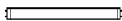
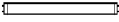



Vorschaltgeräte für Leuchtstofflampen / Ballasts for fluorescent lamps


V67


Datum / Date : 05.05.2017


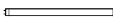


Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe		
T8-Lamp Ø 26mm 	FD-E	16 / 720	G13						22185147 22185148	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp		x x			
		18 / 590	G13	22185239	PCA 1x18 T8 EXCEL one4all lp xitec II	ENEC			22185213	PC 1x18 T8 PRO lp	ENEC				
				22185240	PCA 1x18 T8 ECO lp xitec II	ENEC			22185216	PC 2x18 T8 PRO lp	ENEC				
				22185241	PCA 1x18 T8 BASIC lp xitec II	ENEC			22185219	PC 3/4x18 T8 PRO lp	ENEC				
				22185242	PCA 2x18 T8 EXCEL one4all lp xitec II	ENEC			22176000	PC 1x18-24W BASIC sl	VDE				
				22185243	PCA 2x18 T8 ECO lp xitec II	ENEC			22185222	PC 1x18 T8 TOP sl	ENEC				
				22185244	PCA 2x18 T8 BASIC lp xitec II	ENEC			22185225	PC 2x18 T8 TOP sl	ENEC				
				22185247	PCA 3x18 T8 EXCEL one4all lp xitec	ENEC			22185228	PC 3/4x18 T8 TOP lp	ENEC				
				22185245	PCA 3x18 T8 ECO lp xitec	ENEC			22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC				
				22185250	PCA 4x18 T8 EXCEL one4all lp xitec	ENEC			22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC				
				22185248	PCA 4x18 T8 ECO lp xitec	ENEC			87500113	PC 1x18 T8 TEC		x			
				28000309	PCA 3x18 T8 EXCITE lp xitec	ENEC			87500114	PC 2x18 T8 TEC		x			
				28000310	PCA 4x18 T8 EXCITE lp xitec	ENEC			87500115	PC 1x36 T8 TEC					33) see comment
									87500116	PC 2x36 T8 TEC					34) see comment
									87500257	PC 4x18 T8 TEC			x		
				18 / 590 True-Light	G13					22185213	PC 1x18 T8 PRO lp	ENEC			
										22185216	PC 2x18 T8 PRO lp	ENEC			
										22185219	PC 3/4x18 T8 PRO lp	ENEC			
										22176000	PC 1x18-24W BASIC sl	VDE			
										22185222	PC 1x18 T8 TOP sl	ENEC			
										22185225	PC 2x18 T8 TOP sl	ENEC			
										22185228	PC 3/4x18 T8 TOP lp	ENEC			
										22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC			
										22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC			
										87500113	PC 1x18 T8 TEC		x		
										87500114	PC 2x18 T8 TEC		x		
										87500115	PC 1x36 T8 TEC				33) see comment
										87500116	PC 2x36 T8 TEC				34) see comment
										87500257	PC 4x18 T8 TEC		x		
				25 / 750	G13					22176068	PC 1/18/24 TCL PRO			x	
				30 / 895	G13					22176077	PC 1/30 T8 PRO	ENEC			
										22176078	PC 2/30 T8 PRO	ENEC			
										22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC			
				36 / 970	G13					22176141	PC 1/36 TCL PRO			x	
										22185218	PC 2x58 T8 PRO sl			x	
										22176170	PC 2/36 TCL PRO				20) see comment
				36 / 1200	G13	28000034	PCA 1x36 T8 EXCEL one4all lp xitec II	ENEC		22185214	PC 1x36 T8 PRO lp	ENEC			
						28000035	PCA 1x36 T8 ECO lp xitec II	ENEC		22185217	PC 2x36 T8 PRO sl	ENEC			
						28000042	PCA 1x36 T8 BASIC lp xitec II	ENEC		22176231	PC 3/36 T8 PRO	ENEC			
						28000038	PCA 2x36 T8 EXCEL one4all lp xitec II	ENEC		89800452	PC 1/36 T8 INDUSTRY	ENEC			
				28000039	PCA 2x36 T8 ECO lp xitec II	ENEC		89800453	PC 2/36 T8 INDUSTRY	ENEC					
				28000044	PCA 2x36 T8 BASIC lp xitec II	ENEC		22185223	PC 1x36 T8 TOP sl	ENEC					
								22185226	PC 2x36 T8 TOP sl	ENEC					
								22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC					
								22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC					
								89800008	PC 1/36 T8 PRO sc	ENEC					
								87500115	PC 1x36 T8 TEC		x				
								87500116	PC 2x36 T8 TEC		x				


