

International lamp coding system ILCOS

ILCOS	Product reference	Page	ILCOS	Product reference	Page
FBA-5/27/1B-220/240-E27	OSRAM DULUX EL CL A 5 W/827 E27	3.07	FC-40/27/1B-E-G10q-29	L 40 W/827 C	4.18
FBA-5/27/1B-220/240-E27	OSRAM DULUX EL ECO CL A 5 W/827 E27	3.08	FC-40/30/1B-E-2GX13-16	FC 40 W/830	4.09
FBA-7/27/1B-220/240-E27	OSRAM DULUX EL CL A 7 W/827 E27	3.07	FC-40/40/1B-E-2GX13-16	FC 40 W/840	4.09
FBA-7/27/1B-220/240-E27	OSRAM DULUX EL ECO CL A 7 W/827 E27	3.08	FC-40/40/1B-E-G10q-29	L 40 W/840 C	4.18
FBA-10/27/1B-220/240-E27	OSRAM DULUX EL CL A 10 W/827 E27	3.07	FC-40/60/1B-E-2GX13-16	FC 40 W/865	4.09
FBA-10/27/1B-220/240-E27	OSRAM DULUX EL ECO CL A 10 W/827 E27	3.08	FC-55/27/1B-E-2GX13-16	FC 55 W/827	4.09
FBA-15/27/1B-220/240-E27	OSRAM DULUX EL CL A 15 W/827 E27	3.07	FC-55/30/1B-E-2GX13-16	FC 55 W/830	4.09
FBA-15/27/1B-220/240-E27	OSRAM DULUX EL ECO CL A 15 W/827 E27	3.08	FC-55/40/1B-E-2GX13-16	FC 55 W/840	4.09
FBA-20/27/1B-220/240-E27	OSRAM DULUX EL CL A 20 W/827 E27	3.07	FC-55/60/1B-E-2GX13-16	FC 55 W/865	4.09
FBB-5/27/1B-220/240-E14	OSRAM DULUX EL CL B 5 W/827 E14	3.07	FD-6/30/1A-E-G5-16/212	L 6 W/930	4.07
FBB-5/27/1B-220/240-E14	OSRAM DULUX EL ECO CL B 5 W/827 E14	3.08	FD-8/27/1B-E-G5-16/288	L 8 W/827	4.07
FBB-7/27/1B-220/240-E14	OSRAM DULUX EL CL B 7 W/827 E14	3.07	FD-8/30/1A-E-G5-16/288	L 8 W/930	4.07
FBB-7/27/1B-220/240-E14	OSRAM DULUX EL ECO CL B 7 W/827 E14	3.08	FD-8/40/1B-E-G5-16/288	L 8 W/840	4.07
FBB-9/27/1B-220/240-E14	OSRAM DULUX EL ECO CL B 9 W/827 E14	3.08	FD-8/50/1A-E-G5-16/288-16/288	L 8 W/950	4.07
FBC-24/27/1B-220/240-E27	CIRCOLUX EL 24 W/827	3.15	FD-10/27/1B-E-G13-26/470	L 10 W/827	4.10
FBG-15/27/1B-220/240-E27	OSRAM DULUX EL GL 15 W/827	3.09	FD-13/27/1B-E-G5-16/517	L 13 W/827	4.07
FBG-16/27/1B-220/240-E27	OSRAM DULUX EL ECO GL 16 W/827	3.10	FD-13/30/1A-E-G5-16/517	L 13 W/930	4.07
FBG-20/27/1B-220/240-E27	OSRAM DULUX EL GL 20 W/827	3.09	FD-13/40/1B-E-G5-16/517	L 13 W/840	4.07
FBG-21/27/1B-220/240-E27	OSRAM DULUX EL ECO GL 21 W/827	3.10	FD-15/27/1B-E-G13-26/438	L 15 W/827	4.10
FBR-15/27/1B-220/240-E27	OSRAM DULUX EL REFL 15 W/827	3.11	FD-15/30/1A-E-G13-26/438	L 15 W/930	4.12
FBR-20/27/1B-220/240-E27	OSRAM DULUX EL REFL 20 W/827	3.11	FD-15/30/1B-E-G13-26/438	L 15 W/830	4.10
FBT-3/27/1B-220/240-E14	OSRAM DULUX EL LL 3 W/827 E14	3.04	FD-15/40/1B-E-G13-26/438	L 15 W/840	4.10
FBT-5/27/1B-220/240-E14	OSRAM DULUX EL LL 5 W/827 E14	3.04	FD-15/50/1A-E-G13-26/438	L 15 W/950	4.12
FBT-5/27/1B-220/240-E27	OSRAM DULUX EL LL 5 W/827 E27	3.05	FD-15/76-E-G13-26/438	L 15 W/76	4.14
FBT-7/27/1B-220/240-E14	OSRAM DULUX EL LL 7 W/827 E14	3.04	FD-15/77-E-G13-26/438	L 15 W/77	4.16
FBT-7/27/1B-220/240-E27	OSRAM DULUX EL LL 7 W/827 E27	3.05	FD-16/27/1B-E-G13-26/720	L 16 W/827	4.10
FBT-8/27/1B-220/240-E14	OSRAM DULUX EL ECO 8 W/827 E14	3.06	FD-16/30/1A-E-G13-26/720	L 16 W/930	4.12
FBT-8/27/1B-220/240-E27	OSRAM DULUX EL ECO 8 W/827 E27	3.06	FD-16/40/1B-E-G13-26/720	L 16 W/840	4.10
FBT-10/27/1B-220/240-E14	OSRAM DULUX EL FCY 10 W/827 E14	3.14	FD-18/27/1B-E-G13-26/590	L 18 W/827	4.10
FBT-10/27/1B-220/240-E27	OSRAM DULUX EL FCY 10 W/827 E27	3.14	FD-18/30/1A-E-G13-26/590	L 18 W/930	4.12
FBT-11/27/1B-220/240-E14	OSRAM DULUX EL LL 11 W/827 E14	3.04	FD-18/30/1B-E-G13-26/590	L 18 W/830	4.10
FBT-11/27/1B-220/240-E27	OSRAM DULUX EL LL 11 W/827 E27	3.05	FD-18/40/1A-E-G13-26/590	L 18 W/940	4.12
FBT-12/27/1B-220/240-E14	OSRAM DULUX EL ECO 12 W/827 E14	3.06	FD-18/40/1A-E-G13-26/590	L 18 W/940 UVS	4.17
FBT-12/27/1B-220/240-E27	OSRAM DULUX EL ECO 12 W/827 E27	3.06	FD-18/40/1B-E-G13-26/590	L 18 W/840	4.10
FBT-14/27/1B-220/240-E27	OSRAM DULUX EL FCY 14 W/827 E27	3.14	FD-18/40/1B-E-G13-26/590	L 18 W/840 SPS	4.17
FBT-15/27/1B-220/240-E27	OSRAM DULUX EL LL 15 W/827 E27	3.05	FD-18/50/1A-E-G13-26/590	L 18 W/950	4.12
FBT-15/27/1B-220/240-E27	OSRAM DULUX EL <i>SENSOR</i> Plus 15 W/827 E27	3.13	FD-18/60/1B-E-G13-26/590	L 18 W/865	4.10
FBT-16/27/1B-220/240-E27	OSRAM DULUX EL ECO 16 W/827 E27	3.06	FD-18/65/1A-E-G13-26/590	L 18 W/965	4.15
FBT-18/27/1B-220/240-E27	OSRAM DULUX EL FCY 18 W/827 E27	3.14	FD-18/76-E-G13-26/590	L 18 W/76	4.14
FBT-20/27/1B-220/240-E27	OSRAM DULUX EL LL 20 W/827 E27	3.05	FD-18/77-E-G13-26/590	L 18 W/77	4.16
FBT-20/27/1B-220/240-E27	OSRAM DULUX EL VAR 20 W/827 E27	3.12	FD-18/BLUE-E-G13-26/590	L 18 W/67	4.17
FBT-21/27/1B-220/240-E27	OSRAM DULUX EL ECO 21 W/827 E27	3.06	FD-18/GREEN-E-G13-26/590	L 18 W/66	4.17
FBT-23/27/1B-220/240-E27	OSRAM DULUX EL LL 23 W/827 E27	3.05	FD-18/RED-E-G13-26/590	L 18 W/60	4.17
FBT-23/27/1B-220/240-E27	OSRAM DULUX EL VAR 23 W/827 E27	3.12	FD-18/YELLOW-E-G13-26/590	L 18 W/62	4.17
FBT-24/27/1B-220/240-E27	OSRAM DULUX EL ECO 24 W/827 E27	3.06	FD-30/27/1B-E-G13-26/895	L 30 W/827	4.10
FBT-30/27/1B-220/240-E27	OSRAM DULUX EL LL 30 W/827 E27	3.05	FD-30/30/1A-E-G13-26/895	L 30 W/930	4.12
FC-22/27/1B-E-2GX13-16	FC 22 W/827	4.09	FD-30/30/1B-E-G13-26/895	L 30 W/830	4.10
FC-22/27/1B-E-G10q-29	L 22 W/827 C	4.18	FD-30/40/1B-E-G13-26/895	L 30 W/840	4.10
FC-22/30/1B-E-2GX13-16	FC 22 W/830	4.09	FD-30/60/1B-E-G13-26/895	L 30 W/865	4.10
FC-22/40/1B-E-2GX13-16	FC 22 W/840	4.09	FD-30/65/1A-E-G13-26/895	L 30 W/965	4.15
FC-22/40/1B-E-G10q-29	L 22 W/840 C	4.18	FD-30/76-E-G13-26/895	L 30 W/76	4.14
FC-22/60/1B-E-2GX13-16	FC 22 W/865	4.09	FD-30/77-E-G13-26/895	L 30 W/77	4.16
FC-32/27/1B-E-G10q-29	L 32 W/827 C	4.18	FD-30/BLUE-E-G13-26/895	L 30 W/67	4.17
FC-32/40/1B-E-G10q-29	L 32 W/840 C	4.18	FD-36/27/1B-E-G13-26/1200	L 36 W/827	4.10
FC-40/27/1B-E-2GX13-16	FC 40 W/827	4.09	FD-36/27/1B-E-G13-26/970	L 36 W/827-1	4.10

