	-	75	2700	1A	2500	-	1000
	PAR 25/10°	HAPAR	-	E27	-	(Sylvania Hi-Spot 80)	-	50	2900	1A	2000	-	4000
	PAR 25/25°	HAPAR	-	E27	-	(Sylvania Hi-Spot 80)	-	50	2900	1A	2000	-	1100
	PAR 25/10°	HAPAR	-	E27	-	(Sylvania Hi-Spot 80)	-	75	2900	1A	2000	-	5500
	PAR25/25°	HAPAR	-	E27	75PAR25	(Sylvania Hi-Spot 80)	Halogen A	75	2900	1A	3000	-	1300
	PAR30/10°	HAPAR	-	E27	75PAR30	Halopar 30 (Sylvania Hi-Spot 95)	-	75	2900	1A	3000	-	6900
	PAR30/30°	HAPAR	-	E27	75PAR30	Halopar 30 (Sylvania Hi-Spot 95)	-	75	2900	1A	3000	-	2200
	PAR30S/10°	HAPAR	-	E27	-	-	Halogen A	75	2900	1A	3000	-	6500
	PAR30S/30°	HAPAR	-	E27	-	-	Halogen A	75	2900	1A	3000	-	2000
	PAR30/10°	HAPAR	-	E27	100PAR30	(Sylvania Hi-Spot 95)	-	100	2900	1A	3000	-	10000
	PAR30/30°	HAPAR	-	E27	100PAR30	(Sylvania Hi-Spot 95)	-	100	2900	1A	3000	-	3500
	PAR 30S/10°	HAPAR	-	E27	-	-	Halogen A	100	2900	1A	3000	-	9000
	PAR 30S/30°	HAPAR	-	E27	-	-	Halogen A	100	2900	1A	3000	-	3000
	Halogen dichroic reflector (PAR)												
	PAR 16/25°	HR	-	GZ10	-	(Sylvania Hi-Spot ESD50)	TWISTline Dich	50	2700	1A	2500	-	1250
	PAR 16/50°	HR	-	GZ10	-	(Sylvania Hi-Spot ESD50)	TWISTline Dich	50	2700	1A	2500	-	500
	PAR20/25°	HRG1	-	GZ10	-	(Sylvania Hi-Spot ESD63)	-	75	2850	1A	2500	-	2500
	PAR20/50°	HRG1	-	GZ10	-	(Sylvania Hi-Spot ESD63)	-	75	2850	1A	2500	-	1000
Double ended halogen													
	QT-DE 12	HDG	K12	R7s	K12	Haloline	Plusline	150	2850	1A	2000	2100	-
	QT-DE 12	HDG	K9	R7s	K9	Haloline	Plusline	300	2900	1A	2000	4800	-
	QT-DE 12	HDG	K1	R7s	K1	Haloline	Plusline	500	3000	1A	2000	9500	-
	QT-DE 12	HDG	K4	R7s	K4	Haloline	Plusline	1000	3000	1A	2000	22000	-
	QT-DE 12	HDG	K5	R7s	K5	Haloline	Plusline	1500	3000	1A	2000	33000	-
Single ended halogen													
	QT-14	HS	-	G9	-	Halopin	MV Capsules	25	2900	1A	1500	255	-
	QT-14	HS	-	G9	-	Halopin	MV Capsules	40	2900	1A	1500	490	-
	QT	HSGT	-	E27	-	Halolux	-	100	2900	1A	2000	1500	-
	QT	HSGT	-	E27	-	Halolux	-	150	2900	1A	2000	2500	-
	QT	HSGT	-	E27	-	Halolux	-	250	2900	1A	2000	4200	-
	QT	HSGT	-	B15d	-	Halolux	-	150	2900	1A	2000	2500	-
	QT	HSGT	M38	GY9.5	-	M38	M38	300	2950	1A	2000	5200	-
	QT	HSGT	M40	GY9.5	-	M40	M40	500	2950	1A	2000	10000	-
Incandescent lamps													
	GLS	IA	-	E27	GLS	GLS	GLS	60	2700	1A	1000	700	-
	GLS	IA	-	E27	GLS	GLS	GLS	100	2700	1A	1000	1350	-
Spot (mains supply, except where stated)													
	PAR38/15°	IPAR	-	E27	PAR38	Concentra Par38	PAR38	120	2700	1A	2000	-	7000
	PAR38/30°	IPAR	-	E27	PAR38	Concentra Par38	PAR38	120	2700	1A	2000	-	3000
	24V/PAR38/10°	IPAR	-	E27	PAR38	-	-	120	2700	1A	-	-	23000
	12V/PAR56/40°	IPAR	-	Terminal	PAR56	-	-	300	2700	1A	-	-	16000
	PAR56/40°	IPAR	-	GX16D	PAR56	-	-	300	2700	1A	2000	-	10000
Induction lamps (185-255V supply)													
	QL	FSG1	QL	-	-	-	QL	55	3 Choices	1B	60000	3500	-
	QL	FSG1	QL	-	-	-	QL	85	3 Choices	1B	60000	6000	-

Specification

Specification details are, wherever possible, based on the GE product. Mains supply, except where stated. Other lamp company brand listings may only represent a near equivalent. Limited space means that not all colour temperature versions are listed - customers should consult individual lamp manufacturers for full range details.