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T8-Lamp Ø 26mm 	FD-E	36 / 1200 True-Light	G13						22185214	PC 1x36 T8 PRO lp	ENEC		
									22185217	PC 2x36 T8 PRO sl	ENEC		
									22176231	PC 3/36 T8 PRO	ENEC		
									89800452	PC 1/36 T8 INDUSTRY	ENEC		
									89800453	PC 2/36 T8 INDUSTRY	ENEC		
									22185223	PC 1x36 T8 TOP sl	ENEC		
									22185226	PC 2x36 T8 TOP sl	ENEC		
									22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC		
									22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC		
		89800008	PC 1/36 T8 PRO sc	ENEC	x								
		87500115	PC 1x36 T8 TEC		x								
		87500116	PC 2x36 T8 TEC										
		22185214	PC 1x36 T8 PRO lp		x								
		22185217	PC 2x36 T8 PRO sl		x								
		89800452	PC 1/36 T8 INDUSTRY										
		89800453	PC 2/36 T8 INDUSTRY										
		22176141	PC 1/36 TCL PRO		ENEC								
		22176170	PC 2/36 TCL PRO		ENEC								
		22185215	PC 1x58 T8 PRO lp		ENEC								
		22185218	PC 2x58 T8 PRO sl		ENEC								
		89800454	PC 1/58 T8 INDUSTRY		ENEC								
		89800455	PC 2/58 T8 INDUSTRY		ENEC								
		22185224	PC 1x58 T8 TOP sl		ENEC								
		22185227	PC 2x58 T8 TOP sl		ENEC								
		22176183	PC 1/14-35/49/54 T5 PRO-M lp		ENEC								
		22176186	PC 2/14-35/49/54 T5 PRO-M lp		ENEC								
		89800009	PC 1/58 T8 PRO sc		ENEC								
87500150	PC 1x58 T8 TEC		x										
87500151	PC 2x58 T8 TEC		x										
22185215	PC 1x58 T8 PRO lp		ENEC										
22185218	PC 2x58 T8 PRO sl		ENEC										
89800454	PC 1/58 T8 INDUSTRY		ENEC										
89800455	PC 2/58 T8 INDUSTRY		ENEC										
22185224	PC 1x58 T8 TOP sl		ENEC										
22185227	PC 2x58 T8 TOP sl		ENEC										
22176183	PC 1/14-35/49/54 T5 PRO-M lp		ENEC										
22176186	PC 2/14-35/49/54 T5 PRO-M lp		ENEC										
89800009	PC 1/58 T8 PRO sc		ENEC										
87500150	PC 1x58 T8 TEC		x										
87500151	PC 2x58 T8 TEC		x										
87500513	PC 1/70 T8 PRO		ENEC										
87500523	PC 2/70 T8 PRO		ENEC										
		37 / 1200 NEC	G13										
		38 / 1047	G13										11) see comment 11) see comment
		58 / 1500	G13	28000036 28000037 28000043 28000040 28000041 28000045	PCA 1x58 T8 EXCEL one4all lp xitec II PCA 1x58 T8 ECO lp xitec II PCA 1x58 T8 BASIC lp xitec II PCA 2x58 T8 EXCEL one4all lp xitec II PCA 2x58 T8 ECO lp xitec II PCA 2x58 T8 BASIC lp xitec II	ENEC ENEC ENEC ENEC ENEC ENEC			22185215 22185218 89800454 89800455 22185224 22185227 22176183 22176186 89800009 87500150 87500151	PC 1x58 T8 PRO lp PC 2x58 T8 PRO sl PC 1/58 T8 INDUSTRY PC 2/58 T8 INDUSTRY PC 1x58 T8 TOP sl PC 2x58 T8 TOP sl PC 1/14-35/49/54 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp PC 1/58 T8 PRO sc PC 1x58 T8 TEC PC 2x58 T8 TEC	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC	x x	
		58 / 1500 True-Light	G13						22185215 22185218 89800454 89800455 22185224 22185227 22176183 22176186 89800009 87500150 87500151	PC 1x58 T8 PRO lp PC 2x58 T8 PRO sl PC 1/58 T8 INDUSTRY PC 2/58 T8 INDUSTRY PC 1x58 T8 TOP sl PC 2x58 T8 TOP sl PC 1/14-35/49/54 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp PC 1/58 T8 PRO sc PC 1x58 T8 TEC PC 2x58 T8 TEC	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC	x x	
		70 / 1800	G13						87500513 87500523	PC 1/70 T8 PRO PC 2/70 T8 PRO	ENEC ENEC		