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FD-36/30/1A-E-G13-26/1200	L 36 W/930	4.12	FDH-28/BLUE/1B-L/P-G5-16/1149	FH 28 W/67 HE	4.08
FD-36/30/1B-E-G13-26/1200	L 36 W/830	4.10	FDH-28/GREEN/1B-L/P-G5-16/1149	FH 28 W/66 HE	4.08
FD-36/40/1A-E-G13-26/1200	L 36 W/940	4.12	FDH-28/RED/1B-L/P-G5-16/1149	FH 28 W/60 HE	4.08
FD-36/40/1A-E-G13-26/1200	L 36 W/940 UVS	4.17	FDH-35/27/1B-L/P-G5-16/1449	FH 35 W/827 HE	4.04
FD-36/40/1B-E-G13-26/1200	L 36 W/840	4.10	FDH-35/30/1B-L/P-G5-16/1449	FH 35 W/830 HE	4.04
FD-36/40/1B-E-G13-26/1200	L 36 W/840 SPS	4.17	FDH-35/40/1B-L/P-G5-16/1449	FH 35 W/840 HE	4.04
FD-36/40/1B-E-G13-26/970	L 36 W/840-1	4.10	FDH-35/60/1B-L/P-G5-16/1449	FH 35 W/865 HE	4.04
FD-36/50/1A-E-G13-26/1200	L 36 W/950	4.12	FDH-35/BLUE/1B-L/P-G5-16/1449	FH 35 W/67 HE	4.08
FD-36/50/1A-E-G13-26/970	L 36 W/950-1	4.12	FDH-35/GREEN/1B-L/P-G5-16/1449	FH 35 W/66 HE	4.08
FD-36/60/1B-E-G13-26/1200	L 36 W/865	4.10	FDH-35/RED/1B-L/P-G5-16/1449	FH 35 W/60 HE	4.08
FD-36/65/1A-E-G13-26/1200	L 36 W/965	4.15	FDH-39/27/1B-L/P-G5-16/849	FQ 39 W/827 HO	4.05
FD-36/76-E-G13-26/1200	L 36 W/76	4.14	FDH-39/30/1B-L/P-G5-16/849	FQ 39 W/830 HO	4.05
FD-36/76-E-G13-26/970	L 36 W/76-1	4.14	FDH-39/40/1B-L/P-G5-16/849	FQ 39 W/840 HO	4.05
FD-36/77-E-G13-26/1200	L 36 W/77	4.16	FDH-39/60/1B-L/P-G5-16/849	FQ 39 W/865 HO	4.05
FD-36/BLUE-E-G13-26/1200	L 36 W/67	4.17	FDH-49/27/1B-L/P-G5-16/1449	FQ 49 W/827 HO	4.05
FD-36/GREEN-E-G13-26/1200	L 36 W/66	4.17	FDH-49/30/1B-L/P-G5-16/1449	FQ 49 W/830 HO	4.05
FD-36/RED-E-G13-26/1200	L 36 W/60	4.17	FDH-49/40/1B-L/P-G5-16/1449	FQ 49 W/840 HO	4.05
FD-36/YELLOW-E-G13-26/1200	L 36 W/62	4.17	FDH-54/27/1B-L/P-G5-16/1149	FQ 54 W/827 HO	4.05
FD-38/30/1B-E-G13-26/1047	L 38 W/830	4.10	FDH-54/30/1B-L/P-G5-16/1149	FQ 54 W/830 HO	4.05
FD-38/40/1B-E-G13-26/1047	L 38 W/840	4.10	FDH-54/40/1B-L/P-G5-16/1149	FQ 54 W/840 HO	4.05
FD-58/27/1B-E-G13-26/1500	L 58 W/827	4.10	FDH-54/60/1B-L/P-G5-16/1149	FQ 54 W/865 HO	4.05
FD-58/30/1A-E-G13-26/1500	L 58 W/930	4.12	FDH-80/27/1B-L/P-G5-16/1449	FQ 80 W/827 HO	4.05
FD-58/30/1B-E-G13-26/1500	L 58 W/830	4.10	FDH-80/30/1B-L/P-G5-16/1449	FQ 80 W/830 HO	4.05
FD-58/40/1A-E-G13-26/1500	L 58 W/940	4.12	FDH-80/40/1B-L/P-G5-16/1449	FQ 80 W/840 HO	4.05
FD-58/40/1A-E-G13-26/1500	L 58 W/940 UVS	4.17	FDH-80/60/1B-L/P-G5-16/1449	FQ 80 W/860 HO	4.05
FD-58/40/1B-E-G13-26/1500	L 58 W/840	4.10	FDI-70/30/1B-2-pin	ENDURA 70 W/830 2-pin	3.29
FD-58/40/1B-E-G13-26/1500	L 58 W/840 SPS	4.17	FDI-70/40/1B-2-pin	ENDURA 70 W/840 2-pin	3.29
FD-58/50/1A-E-G13-26/1500	L 58 W/950	4.12	FDI-100/30/1B-2-pin	ENDURA 100 W/830 2-pin	3.29
FD-58/60/1B-E-G13-26/1500	L 58 W/865	4.10	FDI-100/30/1B-3-pin	ENDURA 100 W/830 3-pin	3.29
FD-58/65/1A-E-G13-26/1500	L 58 W/965	4.15	FDI-100/40/1B-2-pin	ENDURA 100 W/840 2-pin	3.29
FD-58/76-E-G13-26/1500	L 58 W/76	4.14	FDI-100/40/1B-3-pin	ENDURA 100 W/840 3-pin	3.29
FD-58/77-E-G13-26/1500	L 58 W/77	4.16	FDI-150/30/1B-2-pin	ENDURA 150 W/830 2-pin	3.29
FD-58/BLUE-E-G13-26/1500	L 58 W/67	4.17	FDI-150/30/1B-2-pin/wire	ENDURA 150 W/830 2-pin/wire	3.29
FD-58/GREEN-E-G13-26/1500	L 58 W/66	4.17	FDI-150/30/1B-3-pin	ENDURA 150 W/830 3-pin	3.29
FD-58/RED-E-G13-26/1500	L 58 W/60	4.17	FDI-150/40/1B-2-pin	ENDURA 150 W/840 2-pin	3.29
FD-58/YELLOW-E-G13-26/1500	L 58 W/62	4.17	FDI-150/40/1B-2-pin/wire	ENDURA 150 W/840 2-pin/wire	3.29
FDH-14/27/1B-L/P-G5-16/549	FH 14 W/827 HE	4.04	FDI-150/40/1B-3-pin	ENDURA 150 W/840 3-pin	3.29
FDH-14/30/1B-L/P-G5-16/549	FH 14 W/830 HE	4.04	FM-6/30/2A-E-W4.3-7/218.5	FM 6 W/730	4.19
FDH-14/40/1B-L/P-G5-16/549	FH 14 W/840 HE	4.04	FM-6/40/2A-E-W4.3-7/218.5	FM 6 W/740	4.19
FDH-14/60/1B-L/P-G5-16/549	FH 14 W/865 HE	4.04	FM-6/60/2A-E-W4.3-7/218.5	FM 6 W/760	4.19
FDH-14/BLUE/1B-L/P-G5-16/549	FH 14 W/67 HE	4.08	FM-8/30/2A-E-W4.3-7/320.0	FM 8 W/730	4.19
FDH-14/GREEN/1B-L/P-G5-16/549	FH 14 W/66 HE	4.08	FM-8/40/2A-E-W4.3-7/320.0	FM 8 W/740	4.19
FDH-14/RED/1B-L/P-G5-16/549	FH 14 W/60 HE	4.08	FM-8/60/2A-E-W4.3-7/320.0	FM 8 W/760	4.19
FDH-21/27/1B-L/P-G5-16/849	FH 21 W/827 HE	4.04	FM-11/30/2A-E-W4.3-7/421.6	FM 11 W/730	4.19
FDH-21/30/1B-L/P-G5-16/849	FH 21 W/830 HE	4.04	FM-11/40/2A-E-W4.3-7/421.6	FM 11 W/740	4.19
FDH-21/40/1B-L/P-G5-16/849	FH 21 W/840 HE	4.04	FM-11/60/2A-E-W4.3-7/421.6	FM 11 W/760	4.19
FDH-21/60/1B-L/P-G5-16/849	FH 21 W/865 HE	4.04	FM-13/30/2A-E-W4.3-7/523.0	FM 13 W/730	4.19
FDH-24/27/1B-L/P-G5-16/549	FQ 24 W/827 HO	4.05	FM-13/40/2A-E-W4.3-7/523.0	FM 13 W/740	4.19
FDH-24/30/1B-L/P-G5-16/549	FQ 24 W/830 HO	4.05	FM-13/60/2A-E-W4.3-7/523.0	FM 13 W/760	4.19
FDH-24/40/1B-L/P-G5-16/549	FQ 24 W/840 HO	4.05	FSD/b-24-E-2G11	OSRAM DULUX L 24 W/67	3.24
FDH-24/60/1B-L/P-G5-16/549	FQ 24 W/865 HO	4.05	FSD/b-9-I-G23	OSRAM DULUX S 9 W/67	3.22
FDH-28/27/1B-L/P-G5-16/1149	FH 28 W/827 HE	4.04	FSD/g-9-I-G23	OSRAM DULUX S 9 W/66	3.22
FDH-28/30/1B-L/P-G5-16/1149	FH 28 W/830 HE	4.04	FSD/r-9-I-G23	OSRAM DULUX S 9 W/60	3.22
FDH-28/40/1B-L/P-G5-16/1149	FH 28 W/840 HE	4.04	FSD-5/27/1B-E-2G7	OSRAM DULUX S/E 5 W/827	3.23
FDH-28/60/1B-L/P-G5-16/1149	FH 28 W/865 HE	4.04	FSD-5/27/1B-I-G23	OSRAM DULUX S 5 W/827	3.22

