

















LAMPS

















The following list is a complete summary of the lamps used in our range of products. The technical data can vary somewhat according to the manufacturer (lighting current, radiation angle)

description	symbol	order code RUCO LICHT	light colour	beaming- angel (degree)	power (Watt)	output- voltage (V)	luminosity (lm)	max light- strength (candela)	dimmensions (mm)	holder type conv.
OSRAM ceramic lamp socket GU 6,5 (12)		HCI-TF-20-WDL	warm white		20	230	1700		D13 L57	GU 6,5
		HCI-TF-35-WDL	warm white		39	230	3400		D13 L57	GU 6,5
OSRAM ceramic lamp socket G8,5 (12)		HCI-TC-20-WDL	warm white		20	230	1700		D15 L81	G8,5
		HCI-TC-35-WDL	warm white		38	230	3500		D15 L81	G8,5
		HCI-TC-35-NDL	neutral white		39	230	3400		D15 L81	G8,5
		HCI-TC-70-WDL	warm white		72	230	6900		D15 L81	G8,5
		HCI-TC-70-NDL	neutral white		74	230	6600		D15 L81	G8,5
Philips ceramic lamp socket G8,5 (12)		CDM-TC-35-WDL	warm white		39	230	3300		D15 L85	G8,5
		CDM-TC-35-NDL	neutral white		39	230	3300		D15 L85	G8,5
		CDM-TC-70-WDL	warm white		72	230	6500		D15 L85	G8,5
		CDM-TC-70-NDL	neutral white		72	230	5900		D15 L85	G8,5
OSRAM Shoplight socket G8,5 (12)		CDS-TC-35-WDL	warm white		38	230	2800		D15 L81	G8,5
		CDS-TC-70-WDL	warm white		73	230	6300		D15 L81	G8,5
Philips Elite socket G8,5 (12)		CDE-TC-35-WDL	warm white		39	230	3500		D15 L85	G8,5
		CDE-TC-50-WDL	warm white		50	230	5400		D15 L85	G8,5
		CDE-TC-70-WDL	warm white		72	230	7300		D15 L85	G8,5
OSRAM ceramic lamp socket G12 (12)		HCI-T-35-WDL	warm white		37	230	3600		D19 L100	G12
		HCI-T-35-NDL	neutral white		37	230	3500		D19 L100	G12
		HCI-T-70-WDL	warm white		72	230	7300		D19 L100	G12
		HCI-T-70-NDL	neutral white		72	230	6800		D19 L100	G12
		HCI-T-100-WDL	warm white		96	230	9500		D19 L105	G12
		HCI-T-100-NDL	neutral white		96	230	9300		D19 L105	G12
		HCI-T-150-WDL	warm white		142	230	15000		D25 L105	G12
		HCI-T-150-NDL	neutral white		146	230	14500		D25 L105	G12
		Philips ceramic lamp socket G12 (12)		CDM-T-35-WDL	warm white		39	230	3300	
CDM-T-35-NDL	neutral white				39	230	3300		D20 L103	G12
CDM-T-70-WDL	warm white				72	230	6600		D20 L103	G12
CDM-T-70-NDL	neutral white				72	230	6600		D20 L103	G12
CDM-T-150-WDL	warm white				147	230	14000		D20 L110	G12
CDM-T-150-NDL	neutral white				147	230	12700		D20 L110	G12
OSRAM Shoplight socket G12 (12)		CDS-T-35-WDL	warm white		39	230	2800		D15 L81	G12
		CDS-T-70-WDL	warm white		73	230	6300		D15 L81	G12
Philips Elite socket 12 (12)		CDE-T-35-WDL	warm white		35	230	4000		D20 L103	G12
		CDE-T-50-WDL	warm white		50	230	5400		D20 L103	G12
		CDE-T-70-WDL	warm white		70	230	7800		D20 L103	G12
		CDE-T-100-WDL	warm white		100	230	11000		D20 L103	G12
		CDE-T-150-WDL	warm white		150	230	15000		D20 L103	G12
OSRAM ceramic lamp socket RX7s (12)		HCI-TS-70-WDL	warm white		72	230	6800		D20 L120	RX7s
		HCI-TS-70-NDL	neutral white		74	230	6500		D20 L120	RX7s
		HCI-TS-150-WDL	warm white		144	230	14500		D23 L138	RX7s
		HCI-TS-150-NDL	neutral white		138	230	14400		D23 L138	RX7s
Philips ceramic lamp socket RX7s (12)		CDM-DE-70-WDL	warm white		72	230	6500		D21 L120	RX7s
		CDM-DE-70-NDL	neutral white		72	230	5700		D21 L120	RX7s
		CDM-DE-150-WDL	warm white		147	230	13500		D24 L138	RX7s
		CDM-DE-150-NDL	neutral white		147	230	13400		D24 L138	RX7s
metal vapour- halogen (12)		CDM-R 35/09	warm white	9°	38	230		46000	D97 L125	E27
		CDM-R 35/40	warm white	40°	38	230		8500	D97 L125	E27
		CDM-R 70/09	warm white	9°	73	230		70000	D97 L125	E27
		CDM-R 70/40	warm white	40°	73	230		9000	D97 L125	E27
metal vapour- halogen (20)		HIT-E 250/D	Daylight		250	230	19000		D90 L226	E40
		HIT-E 400/D	Daylight		460	230	30000		D120 L290	E40
		HIT-E 400/N	neutral white		460	230	43000 (1)		D120 L290	E40
		CDM-E 250	warm white		250	230	24500		D90 L226	E40
SDW-TG mini (12)		SDW-TG 50	2500 K		54	230	2400		D20 L103	GX12-1
		SDW-TG 100	2500 K		99	230	4900		D20 L110	GX12-1
low voltage- halogen lamp freely beaming (40)		QT 9 5			5	12	60		D9,5 L33	G4
		QT 9 10			10	12	130		D9,5 L33	G4
		QT 9 20			20	12	320		D9,5 L33	G4
		QT 12 20			20	12	320		D12 L44	GY6,35
		QT 12 35			35	12	600		D12 L44	GY6,35
		QT 12 50			50	12	910		D12 L44	GY6,35
		QT 12 75			75	12	1450		D12 L44	GY6,35
QT 12 90			90	12	1800		D12 L44	GY6,35		