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T5-Lamp Ø 16 mm 	FD-E	4 / 136	G5						24138831 24138834	PC 1x4-13W BASIC PC 1x4-13W BASIC sl	VDE VDE						
		6 / 212	G5						24138831 24138834	PC 1x4-13W BASIC PC 1x4-13W BASIC sl	VDE VDE						
		8 / 288	G5						24138831 24138834 22176026 22176405	PC 1x4-13W BASIC PC 1x4-13W BASIC sl PC 1x8W BASIC sl PC 1/2x9-13 TC PRO	VDE VDE ENEC	x					
	FDH	14 / 549	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II	ENEC			22185147	PC 1x14-35 T5 PRO lp	ENEC						
				22185094	PCA 1x14/24 T5 ECO lp xitec II	ENEC			22185148	PC 2x14-35 T5 PRO lp	ENEC						
				22185076	PCA 1x14 T5 BASIC lp xitec II	ENEC			22185157	PC 1x14-35 T5 TOP lp	ENEC				35) see comment		
				22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II	ENEC			22185158	PC 2x14-28 T5 TOP lp	ENEC				35) see comment		
				22185095	PCA 2x14/24 T5 ECO lp xitec II	ENEC			22185211	PC 3/4x14 T5 PRO lp	ENEC						
				22185077	PCA 2x14 T5 BASIC lp xitec II	ENEC			22185220	PC 3/4x14 T5 TOP lp	ENEC						
				22176209	PCA 3x14/24 T5 EXCEL one4all lp xitec	ENEC			22176001	PC 1x14-21W BASIC sl	VDE						
				22176210	PCA 4x14/24 T5 EXCEL one4all lp xitec	ENEC			22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC						
				22176211	PCA 3x14/24 T5 ECO lp xitec	ENEC			22176183	PC 1/14-35/49/54 T5 PRO-M lp	ENEC						
				22176212	PCA 4x14/24 T5 ECO lp xitec	ENEC			22176184	PC 1/14-35/49/80 T5 PRO-M lp	ENEC						
				28000307	PCA 3x14/24 T5 EXCITE lp xitec	ENEC			22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC						
				28000308	PCA 4x14/24 T5 EXCITE lp xitec	ENEC			22176186	PC 2/14-35/49/54 T5 PRO-M lp	ENEC						
												87500211	PC 1x14 T5 TEC lp		x		
												87500212	PC 2x14 T5 TEC lp		x		
												87500213	PC 3x14 T5 TEC lp		x		
												87500214	PC 4x14 T5 TEC lp		x		
												22176185	PC 2/14-21/24/39 T5 PRO-M lp				22) see comment
									22176186	PC 2/14-35/49/54 T5 PRO-M lp		x					
									22185148	PC 2x14-35 T5 PRO lp		x					
									22176186	PC 2/14-35/49/54 T5 PRO-M lp		x					
								22176186	PC 2/14-35/49/54 T5 PRO-M lp		x						
								22185147	PC 1x14-35 T5 PRO lp	ENEC							
								22185148	PC 2x14-35 T5 PRO lp	ENEC							
								22185157	PC 1x14-35 T5 TOP lp	ENEC			35) see comment				
								22185158	PC 2x14-28 T5 TOP lp	ENEC			35) see comment				
								87500217	PC 1x21 T5 TEC lp		x						