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FSD-5/30/1B-I-G23	OSRAM DULUX S 5 W/830	3.22	FSDH-55/94/1A-2G11	OSRAM DULUX L 55 W/940	3.25
FSD-5/40/1B-E-2G7	OSRAM DULUX S/E 5 W/840	3.23	FSDH-55/95/1A-2G11	OSRAM DULUX L 55 W/950	3.25
FSD-5/40/1B-I-G23	OSRAM DULUX S 5 W/840	3.22	FSDH-80/30/1B-2G11	OSRAM DULUX L 80 W/830	3.24
FSD-7/27/1B-E-2G7	OSRAM DULUX S/E 7 W/827	3.23	FSDH-80/40/1B-2G11	OSRAM DULUX L 80 W/840	3.24
FSD-7/27/1B-I-G23	OSRAM DULUX S 7 W/827	3.22	FSM-13/27/1B-I-GX24d = 1	OSRAM DULUX T 13 W/827 PLUS	3.16
FSD-7/30/1B-E-2G7	OSRAM DULUX S/E 7 W/830	3.23	FSM-13/30/1B-I-GX24d = 1	OSRAM DULUX T 13 W/830 PLUS	3.16
FSD-7/30/1B-I-G23	OSRAM DULUX S 7 W/830	3.22	FSM-13/40/1B-I-GX24d = 1	OSRAM DULUX T 13 W/840 PLUS	3.16
FSD-7/40/1B-E-2G7	OSRAM DULUX S/E 7 W/840	3.23	FSM-18/27/1B-I-GX24d = 2	OSRAM DULUX T 18 W/827 PLUS	3.16
FSD-7/40/1B-I-G23	OSRAM DULUX S 7 W/840	3.22	FSM-18/30/1B-I-GX24d = 2	OSRAM DULUX T 18 W/830 PLUS	3.16
FSD-7/60/1B-I-G23	OSRAM DULUX S 7 W/860	3.22	FSM-18/40/1B-I-GX24d = 2	OSRAM DULUX T 18 W/840 PLUS	3.16
FSD-9/27/1B-E-2G7	OSRAM DULUX S/E 9 W/827	3.23	FSM-26/27/1B-I-GX24d = 3	OSRAM DULUX T 26 W/827 PLUS	3.16
FSD-9/27/1B-I-G23	OSRAM DULUX S 9 W/827	3.22	FSM-26/30/1B-I-GX24d = 3	OSRAM DULUX T 26 W/830 PLUS	3.16
FSD-9/30/1B-E-2G7	OSRAM DULUX S/E 9 W/830	3.23	FSM-26/40/1B-I-GX24d = 3	OSRAM DULUX T 26 W/840 PLUS	3.16
FSD-9/30/1B-I-G23	OSRAM DULUX S 9 W/830	3.22	FSMH-13/27/1B-GX24q = 1	OSRAM DULUX T/E 13 W/827 PLUS	3.18
FSD-9/40/1B-E-2G7	OSRAM DULUX S/E 9 W/840	3.23	FSMH-13/30/1B-GX24q = 1	OSRAM DULUX T/E 13 W/830 PLUS	3.18
FSD-9/40/1B-I-G23	OSRAM DULUX S 9 W/840	3.22	FSMH-13/40/1B-GX24q = 1	OSRAM DULUX T/E 13 W/840 PLUS	3.18
FSD-9/60/1B-I-G23	OSRAM DULUX S 9 W/860	3.22	FSMH-18/27/1B-GX24q = 2	OSRAM DULUX T/E 18 W/827 PLUS	3.18
FSD-11/27/1B-E-2G7	OSRAM DULUX S/E 11 W/827	3.23	FSMH-18/30/1B-GX24q = 2	OSRAM DULUX T/E 18 W/830 PLUS	3.18
FSD-11/27/1B-I-G23	OSRAM DULUX S 11 W/827	3.22	FSMH-18/40/1B-GX24q = 2	OSRAM DULUX T/E 18 W/840 PLUS	3.18
FSD-11/30/1B-E-2G7	OSRAM DULUX S/E 11 W/830	3.23	FSMH-26/27/1B-GX24q = 3	OSRAM DULUX T/E 26 W/827 PLUS	3.18
FSD-11/30/1B-I-G23	OSRAM DULUX S 11 W/830	3.22	FSMH-26/30/1B-GX24q = 3	OSRAM DULUX T/E 26 W/830 PLUS	3.18
FSD-11/40/1B-E-2G7	OSRAM DULUX S/E 11 W/840	3.23	FSMH-26/40/1B-GX24q = 3	OSRAM DULUX T/E 26 W/840 PLUS	3.18
FSD-11/40/1B-I-G23	OSRAM DULUX S 11 W/840	3.22	FSMH-32/27/1B-GX24q = 3	OSRAM DULUX T/E 32 W/827 PLUS	3.18
FSD-11/54/1A-I-G23	OSRAM DULUX S 11 W/860	3.22	FSMH-32/30/1B-GX24q = 3	OSRAM DULUX T/E 32 W/830 PLUS	3.18
FSD-18/27/1B-E-2G11	OSRAM DULUX L 18 W/827	3.24	FSMH-32/40/1B-GX24q = 3	OSRAM DULUX T/E 32 W/840 PLUS	3.18
FSD-18/30/1B-E-2G11	OSRAM DULUX L 18 W/830	3.24	FSMH-42/27/1B-GX24q = 4	OSRAM DULUX T/E 42 W/827 PLUS	3.18
FSD-18/40/1B-E-2G11	OSRAM DULUX L 18 W/840	3.24	FSMH-42/30/1B-GX24q = 4	OSRAM DULUX T/E 42 W/830 PLUS	3.18
FSD-18/93/1A-2G11	OSRAM DULUX L 18 W/930	3.25	FSMH-42/40/1B-GX24q = 4	OSRAM DULUX T/E 42 W/840 PLUS	3.18
FSD-18/94/1A-2G11	OSRAM DULUX L 18 W/940	3.25	FSMH-57/27/1B-GX24q = 5	OSRAM DULUX T/E 57 W/827	3.19
FSD-18/95/1A-2G11	OSRAM DULUX L 18 W/950	3.25	FSMH-57/30/1B-GX24q = 5	OSRAM DULUX T/E 57 W/830 PLUS	3.19
FSD-18/L/30/1B-E-2G11	OSRAM DULUX L 18 W/830 SP	3.26	FSMH-57/40/1B-GX24q = 5	OSRAM DULUX T/E 57 W/840 PLUS	3.19
FSD-24/27/1B-E-2G11	OSRAM DULUX L 24 W/827	3.24	FSMH-70/30/1B-GX24q = 6	OSRAM DULUX T/E 70 W/830 PLUS	3.19
FSD-24/30/1B-E-2G11	OSRAM DULUX L 24 W/830	3.24	FSMH-70/40/1B-GX24q = 6	OSRAM DULUX T/E 70 W/840 PLUS	3.19
FSD-24/40/1B-E-2G11	OSRAM DULUX L 24 W/840	3.24	FSQ-10/27/1B-E-G24q = 1	OSRAM DULUX D/E 10 W/827	3.21
FSD-24/93/1A-2G11	OSRAM DULUX L 24 W/930	3.25	FSQ-10/27/1B-I-G24d = 1	OSRAM DULUX D 10 W/827	3.20
FSD-24/94/1A-2G11	OSRAM DULUX L 24 W/940	3.25	FSQ-10/30/1B-E-G24q = 1	OSRAM DULUX D/E 10 W/830	3.21
FSD-24/95/1A-2G11	OSRAM DULUX L 24 W/950	3.25	FSQ-10/30/1B-I-G24d = 1	OSRAM DULUX D 10 W/830	3.20
FSD-24/L/30/1B-E-2G11	OSRAM DULUX L 24 W/830 SP	3.26	FSQ-10/40/1B-E-G24q = 1	OSRAM DULUX D/E 10 W/840	3.21
FSD-36/27/1B-E-2G11	OSRAM DULUX L 36 W/827	3.24	FSQ-10/40/1B-I-G24d = 1	OSRAM DULUX D 10 W/840	3.20
FSD-36/30/1B-E-2G11	OSRAM DULUX L 36 W/830	3.24	FSQ-13/27/1B-E-G24q = 1	OSRAM DULUX D/E 13 W/827	3.21
FSD-36/40/1B-E-2G11	OSRAM DULUX L 36 W/840	3.24	FSQ-13/27/1B-I-G24d = 1	OSRAM DULUX D 13 W/827	3.20
FSD-36/60/1B-E-2G11	OSRAM DULUX L 36 W/860	3.24	FSQ-13/30/1B-E-G24q = 1	OSRAM DULUX D/E 13 W/830	3.21
FSD-36/93/1A-2G11	OSRAM DULUX L 36 W/930	3.25	FSQ-13/30/1B-I-G24d = 1	OSRAM DULUX D 13 W/830	3.20
FSD-36/94/1A-2G11	OSRAM DULUX L 36 W/940	3.25	FSQ-13/40/1B-E-G24q = 1	OSRAM DULUX D/E 13 W/840	3.21
FSD-36/95/1A-2G11	OSRAM DULUX L 36 W/950	3.25	FSQ-13/40/1B-I-G24d = 1	OSRAM DULUX D 13 W/840	3.20
FSDH-40/27/1B-2G11	OSRAM DULUX L 40 W/827	3.24	FSQ-18/27/1B-E-G24q = 2	OSRAM DULUX D/E 18 W/827	3.21
FSDH-40/30/1B-2G11	OSRAM DULUX L 40 W/830	3.24	FSQ-18/27/1B-I-G24d = 2	OSRAM DULUX D 18 W/827	3.20
FSDH-40/40/1B-2G11	OSRAM DULUX L 40 W/840	3.24	FSQ-18/30/1B-E-G24q = 2	OSRAM DULUX D/E 18 W/830	3.21
FSDH-40/60/1B-2G11	OSRAM DULUX L 40 W/860	3.24	FSQ-18/30/1B-I-G24d = 2	OSRAM DULUX D 18 W/830	3.20
FSDH-40/95/1A-2G11	OSRAM DULUX L 40 W/950	3.25	FSQ-18/40/1B-E-G24q = 2	OSRAM DULUX D/E 18 W/840	3.21
FSDH-55/27/1B-2G11	OSRAM DULUX L 55 W/827	3.24	FSQ-18/40/1B-I-G24d = 2	OSRAM DULUX D 18 W/840	3.20
FSDH-55/30/1B-2G11	OSRAM DULUX L 55 W/830	3.24	FSQ-26/27/1B-E-G24q = 3	OSRAM DULUX D/E 26 W/827	3.21
FSDH-55/40/1B-2G11	OSRAM DULUX L 55 W/840	3.24	FSQ-26/27/1B-I-G24d = 3	OSRAM DULUX D 26 W/827	3.20
FSDH-55/60/1B-2G11	OSRAM DULUX L 55 W/860	3.24	FSQ-26/30/1B-E-G24q = 3	OSRAM DULUX D/E 26 W/830	3.21
FSDH-55/93/1A-2G11	OSRAM DULUX L 55 W/930	3.25	FSQ-26/30/1B-I-G24d = 3	OSRAM DULUX D 26 W/830	3.20