(1) only with NAV control gear



status 05.09.2011

description	symbol	order code RUCO LICHT	light colour	beaming- angel (degree)	power (Watt)	output- voltage (V)	luminosity (lm)	max light- strength (candela)	dimmensions (mm)	holder type conv.
low voltage- halogenlamp cold light reflector infra-red coated (20)		QR-IRC 51 20/10		10°	20	12		6000	D51 L45	GU 5,3
		QR-IRC 51 20/24		24°	20	12		2300	D51 L45	GU 5,3
		QR-IRC 51 20/38		38°	20	12		1000	D51 L45	GU 5,3
		QR-IRC 51 20/60		60°	20	12		450	D51 L45	GU 5,3
		QR-IRC 51 35/10		10°	35	12		12500	D51 L45	GU 5,3
		QR-IRC 51 35/24		24°	35	12		4400	D51 L45	GU 5,3
		QR-IRC 51 35/38		38°	35	12		2200	D51 L45	GU 5,3
		QR-IRC 51 35/60		60°	35	12		1100	D51 L45	GU 5,3
		QR-IRC 51 50/10		10°	50	12		15000	D51 L45	GU 5,3
		QR-IRC 51 50/24		24°	50	12		5700	D51 L45	GU 5,3
		QR-IRC 51 50/38		38°	50	12		2850	D51 L45	GU 5,3
		QR-IRC 51 50/60		60°	50	12		1430	D51 L45	GU 5,3
low voltage- halogenlamp with aluminiumreflector infra-red coated (6)		QR-111 35/08		8°	35	12		20000	D111 L58	G53
		QR-111 35/24		24°	35	12		4000	D111 L58	G53
		QR-111 50/08		8°	50	12		30000	D111 L58	G53
		QR-111 50/24		24°	50	12		5300	D111 L58	G53
high voltage lamp free beaming bulb clear: K mattiert: M (20)		QH9 25 (+ Oberfläche)			25	230	260		D14 L51	G9
		QH9 40 (+ Oberfläche)			40	230	490		D14 L51	G9
		QH9 60 (+ Oberfläche)			60	230	820		D14 L54	G9
		QH9 75 (+ Oberfläche)			75	230	1100		D14 L54	G9
hight voltage halogen lamp bulb clear (12)		QT 15 60			60	230	820		D18 L86	B15d
		QT 15 75			75	230	1100		D18 L86	B15d
		QT 15 100			100	230	1500		D18 L86	B15d
		QT 15 150			150	230	2500		D18 L98	B15d
		QT 15 250			250	230	4350		D18 L98	B15d
hight voltage halogen lamp bulb clear (15)		QT 32 60			60	230	820		D32 L105	E27
		QT 32 75			75	230	1100		D32 L105	E27
		QT 32 100			100	230	1500		D32 L105	E27
		QT 32 150			150	230	2500		D32 L105	E27
		QT 32 250			250	230	4350		D32 L105	E27
hight voltage halogen lamp (15)		PAR 63 50/52		25°	50	230	1500		D64 H64	GU10
		PAR 63 75/52		25°	75	230	1000		D64 H64	GU10
compact neon lamp (10)		TC-D 10/.../4pin	827/830/840		10	230	600		L95	G24-q1
		TC-D 13/.../4pin	827/830/840		13	230	900		L130	G24-q1
		TC-D 18/.../4pin	827/830/840		18	230	1200		L140	G24-q2
		TC-D 26/.../4pin	827/830/840		26	230	1800		L160	G24-q3
compact neon lamp (10)		TC-T 13/.../4pin	827/830/840		13	230	900		L90	G24-q1
		TC-T 18/.../4pin	827/830/840		18	230	1200		L110	G24-q2