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T5-Lamp Ø 16 mm 									22176001 22176182 22176183 22176184 22176185 22176186	PC 1x14-21W BASIC sl PC 1/14-35/24/39 T5 PRO-M lp PC 1/14-35/49/54 T5 PRO-M lp PC 1/14-35/49/80 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp	VDE ENEC ENEC ENEC ENEC ENEC			
		21 / 849 + 28 / 1149	G5						22185148 22176186	PC 2x14-35 T5 PRO lp PC 2/14-35/49/54 T5 PRO-M lp		x x		
		21 / 849 + 35 / 1449	G5						22185148 22176186	PC 2x14-35 T5 PRO lp PC 2/14-35/49/54 T5 PRO-M lp		x	32) see comment	
		FDH	24 / 549	G5	22185103 22185094 22185078 22185104 22185095 22185079 22176209 22176210 22176211 22176212 28000307 28000308	PCA 1x14/24 T5 EXCEL one4all lp xitec II PCA 1x14/24 T5 ECO lp xitec II PCA 1x24 T5 BASIC lp xitec II PCA 2x14/24 T5 EXCEL one4all lp xitec II PCA 2x14/24 T5 ECO lp xitec II PCA 2x24 T5 BASIC lp xitec II PCA 3x14/24 T5 EXCEL one4all lp xitec PCA 4x14/24 T5 EXCEL one4all lp xitec PCA 3x14/24 T5 ECO lp xitec PCA 4x14/24 T5 ECO lp xitec PCA 3x14/24 T5 EXCITE lp xitec PCA 4x14/24 T5 EXCITE lp xitec	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC			22185149 22185150 22185159 22185160 22176000 22185212 22185221 22176182 22176185 22176408 22176413 22176417	PC 1x24 T5 PRO lp PC 2x24 T5 PRO lp PC 1x24 T5 TOP lp PC 2x24 T5 TOP lp PC 1x18-24W BASIC sl PC 3/4x24 T5 PRO lp PC 3/4x24 T5 TOP lp PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 1/2x26-42 TC PRO PC 1/2x26-42 TC PRO sr+ PC 1/2x26-42 TC PRO sr	ENEC ENEC ENEC ENEC VDE ENEC ENEC ENEC ENEC ENEC x x x		35) see comment 35) see comment
			28 / 1149	G5	22185108 22185099 22185086 22185109 22185100 22185087	PCA 1x28/54 T5 EXCEL one4all lp xitec II PCA 1x28/54 T5 ECO lp xitec II PCA 1x28 T5 BASIC lp xitec II PCA 2x28/54 T5 EXCEL one4all lp xitec II PCA 2x28/54 T5 ECO lp xitec II PCA 2x28 T5 BASIC lp xitec II	ENEC ENEC ENEC ENEC ENEC ENEC			22185147 22185148 22185157 22185158 22176182 22176183 22176184 22176186 87500215 87500216	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp PC 1x14-35 T5 TOP lp PC 2x14-28 T5 TOP lp PC 1/14-35/24/39 T5 PRO-M lp PC 1/14-35/49/54 T5 PRO-M lp PC 1/14-35/49/80 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp PC 1x28 T5 TEC lp PC 2x28 T5 TEC lp	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC x x		35) see comment 35) see comment
			28 / 1149 + 35 / 1449	G5						22185148 22176186	PC 2x14-35 T5 PRO lp PC 2/14-35/49/54 T5 PRO-M lp		x x	
			35 / 1449	G5	22185105 22185096 22185080 22185106 22185097 22185081	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II PCA 1x35/49/80 T5 ECO lp xitec II PCA 1x35 T5 BASIC lp xitec II PCA 2x35/49 T5 EXCEL one4all lp xitec II PCA 2x35/49 T5 ECO lp xitec II PCA 2x35 T5 BASIC lp xitec II	ENEC ENEC ENEC ENEC ENEC ENEC			22185147 22185148 22185157 87500292 22176182 22176183 22176184 22176186	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp PC 1x14-35 T5 TOP lp PC 2x35 T5 TOP lp PC 1/14-35/24/39 T5 PRO-M lp PC 1/14-35/49/54 T5 PRO-M lp PC 1/14-35/49/80 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC		35) see comment