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FSQ-26/40/1B-E-G24q = 3	OSRAM DULUX D/E 26 W/840	3.21	HMGS/UB/IB-50-12-G53-111/8	48835SP	2.09
FSQ-26/40/1B-I-G24d = 3	OSRAM DULUX D 26 W/840	3.20	HMGS/UB/IB-65-12-G53-111/8	48837SP	2.09
FSS-16/27/1B-I-GR8	CFL SQUARE 16 W/827 2-Pin	3.28	HMGS/UB/IB-65-12-G53-111/24	48837FL	2.09
FSS-16/27/1B-E-GR10q	CFL SQUARE 16 W/827 4-Pin	3.28	HMGS/UB-20-12-BA15d-70/24	41970FL	2.11
FSS-16/35/1B-I-GR8	CFL SQUARE 16 W/835 2-Pin	3.28	HMGS/UB-20-12-BA15d-70/8	41970SP	2.11
FSS-16/35/1B-E-GR10q	CFL SQUARE 16 W/835 4-Pin	3.28	HMGS/UB-20-12-GY4-48/8	41900SP	2.11
FSS-18/27/1B-E-2G10	OSRAM DULUX F 18 W/827	3.27	HMGS/UB-35-6-G53-111/4	41830SSP	2.10
FSS-18/30/1B-E-2G10	OSRAM DULUX F 18 W/830	3.27	HMGS/UB-35-12-G53-111/24	41832FL	2.10
FSS-18/40/1B-E-2G10	OSRAM DULUX F 18 W/840	3.27	HMGS/UB-35-12-G53-111/4	41832SSP	2.10
FSS-24/27/1B-E-2G10	OSRAM DULUX F 24 W/827	3.27	HMGS/UB-50-12-BA15d-70/8	41990SP	2.11
FSS-24/30/1B-E-2G10	OSRAM DULUX F 24 W/830	3.27	HMGS/UB-50-12-BA15d-70/24	41990FL	2.11
FSS-24/40/1B-E-2G10	OSRAM DULUX F 24 W/840	3.27	HMGS/UB-50-12-G53-111/4	41835SSP	2.10
FSS-28/27/1B-I-GR8	CFL SQUARE 28 W/827 2-Pin	3.28	HMGS/UB-50-12-G53-111/8	41835SP	2.10
FSS-28/27/1B-E-GR10q	CFL SQUARE 28 W/827 4-Pin	3.28	HMGS/UB-50-12-G53-111/24	41835FL	2.10
FSS-28/35/1B-I-GR8	CFL SQUARE 28 W/835 2-Pin	3.28	HMGS/UB-75-12-G53-111/8	41840SP	2.10
FSS-28/35/1B-E-GR10q	CFL SQUARE 28 W/835 4-Pin	3.28	HMGS/UB-75-12-G53-111/24	41840FL	2.10
FSS-36/27/1B-E-2G10	OSRAM DULUX F 36 W/827	3.27	HMGS/UB-75-12-G53-111/45	41840WFL	2.10
FSS-36/30/1B-E-2G10	OSRAM DULUX F 36 W/830	3.27	HMGS/UB-100-12-G53-111/8	41850SP	2.10
FSS-36/40/1B-E-2G10	OSRAM DULUX F 36 W/840	3.27	HMGS/UB-100-12-G53-111/24	41850FL	2.10
FSS-38/27/1B-E-GR10q	CFL SQUARE 38 W/827 4-Pin	3.28	HMGS/UB-100-12-G53-111/45	41850WFL	2.10
FSS-38/35/1B-E-GR10q	CFL SQUARE 38 W/835 4-Pin	3.28	HRGS/UB-50-12-GU5.3-51/38/45K	46871WFL	2.14
FU-18/40/2A-E-G13	L 18/740 U	4.18	HRGS/UB/IB 20-12-GU5.3-51/10	48860SP	2.12
FU-36/30/3-E-G13	L 36/530 U	4.18	HRGS/UB/IB 20-12-GU5.3-51/24	48860FL	2.12
FU-36/40/2A-E-G13	L 36/740 U	4.18	HRGS/UB/IB 20-12-GU5.3-51/38	48860WFL	2.12
FU-58/30/3-E-G13	L 58/530 U	4.18	HRGS/UB/IB 20-12-GU5.3-51/60	48860VWFL	2.12
FU-58/40/2A-E-G13	L 58/740 U	4.18	HRGS/UB/IB-35-12-GU5.3-51/10	48865SP	2.12
HAGS/UB-20-12-GU5.3-51/38	41861WFL	2.14	HRGS/UB/IB-35-12-GU5.3-51/24	48865FL	2.12
HAGS/UB-35-12-GU5.3-51/38	41866WFL	2.14	HRGS/UB/IB-35-12-GU5.3-51/38	48865WFL	2.12
HAGS/UB-35-230-GU10-51/35	64820 FL	2.18	HRGS/UB/IB-35-12-GU5.3-51/60	48865VWFL	2.12
HAGS/UB-40-230-E14-50	64861 R50	2.23	HRGS/UB/IB-50-12-GU5.3-51/10	48870SP	2.12
HAGS/UB-40-230-E14-51/35	64822 FL	2.19	HRGS/UB/IB-50-12-GU5.3-51/24	48870FL	2.12
HAGS/UB-50-12-GU5.3-51/38	41871WFL	2.14	HRGS/UB/IB-50-12-GU5.3-51/38	48870WFL	2.12
HAGS/UB-50-230-E27-64.5/10	64832 SP	2.19	HRGS/UB/IB-50-12-GU5.3-51/60	48870VWFL	2.12
HAGS/UB-50-230-E27-64.5/30	64832 FL	2.19	HRGS/UB-10-12-GU4-35/38	44888WFL	2.16
HAGS/UB-50-230-GU10-51/35	64824 FL	2.18	HRGS/UB-20-12-GU4-35/10	46890SP	2.13
HAGS/UB-75-230-E27-97/10	64841 SP	2.19	HRGS/UB-20-12-GU4-35/10	44890SP	2.16
HAGS/UB-75-230-E27-97/30	64841 FL	2.19	HRGS/UB-20-12-GU4-35/38	46890WFL	2.13
HAGS/UB-75-230-GU10-64/30	64830 FL	2.18	HRGS/UB-20-12-GU4-35/38	44890WFL	2.16
HDG-60-230-R7s-74.9	64688	2.24	HRGS/UB-20-12-GU5.3-51/10	46860SP	2.13
HDG-100-230-R7s-74.9	64690	2.24	HRGS/UB-20-12-GU5.3-51/10	41860SP	2.15
HDG-150-230-R7s-114.2	64696	2.24	HRGS/UB-20-12-GU5.3-51/10	44860SP	2.15
HDG-150-230-R7s-74.9	64695	2.24	HRGS/UB-20-12-GU5.3-51/38	46860WFL	2.13
HDG-200-230-R7s-114.2	64698	2.24	HRGS/UB-20-12-GU5.3-51/38	41860WFL	2.15
HDG-300-230-R7s-114.2	64701	2.24	HRGS/UB-20-12-GU5.3-51/38	44860WFL	2.15
HDG-500-230-R7s-114.2	64702	2.24	HRGS/UB-20-12-GU5.3-51/60	46860VWFL	2.13
HDG-750-230-R7s-185.7	64560	2.24	HRGS/UB-35-12-GU4-35/10	46892SP	2.13
HDG-1000-230-R7s-185.7	64740	2.24	HRGS/UB-35-12-GU4-35/10	44892SP	2.16
HDG-1500-230-R7s-250.7	64760	2.24	HRGS/UB-35-12-GU4-35/38	46892WFL	2.13
HDG-2000-230-Fa4-334.4	64783	2.24	HRGS/UB-35-12-GU4-35/38	44892WFL	2.16
HDG-2000-230-R7s-327.4	64784	2.24	HRGS/UB-35-12-GU5.3-51/10	46865SP	2.13
HMG/UB-20-24-G4-48/8	41930SP	2.11	HRGS/UB-35-12-GU5.3-51/10	41865SP	2.15
HMG/UB-50-12-BA15d-70/24	41990FL	2.11	HRGS/UB-35-12-GU5.3-51/10	44865SP	2.15
HMGS/UB/IB-35-12-G53-111/24	48832FL	2.09	HRGS/UB-35-12-GU5.3-51/24	46865FL	2.13
HMGS/UB/IB-35-12-G53-111/8	48832SP	2.09	HRGS/UB-35-12-GU5.3-51/38	46865WFL	2.13
HMGS/UB/IB-50-12-G53-111/24	48835FL	2.09	HRGS/UB-35-12-GU5.3-51/38	41865WFL	2.15

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HRGS/UB-35-12-GU5.3-51/38	44865WFL	2.15	HSGST/F/UB-10-12-G4	64415F	2.07
HRGS/UB-35-12-GU5.3-51/60	46865VWFL	2.13	HSGST/F/UB-20-12-G4	64425F	2.07
HRGS/UB-50-12-GU5.3-51/10	46870SP	2.13	HSGST/F/UB-25-230-B15d/39	64466 AM	2.20
HRGS/UB-50-12-GU5.3-51/10	41870SP	2.15	HSGST/F/UB-25-230-G9-22	66725 AM	2.17
HRGS/UB-50-12-GU5.3-51/10	44870SP	2.15	HSGST/F/UB-35-12-GY6.35-15	64432F	2.07
HRGS/UB-50-12-GU5.3-51/24	46870FL	2.13	HSGST/F/UB-40-230-B15d/39	64467 AM	2.20
HRGS/UB-50-12-GU5.3-51/38	46870WFL	2.13	HSGST/F/UB-40-230-E14	64861 T IM	2.23
HRGS/UB-50-12-GU5.3-51/38	41870WFL	2.15	HSGST/F/UB-40-230-G9-22	66740 AM	2.17
HRGS/UB-50-12-GU5.3-51/38	44870WFL	2.15	HSGST/F/UB-50-12-GY6.35-15	64440F	2.07
HRGS/UB-50-12-GU5.3-51/60	46870VWFL	2.13	HSGST/F/UB-60-230-B15d/39	64481 AM	2.20
HRGS/UB-50-230-E27-64.5/10	64836 SP	2.19	HSGST/F/UB-60-230-B15d/55	64469 AM	2.20
HRGS/UB-50-230-E27-64.5/30	64836 FL	2.19	HSGST/F/UB-60-230-E14	64862 T IM	2.23
HRGS/UB-50-230-GZ10-51/35	64826 FL	2.18	HSGST/F/UB-60-230-E27	64472 IM	2.21
HRGS/UB-75-230-E27-97/10	64845 SP	2.19	HSGST/F/UB-60-230-G9-26.5	66660 AM	2.17
HRGS/UB-75-230-E27-97/30	64845 FL	2.19	HSGST/F/UB-75-230-B15d/55	64473 AM	2.20
HSGSA/C/UB-40-230-E27-60	64470 A	2.22	HSGST/F/UB-75-230-E27	64474 IM	2.21
HSGSA/C/UB-60-230-E27-60	64472 A	2.22	HSGST/F/UB-75-230-G9-26.5	66675 AM	2.17
HSGSB/UB-25-230-E14	64860 CF	2.23	HSGST/F/UB-100-230-B15d/55	64475 AM	2.20
HSGSB/UB-40-230-E14	64861 CF	2.23	HSGST/F/UB-100-230-E27	64476 IM	2.21
HSGSBT/C/UB-40-230-E27	64470 BT	2.22	HSGST/F/UB-150-230-E27	64478 IM	2.21
HSGSBT/C/UB-60-230-E27	64472 BT	2.22	HSGST/F//UB-150-230-B15d/55	64471 AM	2.20
HSGSBT/C/UB-100-230-E27	64476 BT	2.22	HSGST/F//UB-150-230-B15d/67	64477 AM	2.20
HSGSBT/C/UB-150-230-E27	64478 BT	2.22	HSGST/F//UB-250-230-B15d/67	64479 AM	2.20
HSGSBT/F/UB-40-230-E27	64470 BT SIL	2.22	HSGST/F/UB-250-230-E27	64480 IM	2.21
HSGSBT/F/UB-60-230-E27	64472 BT SIL	2.22	HSGST/UB/IB-25-12-GY6.35	64429 IRC	2.05
HSGSBT/F/UB-100-230-E27	64476 BT SIL	2.22	HSGST/UB/IB-35-12-GY6.35	64432 IRC	2.05
HSGSBT/F/UB-150-230-E27	64478 BT SIL	2.22	HSGST/UB/IB-50-12-GY6.35	64440 IRC	2.05
HSGSC/UB-25-230-E14	64860 HC	2.23	HSGST/UB/IB-65-12-GY6.35	64447 IRC	2.05
HSGSC/UB-40-230-E14	64861 HC	2.23	HSGST/UB-5-12-G4	64405S	2.06
HSGSC/UB-60-230-E14	64862 HC	2.23	HSGST/UB-10-6-G4	64410S	2.06
HSGST/C/UB-10-12-G4	64415	2.07	HSGST/UB-10-12-G4	64415S	2.06
HSGST/C/UB-20-12-G4	64425	2.07	HSGST/UB-20-12-G4	64425S	2.06
HSGST/C/UB-25-230-B15d/39	64466	2.20	HSGST/UB-20-12-GY6.35-15	64427S	2.06
HSGST/C/UB-25-230-E14	64860 T	2.23	HSGST/UB-35-12-GY6.35-15	64432S	2.06
HSGST/C/UB-25-230-G9-22	66725	2.17	HSGST/UB-50-12-GY6.35-15	64440S	2.06
HSGST/C/UB-35-12-GY6.35-15	64432	2.07	HSGST/UB-75-12-GY6.35-15	64450S	2.06
HSGST/C/UB-40-230-B15d/39	64467	2.20	HSGST/UB-90-12-GY6.35-15	64458S	2.06
HSGST/C/UB-40-230-E14	64861 T	2.23	HSGT/UB-5-12-G4	64408	2.08
HSGST/C/UB-40-230-G9-22	66740	2.17	HSGT/UB-10-12-G4	64418	2.08
HSGST/C/UB-50-12-GY6.35-15	64440	2.07	HSGT/UB-20-12-G4	64428	2.08
HSGST/C/UB-60-230-B15d/39	64481	2.20	HSGT/UB-20-24-G4	64435	2.08
HSGST/C/UB-60-230-B15d/55	64469	2.20	HSGT/UB-50-24-GY6.35-15	64445	2.08
HSGST/C/UB-60-230-E14	64862 T	2.23	HSGT/UB-100-24-GY6.35-15	64460	2.08
HSGST/C/UB-60-230-E27	64472	2.21	HSGT/UB-150-24-GY6.35-20	64465	2.08
HSGST/C/UB-60-230-G9-26.5	66660	2.17	IAA-60-240-E27-60	DECOR A CARBON 60 W 240 V	1.18
HSGST/C/UB-75-230-B15d/55	64473	2.20	IAA/B-25-240-E27-60	DECOR A BLUE 25 W 240 V E27	1.16
HSGST/C/UB-75-230-E27	64474	2.21	IAA/C-15-230-E27-60	CLAS A CL 15 W 230 V E27	1.04
HSGST/C/UB-75-230-G9-26.5	66675	2.17	IAA/C-25-230-E27-60	CLAS A CL 25 W 230 V E27	1.04
HSGST/C/UB-100-230-B15d/55	64475	2.20	IAA/C-40-230-E27-60	CLAS A CL 40 W 230 V E27	1.04
HSGST/C/UB-100-230-E27	64476	2.21	IAA/C-60-230-E27-60	CLAS A CL 60 W 230 V E27	1.04
HSGST/C/UB-150-230-B15d/55	64471	2.20	IAA/C-75-230-E27-60	CLAS A CL 75 W 230 V E27	1.04
HSGST/C/UB-150-230-B15d/67	64477	2.20	IAA/C-100-230-E27-60	CLAS A CL 100 W 230 V E27	1.04
HSGST/C/UB-150-230-E27	64478	2.21	IAA/C-150-230-E27-65	CLAS A CL 150 W 230 V E27	1.04
HSGST/C/UB-250-230-B15d/67	64479	2.20	IAA/C-200-230-E27-80	CLAS A CL 200 W 230 V E27	1.04
HSGST/C/UB-250-230-E27	64480	2.21	IAA/C/LT-300-230-E40-90	SPC. A T CL 300 W 230 V E40	1.22