		TC-T 26/.../4pin	827/830/840		26	230	1800		L130	G24-q3
		TC-T 32/.../4pin	827/830/840		32	230	2400		L145	G24-q3
		TC-T 42/.../4pin	827/830/840		42	230	3200		L155	G24-q4
		TC-T 57/.../4pin	827/830/840		57	230	4300		L181	G24-q5
compact neon lamp (10)		TC-L 18/ ...	827/830/840		18	230	1200		L225	2G11
		TC-L 24/...	827/830/840		24	230	1800		L320	2G11
		TC-L 36/ ...	827/830/840		36	230	2900		L415	2G11
		TC-L 40/ ...	827/830/840		40	230	3500		L535	2G11
		TC-L 55/ ...	827/830/840		55	230	4800		L535	2G11
		TC-L 80/ ...	830/840		80	230	6000		L535	2G11
compact neon lamp		TC-EL/G 20/...	827		20	230	1150		L190	E27
compact neon lamp		TC-EL 15/...	827		15	230	900		L128	E27
		TC-EL 20/...	827		20	230	1230		L145	E27
		TC-EL 23/...	827		23	230	1500		L173	E27
		TC-EL 30/...	827		30	230	1900		L180	E27
neon lamp T5 technology high efficiency (40)		FH 14/ ...	827/830/840		14	230	1200 (2)		D16 L549	G5
		FH 14/	Rot/Grün/Blau		14	230			D16 L549	G5
		FH 21/ ...	827/830/840		21	230	1900 (2)		D16 L849	G5
		FH 21/	Rot/Grün/Blau		21	230			D16 L849	G5
		FH 28/ ...	827/830/840		28	230	2600 (2)		D16 L1149	G5
		FH 28/	Rot/Grün/Blau		28	230			D16 L1149	G5
		FH 35/ ...	827/830/840		35	230	3300 (2)		D16 L1449	G5
FH 35/	Rot/Grün/Blau		35	230			D16 L1449	G5		
neon lamp T5 technology high output (40)		FQ 24/...	827/830/840		24	230	1750 (2)		D16 L549	G5
		FQ 39/...	827/830/840		39	230	3100 (2)		D16 L849	G5
		FQ54/...	827/830/840		54	230	4450 (2)		D16 L1149	G5
		FQ49/...	827/830/840		49	230	4300 (2)		D16 L1449	G5
		FQ80/...	827/830/840		80	230	6150 (2)		D16 L1449	G5
neon lamp T5 technology high output seamless (40)		FQS 24/ ...	830/840/865		24	230	1750/1750/1650		D16 L580	G5
		FQS 39/ ...	830/840/865		39	230	3100/3100/2900		D16 L880	G5
		FQS 54/ ...	830/840/865		54	230	4450/4450/4050		D16 L1180	G5
neon lamp T5 technology (40)		FC 22/ ...	827/830/840		22	230	1800		D16/225	2GX13
		FC 40/ ...	827/830/840		40	230	3200		D16/300	2GX13
		FC 55/ ...	827/830/840		55	230	4200		D16/300	2GX13
neon lamp T2 technology (20)		FM 06/...	730/740		6	230	330		D7 L218,5	W4,3
		FM 06/...	760		6	230	310		D7 L218,5	W4,3
		FM 08/...	730/740		8	230	540		D7 L320	W4,3
		FM 08/...	760		8	230	500		D7 L320	W4,3
		FM 11/...	730/740		11	230	750		D7 L421,6	W4,3
		FM 11/...	760		11	230	680		D7 L421,6	W4,3
		FM 13/...	730/740		13	230	930		D7 L523	W4,3
		FM 13/...	760		13	230	860		D7 L523	W4,3

(2) measured at 25°C luminaire ambient temperature