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ILCOS	Product reference	Page	ILCOS	Product reference	Page
IAA/C/LT-500-230-E40-110	SPC. A T CL 500 W 230 V E40	1.22	IAT/YP-60-230-E27-60	BELLA T60 CITR 60 W 230 V E27	1.07
IAA/C/RS-200-230-E27-80	CENTRA A CL 200 W 230 V E27	1.22	IBB/C-15-230-E14-35	CLAS B CL 15 W 230 V E14	1.05
IAA/F-15-230-E27-60	CLAS A FR 15 W 230 V E27	1.04	IBB/C-25-230-E14-35	CLAS B CL 25 W 230 V E14	1.05
IAA/F-25-230-E27-60	CLAS A FR 25 W 230 V E27	1.04	IBB/C-25-230-E14-35	CLAS BW CL 25 W 230 V E14	1.05
IAA/F-40-230-E27-60	CLAS A FR 40 W 230 V E27	1.04	IBB/C-25-230-E27-35	CLAS B CL 25 W 230 V E27	1.05
IAA/F-60-230-E27-60	CLAS A FR 60 W 230 V E27	1.04	IBB/C-40-230-E14-35	CLAS B CL 40 W 230 V E14	1.05
IAA/F-75-230-E27-60	CLAS A FR 75 W 230 V E27	1.04	IBB/C-40-230-E14-35	CLAS BW CL 40 W 230 V E14	1.05
IAA/F-100-230-E27-60	CLAS A FR 100 W 230 V E27	1.04	IBB/C-40-230-E27-35	CLAS B CL 40 W 230 V E27	1.05
IAA/F-150-230-E27-65	CLAS A FR 150 W 230 V E27	1.04	IBB/C-60-230-E14-35	CLAS B CL 60 W 230 V E14	1.05
IAA/F-200-230-E27-80	CLAS A FR 200 W 230 V E27	1.04	IBB/C-60-230-E27-35	CLAS B CL 60 W 230 V E27	1.05
IAA/F/RS-100-230-E27-65	CENTRA A FR 100 W 230 V E27	1.22	IBB/F-15-230-E14-35	CLAS B FR 15 W 230 V E14	1.05
IAA/F/RT-25-230-E27-60	CENTRA A T FR 25 W 230 V E27	1.22	IBB/F-25-230-E14-35	CLAS B FR 25 W 230 V E14	1.05
IAA/F/RT-40-230-E27-60	CENTRA A T FR 40 W 230 V E27	1.22	IBB/F-25-230-E14-35	CLAS BW FR 25 W 230 V E14	1.05
IAA/F/RT-60-230-E27-60	CENTRA A T FR 60 W 230 V E27	1.22	IBB/F-25-230-E27-35	CLAS B FR 25 W 230 V E27	1.05
IAA/G-25-240-E27-60	DECOR A GREEN 25 W 240 V E27	1.16	IBB/F-40-230-E14-35	CLAS B FR 40 W 230 V E14	1.05
IAA/O-25-240-E27-60	DECOR A ORANGE 25 W 240 V E27	1.16	IBB/F-40-230-E14-35	CLAS BW FR 40 W 230 V E14	1.05
IAA/R-25-240-E27-60	DECOR A RED 25 W 240 V E27	1.16	IBB/F-40-230-E27-35	CLAS B FR 40 W 230 V E27	1.05
IAA/S-40-240-E27-60	DECOR A SILV 40 W 240 V E27	1.17	IBB/F-60-230-E14-35	CLAS B FR 60 W 230 V E14	1.05
IAA/S-60-240-E27-60	DECOR A SILV 60 W 240 V E27	1.17	IBB/F-60-230-E27-35	CLAS B FR 60 W 230 V E27	1.05
IAA/S-100-240-E27-65	DECOR A SILV 100 W 240 V E27	1.17	IBB/W-25-230-E14-35	SUPER B SIL 25 W 230 V E14	1.11
IAA/X-40-230-E27-60	DECOR A GOLD 40 W 230 V E27	1.17	IBB/W-25-230-E14-35	SUPER BW SIL 25 W 230 V E14	1.11
IAA/X-60-230-E27-60	DECOR A GOLD 60 W 230 V E27	1.17	IBB/W-40-230-E14-35	SUPER B SIL 40 W 230 V E14	1.11
IAA/X-100-230-E27-65	DECOR A GOLD 100 W 230 V E27	1.17	IBB/W-40-230-E14-35	SUPER BW SIL 40 W 230 V E14	1.11
IAA/Y-25-240-E27-60	DECOR A YELLOW 25 W 240 V E27	1.16	IBB/W-60-230-E14-35	SUPER B SIL 60 W 230 V E14	1.11
IAA/Y-60-230-E27-60	SPC. A INSECTA 60 W 230 V E27	1.23	IBB/W-60-230-E14-35	SUPER BW SIL 60 W 230 V E14	1.11
IAB/F-40-240-E14-46	DECOR BW 48 FR 40 W 240 V E14	1.18	IBB/WP-25-230-E14-35	BELLA B SIL 25 W 230 V E14	1.08
IAB/F-40-240-E27-46	DECOR BW 48 FR 40 W 240 V E27	1.18	IBB/WP-40-230-E14-35	BELLA B SIL 40 W 230 V E14	1.08
IAG/W-150-230-E27-120	BELLA G120 SIL 150 W 230 V E27	1.09	IBB/WP-60-230-E14-35	BELLA B SIL 60 W 230 V E14	1.08
IAG/WP-25-230-E14-60	BELLA G60 SIL 25 W 230 V E14	1.09	IBB/X-40-240-E14-35	DECOR B Gold 40 W 240 V E14	1.19
IAG/WP-40-230-E14-60	BELLA G60 SIL 40 W 230 V E14	1.09	IBB/X-40-240-E14-35	DECOR BA Gold 40 W 240 V E14	1.19
IAG/WP-40-230-E27-80	BELLA G80 SIL 40 W 230 V E27	1.09	IBB/X-40-240-E14-35	DECOR BW Gold 40 W 240 V E14	1.19
IAG/WP-40-230-E27-95	BELLA G95 SIL 40 W 230 V E27	1.09	IBBA-3-240-E14-32	DECOR BA FLICKER 3 W 240 V E14	1.18
IAG/WP-40-230-E27-120	BELLA G120 SIL 40 W 230 V E27	1.09	IBBA/F-25-230-E14-35	DECOR BA FR 25 W 230 V E14	1.18
IAG/WP-60-230-E27-80	BELLA G80 SIL 60 W 230 V E27	1.09	IBBA/F-40-230-E14-35	DECOR BA FR 40 W 230 V E14	1.18
IAG/WP-60-230-E27-95	BELLA G95 SIL 60 W 230 V E27	1.09	IBC/BT-25-230-E14-32	SPC. TV T DAYLIGHT 25 W 230 V E14	1.20
IAG/WP-60-230-E27-120	BELLA G120 SIL 60 W 230 V E27	1.09	IBC/C-15-230-E14-26	SPC. T26/57 CL 15 W 230 V E14	1.21
IAG/WP-100-230-E27-80	BELLA G80 SIL 100 W 230 V E27	1.09	IBC/C-25-230-E14-26	SPC. T26/57 CL 25 W 230 V E14	1.21
IAG/WP-100-230-E27-95	BELLA G95 SIL 100 W 230 V E27	1.09	IBC/F-15-230-E14-26	SPC. T26/57 FR 15 W 230 V E14	1.21
IAG/WP-100-230-E27-120	BELLA G120 SIL 100 W 230 V E27	1.09	IBC/F-25-230-E14-26	SPC. T26/57 FR 25 W 230 V E14	1.21
IAG/WP-150-230-E27-95	BELLA G95 SIL 150 W 230 V E27	1.09	IBP/B-25-240-E14-45	DECOR P BLUE 25 W 240 V E14	1.16
IAG/X-60-240-E27-80	DECOR G80 ICE Gold 60 W 240 V E27	1.19	IBP/B-25-240-E27-45	DECOR P BLUE 25 W 240 V E27	1.16
IAG/X-60-240-E27-95	DECOR G95 CROCO Gold 60 W 240 V E27	1.19	IBP/C-15-230-E14-45	CLAS P CL 15 W 230 V E14	1.06
IAM/W-25-230-E27-50	SUPER E SIL 25 W 230 V E27	1.10	IBP/C-15-230-E27-45	CLAS P CL 15 W 230 V E27	1.06
IAM/W-40-230-E27-50	SUPER E SIL 40 W 230 V E27	1.10	IBP/C-25-230-E14-45	CLAS P CL 25 W 230 V E14	1.06
IAM/W-60-230-E27-50	SUPER E SIL 60 W 230 V E27	1.10	IBP/C-25-230-E27-45	CLAS P CL 25 W 230 V E27	1.06
IAM/W-75-230-E27-60	SUPER E SIL 75 W 230 V E27	1.10	IBP/C-40-230-E14-45	CLAS P CL 40 W 230 V E14	1.06
IAM/W-100-230-E27-60	SUPER E SIL 100 W 230 V E27	1.10	IBP/C-40-230-E27-45	CLAS P CL 40 W 230 V E27	1.06
IAT/BP-60-230-E27-60	BELLA T60 AZUR 60 W 230 V E27	1.07	IBP/C-60-230-E14-45	CLAS P CL 60 W 230 V E14	1.06
IAT/GP-60-230-E27-60	BELLA T60 JADE 60 W 230 V E27	1.07	IBP/C-60-230-E27-45	CLAS P CL 60 W 230 V E27	1.06
IAT/OP-60-230-E27-60	BELLA T60 MAND 60 W 230 V E27	1.07	IBP/F-15-230-E14-45	CLAS P FR 15 W 230 V E14	1.06
IAT/PP-60-230-E27-60	BELLA T60 ROSÉ 60 W 230 V E27	1.07	IBP/F-15-230-E27-45	CLAS P FR 15 W 230 V E27	1.06
IAT/WP-40-230-E27-60	BELLA T60 SIL 40 W 230 V E27	1.07	IBP/F-25-230-E14-45	CLAS P FR 25 W 230 V E14	1.06
IAT/WP-60-230-E27-60	BELLA T60 SIL 60 W 230 V E27	1.07	IBP/F-25-230-E27-45	CLAS P FR 25 W 230 V E27	1.06
IAT/WP-75-230-E27-60	BELLA T60 SIL 75 W 230 V E27	1.07	IBP/F-40-230-E14-45	CLAS P FR 40 W 230 V E14	1.06
IAT/WP-100-230-E27-60	BELLA T60 SIL 100 W 230 V E27	1.07	IBP/F-40-230-E27-45	CLAS P FR 40 W 230 V E27	1.06

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IBP/F-40-240-E14-45	SPC. OVEN P FR 40 W 240 V E14	1.20	IRR-75-230-E27-80/80	CONC R80 75 W 230 V E27	1.12
IBP/F-60-230-E14-45	CLAS P FR 60 W 230 V E14	1.06	IRR-75-230-E27-95/35	CONC R95 75 W 230 V E27	1.12
IBP/F-60-230-E27-45	CLAS P FR 60 W 230 V E27	1.06	IRR-100-230-E27-80/80	CONC R80 100 W 230 V E27	1.12
IBP/G-25-240-E14-45	DECOR P GREEN 25 W 240 V E14	1.16	IRR-100-230-E27-95/35	CONC R95 100 W 230 V E27	1.12
IBP/G-25-240-E27-45	DECOR P GREEN 25 W 240 V E27	1.16	IRR-150-230-E27-95/35	CONC R95 150 W 230 V E27	1.12
IBP/R-25-240-E14-45	DECOR P RED 25 W 240 V E14	1.16	IRR/B-40-240-E14-50/30	CONC R50 SP BLUE 40 W 240 V E14	1.13
IBP/R-25-240-E27-45	DECOR P RED 25 W 240 V E27	1.16	IRR/B-40-240-E27-63/30	CONC R63 SP BLUE 40 W 240 V E27	1.13
IBP/W-25-230-E14-45	SUPER P SIL 25 W 230 V E14	1.11	IRR/B-60-230-E27-80/80	CONC R80 BLUE 60 W 230 V E27	1.13
IBP/W-25-230-E27-45	SUPER P SIL 25 W 230 V E27	1.11	IRR/G-40-240-E14-50/30	CONC R50 SP GREEN 40 W 240 V E14	1.13
IBP/W-40-230-E14-45	SUPER P SIL 40 W 230 V E14	1.11	IRR/G-40-240-E27-63/30	CONC R63 SP GREEN 40 W 240 V E27	1.13
IBP/W-40-230-E27-45	SUPER P SIL 40 W 230 V E27	1.11	IRR/G-60-230-E27-80/80	CONC R80 GREEN 60 W 230 V E27	1.13
IBP/W-60-230-E14-45	SUPER P SIL 60 W 230 V E14	1.11	IRR/N-60-230-E27-80/80	CONC R80 NATURA 60 W 230 V E27	1.14
IBP/W-60-230-E27-45	SUPER P SIL 60 W 230 V E27	1.11	IRR/N-100-230-E27-80/80	CONC R80 NATURA 100 W 230 V E27	1.14
IBP/Y-25-240-E14-45	DECOR P YELLOW 25 W 240 V E14	1.16	IRR/R-40-240-E14-50/30	CONC R50 SP RED 40 W 240 V E14	1.13
IBP/Y-25-240-E27-45	DECOR P YELLOW 25 W 240 V E27	1.16	IRR/R-40-240-E27-63/30	CONC R63 SP RED 40 W 240 V E27	1.13
IBT/BP-40-230-E14-45	BELLA T45 AZUR 40 W 230 V E14	1.08	IRR/R-60-230-E27-80/80	CONC R80 RED 60 W 230 V E27	1.13
IBT/C-15-230-E14-22	SPC. T OVEN CL 15 W 230 V E14	1.20	IRR/V-60-230-E27-80/80	CONC R80 VIOLET 60 W 230 V E27	1.13
IBT/C-25-230-E14-20	SPC. T20/115 CL 25 W 230 V E14	1.21	IRR/Y-40-240-E14-50/30	CONC R50 SP YELLOW 40 W 240 V E14	1.13
IBT/C-25-230-E14-25	SPC. T25/85 CL 25 W 230 V E14	1.21	IRR/Y-40-240-E27-63/30	CONC R63 SP YELLOW 40 W 240 V E27	1.13
IBT/F-25-230-E14-30	SPC. T30/100 FR 25 W 230 V E14	1.21	IRR/Y-60-230-E27-80/80	CONC R80 YELLOW 60 W 230 V E27	1.13
IBT/F-40-230-E14-30	SPC. T30/73 FR 40 W 230 V E14	1.21	MC-400/36/2B-H 115/S-E40-120/290	HQI-E 400/N clear	5.15
IBT/F-40-230-E14-30	SPC. T30/100 FR 40 W 230 V E14	1.21	MC-400/38/2B-H 115/S-E40-120/290	HQI-E 400/N clear	5.15
IBT/GP-40-230-E14-45	BELLA T45 JADE 40 W 230 V E14	1.08	MCS-100/30/1B-H 100/S-E27-54/141	HCI-E/P 100/830 WDL clear	5.13
IBT/OP-40-230-E14-45	BELLA T45 MAND 40 W 230 V E14	1.08	MCS-100/30/1B-H 100/S-E27-55/144	HQI-E 100/WDL clear	5.14
IBT/PP-40-230-E14-45	BELLA T45 ROSÉ 40 W 230 V E14	1.08	MCS-100/40/1B-H 115/S-E27-55/144	HQI-E 100/NDL clear	5.14
IBT/WP-25-230-E14-45	BELLA T45 SIL 25 W 230 V E14	1.08	MCS-150/29/1B-H 100/S-E27-54/141	HQI-E 150/WDL clear	5.14
IBT/WP-40-230-E14-45	BELLA T45 SIL 40 W 230 V E14	1.08	MCS-150/30/1B-H 109/S-E27-54/138	HCI-E/P 150/830 WDL clear	5.13
IBT/YP-40-230-E14-45	BELLA T45 CITR 40 W 230 V E14	1.08	MCS-150/40/1B-H 100/S-E27-55/144	HQI-E 150/NDL clear	5.14
INT/W-35-230-S14D-30	SPC. LIN 1613 SIL 35 W 230 V S14D	1.23	MCS-150/42/1A-H 95/S-E27-54/138	HCI-E/P 150/942 NDL clear	5.13
INT/W-35-230-S14S-30	SPC. LIN 1603 SIL 35 W 230 V S14S	1.23	MCS-70/30/1B-H 90/S-E27-54/138	HCI-E/P 70/830 WDL clear	5.13
INT/W-60-230-S14D-30	SPC. LIN 1614 SIL 60 W 230 V S14D	1.23	MCS-70/32/1B-H 98/S-E27-55/144	HQI-E 70/WDL clear	5.14
INT/W-60-230-S14S-30	SPC. LIN 1604 SIL 60 W 230 V S14S	1.23	MCS-70/42/1A-H 90/S-E27-54/138	HCI-E/P 70/942 NDL clear	5.13
INT/W-120-230-S14S-30	SPC. LIN 1104 SIL 120 W 230 V S14S	1.23	MCS-70/40/1B-H 85/S-E27-55/144	HQI-E 70/NDL clear	5.14
IPAR-60-240-E27-122/12	CONC PAR38 SP 60 W 240 V E27	1.15	MD-70/30/1B-H 90/S-RX7s-21/114	HCI-TS 70/830 WDL PB	5.04
IPAR-60-240-E27-122/30	CONC PAR38 FL 60 W 240 V E27	1.15	MD-70/30/1B-H 97/S-RX7s-20/114.2/P 45	HQI-TS 70/WDL	5.05
IPAR-80-240-E27-122/12	CONC PAR38 SP 80 W 240 V E27	1.15	MD-70/42/1A-H 90/S-RX7s-21/114/P 45	HCI-TS 70/942 NDL	5.04
IPAR-80-240-E27-122/30	CONC PAR38 FL 80 W 240 V E27	1.15	MD-70/40/1B-H 85/S-RX7s-20/114.2/P 45	HQI-TS 70/NDL	5.05
IPAR-120-240-E27-122/12	CONC PAR38 SP 120 W 240 V L E27	1.15	MD-70/52/1B-H 95/S-RX7s-20/114.2/P 45	HQI-TS 70/D	5.05
IPAR-120-240-E27-122/30	CONC PAR38 FL 120 W 240 V L E27	1.15	MD-150/30/1B-H 95/S-RX7s-23/132/P 45	HQI-TS 150/WDL	5.05
IPAR/B-80-240-E27-122/30	CONC PAR38 FL BLUE 80 W 240 V E27	1.15	MD-150/30/1B-H 100/S-RXTs-24/132	HCI-TS 150/830 WDL	5.04
IPAR/G-80-240-E27-122/30	CONC PAR38 FL GREEN 80 W 240 V E27	1.15	MD-150/42/1A-H 100/S-RXTs-24/132/P 45	HCI-TS 150/942 NDL	5.04
IPAR/R-80-240-E27-122/30	CONC PAR38 FL RED 80 W 240 V E27	1.15	MD-150/42/1B-H 90/S-RX7s-24-23/132/P 45	HQI-TS 150/NDL	5.05
IPAR/Y-80-240-E27-122/30	CONC PAR38 FL YELLOW 80 W 240 V E27	1.15	MD-150/52/1B-H 100/S-RX7s-24-23/132/P 45	HQI-TS 150/D	5.05
IRP/S-25-240-E14-45	DECOR P SILV 25 W 240 V E14	1.17	MD-250/30/1B-H 102/S-Fc2-25/163	HCI-TS 250/830 WDL	5.04
IRP/S-40-240-E14-45	DECOR P SILV 40 W 240 V E14	1.17	MD-250/32/1B-H 104/S-Fc2-25/163/P 45	HQI-TS 250/WDL	5.05
IRP/X-25-240-E14-45	DECOR P GOLD 25 W 240 V E14	1.17	MD-250/42/1B-H 100/S-Fc2-25/163/P 45	HQI-TS 250/NDL	5.05
IRP/X-40-240-E14-45	DECOR P GOLD 40 W 240 V E14	1.17	MD-250/51/1A-H 100/S-Fc2-25/163/P 45	HQI-TS 250/D	5.05
IRR-25-230-E14-50/30	CONC R50 SP 25 W 230 V E14	1.12	MD-400/42/1B-H 118/S-Fc2-31/206/H 45	HQI-TS 400/NDL	5.05
IRR-25-230-E27-63/30	CONC R63 SP 25 W 230 V E27	1.12	MD-400/52/1A-H 128/S-Fc2-31/206/H 45	HQI-TS 400/D	5.05
IRR-30-230-E14-39/40	CONC R39 30 W 230 V E14	1.12	MD-400/56/1A-H 120/S-Fc2-31/206/H 45	HQI-TS 400/D	5.05
IRR-40-230-E14-50/30	CONC R50 SP 40 W 230 V E14	1.12	ME-250/30/1B-H 100/S-E40-90/226	HCI-E 250/830 WDL PB	5.15
IRR-40-230-E27-63/30	CONC R63 SP 40 W 230 V E27	1.12	ME-250/52/1A-H 100/S-E40-90/226	HQI-E 250/D	5.15
IRR-40-230-E27-80/80	CONC R80 40 W 230 V E27	1.12	ME-400/40/2B-H 115/S-E40-120/290	HQI-E 400/N	5.15
IRR-60-230-E27-63/30	CONC R63 SP 60 W 230 V E27	1.12	ME-400/46/2A-H 115/S-E40-120/290	HQI-E 400/N	5.15
IRR-60-230-E27-80/80	CONC R80 60 W 230 V E27	1.12	ME-400/58/1A-H 112/S-E40-120/290	HQI-E 400/D	5.15

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ME-400/59/1A-H 130/S-E40-120/290	HQI-E 400/D	5.15	QB/R-160/36/2B-E 225/I-E27-75/177-V30	HWL 160 225 V	5.25
ME-1000/37/2B-H 120/S-E40-165/380/V 45	HQI-E 1000/N	5.15	QB/R-160/36/2B-E 235/I-E27-75/177-V30	HWL 160 235 V	5.25
MES-70/30/1B-H 99/S-E27-54/138	HCI-E/P 70/830 WDL coated	5.13	QB/R-250/38/2B-E 225/I-E27-90/235	HWL 250 225 V	5.25
MES-70/31/1B-H 98/S-E27-55/144	HQI-E 70/WDL	5.14	QB/R-250/38/2B-E 225/I-E40-90/226	HWL 250 225 V	5.25
MES-70/38/1B-H 85/S-E27-55/144	HQI-E 70/NDL	5.14	QB/R-250/38/2B-E 235/I-E27-90/235	HWL 250 235 V	5.25
MES-70/42/1A-H 99/S-E27-54/138	HCI-E/P 70/942 NDL coated	5.13	QB/R-250/38/2B-E 235/I-E40-90/226	HWL 250 235 V	5.25
MES-100/30/1B-H 100/S-E27-54/138	HCI-E/P 100/830 WDL coated	5.13	QB/R-500/41/2B-E 225/I-E40-120/275	HWL 500 225 V	5.25
MES-100/32/1B-H 100/S-E27-55/144	HQI-E 100/WDL	5.14	QB/R-500/41/2B-E 235/I-E40-120/275	HWL 500 235 V	5.25
MES-100/38/1B-H 115/S-E27-55/144	HQI-E 100/NDL	5.14	QBR/R-160/32/2B-E225/I-E27-125/168	HWL R 160 DE LUXE	5.25
MES-150/29/1B-H 100/S-E27-55/144	HQI-E 150/WDL	5.14	QE/R-50/30/3-H 95/I-E27-55/130	HQL 50 SUPER DE LUXE	5.23
MES-150/30/1B-H 109/S-E27-54/138	HCI-E/P 150/830 WDL coated	5.13	QE/R-50/33/3-H 95/I-E27-55/130	HQL 50 DE LUXE	5.23
MES-150/38/1B-H 100/S-E27-55/144	HQI-E 150/NDL	5.14	QE/R-50/42/3-H 100/I-E27-55/130	HQL 50	5.23
MES-150/42/1A-H 95/S-E27-54/138	HCI-E/P 150/942 NDL coated	5.13	QE/R-80/30/3-H 115/I-E27-70/156	HQL 80 SUPER DE LUXE	5.23
MES-250/52/1A-H 98/S-E40-90/226	HQI-E/P 250/D	5.14	QE/R-80/32/3-H 115/I-E27-70/156	HQL 80 DE LUXE	5.23
MES-400/45/1A-H 110/S-E40-120/290	HQI-E/P 400/D	5.14	QE/R-80/41/3-H 115/I-E27-70/156	HQL 80	5.23
MN-1000/42/1B-H 120/S-Cable lug-36/187	HQI-TS 1000/NDL/S	5.06	QE/R-125/30/3-H 125/I-E27-75/170	HQL 125 SUPER DE LUXE	5.23
MN-1000/59/1A-H 120/S-Cable lug-36/187	HQI-TS 1000/D/S	5.06	QE/R-125/32/3-H 125/I-E27-75/170	HQL 125 DE LUXE	5.23
MN-2000/42/2B-E 234/S-Cable lug-32/275	HQI-TS 2000/N/L	5.06	QE/R-125/40/3-H 125/I-E27-75/170	HQL 125	5.23
MN-2000/58/1A-E 205/S-Cable lug-36/187	HQI-TS 2000/D/S	5.06	QE/R-250/31/3-H 130/I-E40-90/226	HQL 250 DE LUXE	5.23
MR-150/42/1B-H 95/S-Plug-96/120	HQI-R 150/NDL/FO	5.17	QE/R-250/39/3-H 130/I-E40-90/226	HQL 250	5.23
MT-35/30/1A-H 90/S-G12-19/100	HCI-TC 35/942 NDL	5.07	QE/R-400/30/3-H 135/I-E40-120/290	HQL 400 DE LUXE	5.23
MT-35/30/1B-H 90/S-E27	HCI-PAR 20 35/830 WDL FL	5.16	QE/R-400/38/3-H 135/I-E40-120/290	HQL 400	5.23
MT-35/30/1B-H 90/S-E27-65/93	HCI-PAR 20 35/830 WDL SP	5.16	QE/R-700/35/3-H 140/I-E40-140/330	HQL 700	5.23
MT-35/30/1B-H 90/S-E27-97/93121	HCI-PAR 30 35/830 WDL FL	5.16	QE/R-1000/35/3-H 145/I-E40-165/390	HQL 1000	5.23
MT-35/30/1B-H 90/S-E27-97/93121	HCI-PAR 30 35/830 WDL SP	5.16	QG/R-50/29/3-H 95/I-E27-126/190	HQL B 50 SUPER DE LUXE	5.24
MT-35/30/1B-H 90/S-G12-19/100	HCI-T 35/830 WDL	5.08	QG/R-80/29/3-H 115/I-E27-126/190	HQL B 80 SUPER DE LUXE	5.24
MT-35/30/1B-H 90/S-G8.5-15/82	HCI-TC 35/830 WDL	5.07	QR/R-80/35/3-H 115/I-E27-125/168	HQL R 80 DE LUXE	5.24
MT-70/30/1A-H 90/S-G12-19/100	HCI-T 70/930 WDL	5.08	SD-70/20/4-H 85/S-RX7s-20/114.2/P 45	NAV-TS 70 SUPER 4Y	5.21
MT-70/30/1B-H 90/S-E27-30/150	HCI-TT 70/830 WDL	5.11	SD-150/20/4-H 100/S-RX7s24-23/132/P 45	NAV-TS 150 SUPER 4Y	5.21
MT-70/30/1B-H 90/S-E27-97/121	HCI-PAR 30 70/830 WDL FL	5.16	SD-250/20/4-H 100/S-Fc2-23/206/H 45	NAV-TS 250	5.21
MT-70/30/1B-H 90/S-E27-97/121	HCI-PAR 30 70/830 WDL SP	5.16	SD-400/20/4-H 105/S-Fc2-23/206/H 45	NAV-TS 400	5.21
MT-70/30/1B-H 90/S-G8.5-15/81	HCI-TC 70/930 WDL	5.07	SE-50/20/4-H 80/I-E27-70/156	NAV-E 50/I 4Y	5.18
MT-70/30/1B-H 90/S-G8.5-15/82	HCI-TC 70/830 WDL	5.07	SE-50/20/4-H 80/I-E27-70/156	NAV-E 50/I	5.19
MT-70/30/1B-H 90/S-G12-19/100	HCI-T 70/830 WDL	5.08	SE-50/20/4-H 90/E-E27-70/156	NAV-E 50 4Y	5.18
MT-70/30/1B-H 95/S-G12-25/84	HQI-T 70/WDL	5.09	SE-50/20/4-H 90/E-E27-70/156	NAV-E 50/E	5.19
MT-70/42/1A-H 90/S-G8.5-81/52	HCI-TC 70/942 NDL	5.07	SE-70/20/4-H 90/E-E27-70/156	NAV-E 70 4Y	5.18
MT-70/42/1A-H 90/S-G12-19/100	HCI-T 70/942 NDL	5.08	SE-70/20/4-H 90/E-E27-70/156	NAV-E 70/E	5.19
MT-70/42/1A-H 100/S-G12-19/105	HCI-T 150/942 NDL	5.08	SE-70/20/4-H 90/I-E27-70/156	NAV-E 70/I 4Y	5.18
MT-70/42/1B-H 95/S-G12-25/84	HQI-T 70/NDL	5.09	SE-70/20/4-H 90/I-E27-70/156	NAV-E 70/I	5.19
MT-150/30/1B-H 97/S-E40-46/204	HCI-TT 150/830 WDL	5.11	SE-100/20/4-H 100/S-E40-75/186	NAV-E 100 SUPER 4Y	5.18
MT-150/30/1B-H 100/S-G12-19/105	HCI-T 150/830 WDL	5.08	SE-150/20/4-H 100/S-E40-90/226	NAV-E 150 SUPER 4Y	5.18
MT-150/30/1B-H 100/S-G12-25/84	HQI-T 150/WDL	5.09	SE-150/20/4-H 100/S-E40-90/226	NAV-E 150 4Y	5.18
MT-150/42/1B-H 95/S-G12-25/84	HQI-T 150/NDL	5.09	SE-150/20/4-H 100/S-E40-90/226	NAV-E 150	5.19
MT-250/30/1B-H 110/S-E40-46/226	HCI-T 250/830 WDL	5.10	SE-250/20/4-H 100/S-E40-90/226	NAV-E 250 SUPER 4Y	5.18
MT-250/53/1A-H 100/S-E40-46/225	HQI-T 250/D	5.12	SE-250/20/4-H 100/S-E40-90/226	NAV-E 250 4Y	5.18
MT-400/37/2B-H 124/S-E40-46/285/H 45	HQI-T 400/N	5.12	SE-250/20/4-H 100/S-E40-90/226	NAV-E 250	5.19
MT-400/38/2B-H 120/S-E40-46/285/H 45	HQI-T 400/N	5.12	SE-400/20/4-H 105/S-E40-120/290	NAV-E 400 SUPER 4Y	5.18
MT-400/61/1A-H 122/S-E40-62/285	HQI-BT 400/D	5.12	SE-400/20/4-H 105/S-E40-120/290	NAV-E 400 4Y	5.18
MT-1000/60/1A-H 125/S-E40-76/340/H 60	HQI-T 1000/D	5.12	SE-400/20/4-H 105/S-E40-120/290	NAV-E 400	5.19
MT-2000/40/2B-E 220/E-E40-100/430/P 30	HQI-T 2000/N/SN/ SUPER	5.12	SE-1000/20/4-H 115/S-E40-165/400	NAV-E 1000	5.19
MT-2000/40/2B-E 220/S-E40-100/430	HQI-T 2000/N/E SUPER	5.12	SEQ-110/20/4-H 100/I-E27-75/170	NAV-E 110	5.19
MT-2000/40/2B-E 220/S-E40-100/430	HQI-T 2000/N	5.12	SEQ-210/20/4-H 104/I-E40-90/226	NAV-E 210	5.19
MT-2000/45/2B-E 230/S-E40-100/430/P 30	HQI-T 2000/N/230 V	5.12	SEQ-350/20/4-H 117/I-E40-120/290	NAV-E 350	5.19
MT-2000/60/1A-E 230/I-E40-100/430/H 60	HQI-T 2000/D	5.12	ST-50/20/4-H 90/S-E27-37/156	NAV-T 50 SUPER 4Y	5.20
MT-2000/60/1A-E 230/I-E40-100/430/H 60	HQI-T 2000/D/I	5.12	ST-70/20/4-H 85/E-E27-37/156	NAV-T 70 4Y	5.20

International lamp coding system ILCOS

ILCOS	Product reference	Page
ST-70/20/4-H 85/E-E27-37/156	NAV-T 70	5.20
ST-70/20/4-H 85/S-E27-37/156	NAV-T 70 SUPER 4Y	5.20
ST-100/20/4-H 100/S-E40-46/211	NAV-T 100 SUPER 4Y	5.20
ST-150/20/4-H 100/S-E40-46/211	NAV-T 150 SUPER 4Y	5.20
ST-150/20/4-H 100/S-E40-46/211	NAV-T 150 4Y	5.20
ST-150/20/4-H 100/S-E40-46/211	NAV-T 150	5.20
ST-250/20/4-H 100/S-E40-46/257	NAV-T 250 4Y	5.20
ST-250/20/4-H 100/S-E40-46/257	NAV-T 250	5.20
ST-250/20/4-H 100/S-E40-46/257	NAV-T 250 SUPER 4Y	5.20
ST-400/20/4-H 100/S-E40-46/285	PLANTASTAR 400	5.20
ST-400/20/4-H 105/S-E40-46/285	NAV-T 400 SUPER 4Y	5.20
ST-400/20/4-H 105/S-E40-46/285	NAV-T 400 4Y	5.20
ST-400/20/4-H 105/S-E40-46/285	NAV-T 400	5.20
ST-600/20/4-H 110/S-E40-46/285	PLANTASTAR 600	5.20
ST-600/20/4-H 112/S-E40-46/285	NAV-T 600 SUPER 4Y	5.20
ST-1000/20/4-H 115/S-E40-65/400	NAV-T 1000	5.20

Disposing of your lamps

Qualified, certified, recognised.

**For more information go to
www.zvei.org/lampen/aglv.htm**



In future, manufacturers of lamps will have to meet new requirements relating waste disposal and recycling.

From August 13, 2005 the requirements of the "WEEE" directive (Waste Electrical and Electronic Equipment) will have to be met in the EU.

The purpose of the directive is to protect the environment by avoiding waste, recycling and/or recovering. The direct addressees are the member states of the EU, who have to incorporate the requirements into national law. Producers are responsible for financing the recovery and disposal of the equipment. Importers are considered equivalent to producers.

The directive affects 10 equipment categories, including lamps, luminaires and control gear in Category 5.

From August 13, 2005, producers/importers must finance the collection and disposal of old equipment presented at the collection points.

Together with the European lamp manufacturers in the ELC, OSRAM has developed a model for disposing of lamps realistically and efficiently. The main differences compared with the provisions of the WEEE directive and other equipment are given below: The WEEE directive makes a distinction between products from "private households" and products of "users other than private households". This distinction may be significant for most of the electrical and electronic equipment but there is no difference for the lamps affected by the WEEE.

In the EU as a whole, around 600 million discharge lamps are purchased every year. No other product listed in the WEEE directive is bought in such numbers. The lighting element of the product makes up less than 1% of the weight but 80% of the volume of waste within the waste flow. 5000 discharge lamps weight approximately 1 tonne. Compared with electrical household appliances, about 250 times the number of units must be collected for the same weight.

Lamps are fragile and contain mercury so they have to be disposed of carefully. This means that these products have to be collected and transported under different conditions from other electrical and electronic equipment.

The average life of a discharge lamp is six years. Consequently, the date of August 13, 2005 is irrelevant as a criterion for distinguishing between "historical" and "new" equipment – most of the discharge lamps collected by 2011 will fall under "historical waste products" because of their long lives.

The net cost of recycling discharge lamps is estimated to be about 60% of the current product price (up to 80% in the case of some types). Most discharge lamps are consumables that are purchased for between 1 and 5 euros. The recycling costs per lamp are therefore well above the level for comparable electrical and electronic equipment. Since incandescent lamps do not fall under the WEEE directive and therefore do not have to be recycled, the fear is that consumers will turn back to cheaper but less energy-efficient lamps.

Answers to questions relating to your particular country can be found on the relevant internet pages for the WEEE.



General information

Standard packs

General information

All OSRAM products are EAN coded on their packaging. Unless stated otherwise, the EAN codes listed in this catalogue relate to the smallest packaging unit.

The technical data is in accordance with DIN (German Industrial Standards) and IEC (International Electrotechnical Commission).

International Lamp Coding System ILCOS.
In future editions of this Indoor and Outdoor Lighting catalogue, ILCOS codes will gradually be incorporated in addition to existing OSRAM references. This will enable lamp types to be specified without having to use a particular manufacturer's reference.

Unless otherwise indicated, all lamps are designed for a mains voltage of 230 V or 240 V.

The lamp references are identical to the information on the diskettes provided to you for data input into your DP system.

Types not listed:

Available on request. Surcharge for different bases and voltages.

There is a surcharge on order quantities different from the standard pack quantities listed in this catalogue because standard packs have to be broken open.

A handling charge of EUR 10.00 will be made for orders below the value of EUR 500.00 to cover low-volume costs.

Sales and shipments are based on the OSRAM Conditions of Supply and Payment valid on the contract date.

Technical data and dimensions are subject to the customary small tolerances.

Subject to technical modification and availability of supplies. The information in this catalogue supersedes information in previous catalogues.

® = Registered trademark

Standard packs

There are considerable advantages in ordering original cartons/standard packs:

- prompt delivery
- no surcharges
- simple cost-saving warehouse handling
- no time consuming checks when the goods arrive
- exact contents description on each stacked carton
- no danger of mistaking one type of lamp for another
- reduced risk of losses in transit
- reduced risk of breakage



CE Labelling for luminaires, lamps and accessories

Since January 1st 1996, products that fall under the scope of the EC guidelines for electromagnetic compatibility (EMC Guidelines) must carry the CE label. The CE label indicates compliance with the principal requirements of these guidelines. From January 1st 1997, the same will apply to products that come under the low voltage guidelines. Of course, all our products meet the requirements of the relevant EC guidelines and therefore carry the CE label.

Notes on CE labelling:

1. CE labelling as a requirement for marketing products

From January 1st 1996, manufacturers and importers are obliged and are responsible for marking products subject to the EMC regulations with the CE label either directly on the product or on its packaging or on accompanying documentation. The CE label is a requirement for sales within the EU and must therefore be applied before a product can be marketed. By applying the CE label to their products, manufacturers and importers are confirming that their products comply

with the “basic requirements” of special European guidelines and that they meet the stated objectives of the guidelines (electromagnetic compatibility, for example).

As a rule, these “basic requirements” are met if the products were manufactured in compliance with the relevant harmonised European standards.

2. The CE label is an administrative mark

The CE label is an administrative mark addressed to the national inspection agencies. The CE label indicates to these agencies that

the labelled product complies with European law at the time of its marketing.

3. Neither retailers nor consumers have the right to inspect the conformity certificates of the manufacturers

The right to request and inspect conformity certificates is reserved exclusively for those market inspection agencies responsible for checking that electrical/electronic products comply with statutory safety requirements.

4. The CE label is not a seal of quality or an approval mark

CE labelling relates solely to compliance with the statutory “basic requirements” contained in certain guidelines. In no way therefore is it an indicator of the quality of the product. As an administrative label required by law and of no value to consumers or users, the CE label should not be confused with the approval marks (such as ENEC and BEAB marks) issued by independent inspectorates. These inspectorates do not even check whether or not a product carries the CE label legitimately.



Member of the
Fördergemeinschaft Gutes Licht (Good Light Association)



Registered trademarks¹⁾

ACCUTRONIC	FLORASET	INSECTA	OSRAM SOFTLITE
AQUALED	FLUORA	LEDtag	OUT KIT
AS	FM	LIGHT@DAY	PICOLINE
BELLALUX	FQ	LINESTRA	PLANON
BELLALUX SOFT	GIGANT	LINEX	PLANTALUX
BILUX	HALOLINE	LiteGen	PLANTASTAR
BILUX ALLSEASON	HALOLUX	LITEPACK	POWERBALL
BILUX-AS	HALOLUX CERAM	LUMILINE	POWERSTAR
BILUX AS HALOROAD	HALOMAX	LUMILUX	POWERSTAR HCI
BILUX HALOROAD	HALONEA	LUMILUX BRIK	POWERSTAR HQI
BIOLUX	HALONESTRA	LUMILUX DUO	POWERTRONIC
CENTRA	HALOPIN	LUMILUX ECOLINE	QUICKTRONIC
CIRCOLUX	HALOROAD	LUMILUX FLATLITE	SharXS
CityLight	HALOSPOT	LUMILUX INTERNA	SICCATHERM
COINLIGHT	HALOSTAR	LUMILUX SPLIT	SIDELED
CONCENTRA	HALOSTAR STARLITE	LUMINESTRA	SIG
COOL BLUE	HALOTRONIC	LUMISTAR	SILVERSTAR
COPILOT	HALOTRONIC MOUSE	LUMISTICK	SIRIUS
DECOSTAR	HBO	LUNETTA	SLIMLITE
DEOS	HCI	MARKERlight	SUPERLUX
DIADEM	HLX	MINISTAR	THERATHERM
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DULUX BRIK	HMP	MINIXEN	ULTRA-VITALUX
DULUX COMPACTLINE	HNS	NAV	ULTRAMED
DULUX SENSOR	HPL	OPTOTRONIC	VIALOX
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EVERSUN	HQV	OSRAM ECOPACK	XBO
FC	HSD	OSRAM HALOPAR	XENAELECTRON
FH	HSR	OSRAM HALOROAD	XENARC
FLATLITE	HTI	OSRAM-LONGLIFE	
FLORALUX	HTM MOUSE	OSRAM LUMINESCENT	
FLORA-P	HWL	OSRAM POWERSTAR	

1) Included in INDOOR AND OUTDOOR LIGHTING 2005/2006.



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
Symbols in the tables

General lighting service lamps


 Type


Tungsten-halogen lamps


 Light centre length in mm

 Fuse, quick-acting

Compact fluorescent lamps

 Length to IEC I₁ (mm)

 Max. length to IEC I (mm)

 rms current in mA

 Supply voltage in V/Hz

Fluorescent lamps


 Diameter d₁ in mm

 Max. diameter d₂ in mm

 Max. diameter d₃ in mm

 Length l₃ in mm

 Palette unit/pcs.

 Luminous flux with ECG in lumen

 Luminous flux with CCG in lumen

 Rated luminous flux at 25°C in lumen

 Luminance in candelas per square meter

Discharge lamps

 Spacing a in mm, LCL


 Aperture luminous flux b in lm


Special lamps

 Bulb crown

 Lamp current in amps

 Lamp voltage in volts

 UVA emittance
315-400 nm in W

 UVB emittance
280-315 nm in W

 UVC emittance
100-280 nm in W

Display and signal lamps and lamps for traffic light installations

 Spacing f₁ in mm

 Window f max. in mm

 Rated current in milliamperes


 Test voltage

 Normal/service pack/pcs.

LED modules

 LED type

 No. of LEDs per module

 Length x width x height in mm


 Illuminated surface a x b in mm


 Luminous intensity in reference axis cd


 Wavelength

Electronic control gear

 Control

 Battery current in amps


 Operating frequency Hz

 Lamp wattage in watts


 Power factor

 System luminous efficacy

 Hole spacing a in mm


 Hole spacing a₁ in mm

 Hole spacing b₁ in mm

 Maximum cable length, lamp system

 Part-load range


 Secondary voltage

 Module wattage in watts

 Power loss

 Permissible battery voltage

 Approval marks

 Type of dimming















































 Number of control inputs

 Number of outputs

Energy labelling of household lamps

 Energy efficiency

Symbols used in all chapters

	Rated wattage in W		Spacing a in mm		Colour temperature K
	Rated current in amps		Width b in mm		Type of current
	Voltage in V		Height h in mm		Dimming range
	Luminous flux in lumen		Length l in mm		System wattage at 230V/240V
	Luminous intensity cd		Max. length l in mm		System wattage, ECG/CCG
	Mains frequency Hz		Length l ₁ in mm		Permissible operating voltage, sinusoidal
	Temperature range		Max. length l ₁ in mm		Ignition voltage in kV
	Bases		Length l ₂ in mm		Operating frequency kHz
	Fig. no.		Max. length l ₂ in mm		Focal length a in mm
	Shape/model		Overall length in mm		Electrode spacing a in mm
	Weight		Diameter d in mm		Power W/A
			Max. diameter d in mm		Filament dimensions w x h in mm
			Max. diameter d ₁ in mm		
			Tube diameter d in mm		
			Burning position		
			Beam angle in degrees		
			Colour		
			Colour rendering group		
			Light colour		
			Average life		
			Normal pack/pcs.		
			Standard pack/pcs.		
			for lamp		