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T5-Lamp Ø 16 mm 		39 / 849	G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II	ENEC			22185151	PC 1x39 T5 PRO lp	ENEC			
				22185101	PCA 1x21/39 T5 ECO lp xitec II	ENEC		22185152	PC 2x39 T5 PRO lp	ENEC				
				22185092	PCA 1x39 T5 BASIC lp xitec II	ENEC		22185161	PC 1x39 T5 TOP lp	ENEC		35) see comment		
				22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II	ENEC		22185162	PC 2x39 T5 TOP lp	ENEC		35) see comment		
				22185102	PCA 2x21/39 T5 ECO lp xitec II	ENEC		22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC				
				22185093	PCA 2x39 T5 BASIC lp xitec II	ENEC		22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC				
		49 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II	ENEC			22185153	PC 1x49 T5 PRO lp	ENEC			
				22185096	PCA 1x35/49/80 T5 ECO lp xitec II	ENEC		22185154	PC 2x49 T5 PRO lp	ENEC				
				22185082	PCA 1x49 T5 BASIC lp xitec II	ENEC		22185163	PC 1x49 T5 TOP lp	ENEC		35) see comment		
				22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II	ENEC		22185164	PC 2x49 T5 TOP lp	ENEC		35) see comment		
				22185097	PCA 2x35/49 T5 ECO lp xitec II	ENEC		89800456	PC 1/49 T5 INDUSTRY	ENEC				
				22185083	PCA 2x49 T5 BASIC lp xitec II	ENEC		89800457	PC 2/49 T5 INDUSTRY	ENEC				
	FDH	54 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II	ENEC			22185155	PC 1x54 T5 PRO lp	ENEC			
				22185099	PCA 1x28/54 T5 ECO lp xitec xitec II	ENEC		22185156	PC 2x54 T5 PRO lp	ENEC				
				22185088	PCA 1x54 T5 BASIC lp xitec II	ENEC		22185165	PC 1x54 T5 TOP lp	ENEC		35) see comment		
				22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II	ENEC		22185166	PC 2x54 T5 TOP lp	ENEC		35) see comment		
				22185100	PCA 2x28/54 T5 ECO lp xitec xitec II	ENEC		89800458	PC 1/54 T5 INDUSTRY	ENEC				
				22185089	PCA 2x54 T5 BASIC lp xitec II	ENEC		89800459	PC 2/54 T5 INDUSTRY	ENEC				
		80 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II	ENEC			22185209	PC 1x80 T5 PRO lp	ENEC			
				22185096	PCA 1x35/49/80 T5 ECO lp xitec II	ENEC		22185210	PC 2x80 T5 PRO lp	ENEC				
				22185084	PCA 1x80 T5 BASIC lp xitec II	ENEC		89800460	PC 1/80 T5 INDUSTRY	ENEC				
				22185107	PCA 2/80 T5 EXCEL one4all lp xitec II	ENEC		89800461	PC 2/80 T5 INDUSTRY	ENEC				
				22185098	PCA 2/80 T5 ECO lp xitec II	ENEC		22176184	PC 1/14-35/49/80 T5 PRO-M lp	ENEC				
				22185085	PCA 2/80 T5 BASIC lp xitec II	ENEC								

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Philips MASTER TL5 Xtra HO Ø 16 mm 	FDH	49 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x			see T5 49W			
				22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x		28) see comment				
				22185082	PCA 1x49 T5 BASIC lp xitec II		x		28) see comment				
				22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II		x		28) see comment				
				22185097	PCA 2x35/49 T5 ECO lp xitec II		x		28) see comment				
				22185083	PCA 2x49 T5 BASIC lp xitec II		x		28) see comment				
	54 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x		28) see comment		see T5 54W			
			22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x		28) see comment					
			22185088	PCA 1x54 T5 BASIC lp xitec II		x		28) see comment					
			22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x		28) see comment					
			22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x		28) see comment					
			22185089	PCA 2x54 T5 BASIC lp xitec II		x		28) see comment					
80 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x		28) see comment		see T5 80W				
		22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x		28) see comment						
		22185084	PCA 1x80 T5 BASIC lp xitec II		x		28) see comment						
		22185107	PCA 2/80 T5 EXCEL one4all lp xitec II		x		28) see comment						
		22185098	PCA 2/80 T5 ECO lp xitec II		x		28) see comment						
		22185085	PCA 2/80 T5 BASIC lp xitec II		x		28) see comment						
Osram LUMILUX T5 XT HO Ø 16 mm 	FDH	54 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x			see T5 54W			
				22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x		28) see comment				
				22185088	PCA 1x54 T5 BASIC lp xitec II		x		28) see comment				
				22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x		28) see comment				
				22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x		28) see comment				
				22185089	PCA 2x54 T5 BASIC lp xitec II		x		28) see comment				
GE T5 Longlast T5 HE Ø 16 mm 	FDH	14 / 549	G5							see T5 14W			
		21 / 849	G5							see T5 21W			
		28 / 1149	G5								see T5 28W		
		35 / 1449	G5								see T5 35W		
GE T5 Longlast T5 HO Ø 16 mm 	FDH	24 / 549	G5							see T5 24W			
		39 / 849	G5							see T5 39W			
		49 / 1449	G5							see T5 49W			
		54 / 1149	G5							see T5 54W			
		80 / 1449	G5							see T5 80W			


Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe		
Philips MASTER TL5 Eco HE Ø 16 mm 	FDH	13 / 549	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II		x		22185147	PC 1x14-35 T5 PRO lp		x			
				22185094	PCA 1x14/24 T5 ECO lp xitec II		x		22185157	PC 1x14-35 T5 TOP lp		x			
				22185076	PCA 1x14 T5 BASIC lp xitec II		x		22176182	PC 1/14-35/24/39 T5 PRO-M lp		x			
				22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II		x		22176183	PC 1/14-35/49/54 T5 PRO-M lp		x			
				22185095	PCA 2x14/24 T5 ECO lp xitec II		x		22176184	PC 1/14-35/49/80 T5 PRO-M lp		x			
				22185077	PCA 2x14 T5 BASIC lp xitec II		x		22176185	PC 2/14-21/24/39 T5 PRO-M lp		x			
									22176186	PC 2/14-35/49/54 T5 PRO-M lp		x			
									22185211	PC 3/4x14 T5 PRO lp		x			
									22185220	PC 3/4x14 T5 TOP lp		x			
				19 / 849	G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II		x		22185147	PC 1x14-35 T5 PRO lp		x	
		22185101	PCA 1x21/39 T5 ECO lp xitec II				x		22185148	PC 2x14-35 T5 PRO lp		x			
		22185090	PCA 1x21 T5 BASIC lp xitec II				x		22185157	PC 1x14-35 T5 TOP lp		x			
		22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II				x		22185158	PC 2x14-28 T5 TOP lp		x			
		22185102	PCA 2x21/39 T5 ECO lp xitec II				x								
		22185091	PCA 2x21 T5 BASIC lp xitec II				x								
				25 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x		22185147	PC 1x14-35 T5 PRO lp		x	
		22185099	PCA 1x28/54 T5 ECO lp xitec xitec II				x		22185148	PC 2x14-35 T5 PRO lp		x			
		22185086	PCA 1x28 T5 BASIC lp xitec II				x		22185157	PC 1x14-35 T5 TOP lp		x			
		22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II				x		22185158	PC 2x14-28 T5 TOP lp		x			
22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x				22176182	PC 1/14-35/24/39 T5 PRO-M lp		x					
22185087	PCA 2x28 T5 BASIC lp xitec II		x				22176183	PC 1/14-35/49/54 T5 PRO-M lp		x					
							22176184	PC 1/14-35/49/80 T5 PRO-M lp		x					
							22176186	PC 2/14-35/49/54 T5 PRO-M lp		x					
		32 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x		22185147	PC 1x14-35 T5 PRO lp		x			
22185096	PCA 1x35/49/80 T5 ECO lp xitec II				x		22185148	PC 2x14-35 T5 PRO lp		x					
22185080	PCA 1x35 T5 BASIC lp xitec II				x		22185157	PC 1x14-35 T5 TOP lp		x					
22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II				x		87500292	PC 2x35 T5 TOP lp		x					
22185097	PCA 2x35/49 T5 ECO lp xitec II				x		22176182	PC 1/14-35/24/39 T5 PRO-M lp		x					
22185081	PCA 2x35 T5 BASIC lp xitec II				x		22176183	PC 1/14-35/49/54 T5 PRO-M lp		x					
22176207	PCA 2x35/49 T5 EXCITE lp xitec				x		22176184	PC 1/14-35/49/80 T5 PRO-M lp		x					
							22176186	PC 2/14-35/49/54 T5 PRO-M lp		x					



Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe		
Philips MASTER TL5 Eco HO Ø 16 mm 	FDH	20 / 549	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II		x		22185149	PC 1x24 T5 PRO lp		x			
				22185094	PCA 1x14/24 T5 ECO lp xitec II		x		22185150	PC 2x24 T5 PRO lp		x			
				22185078	PCA 1x24 T5 BASIC lp xitec II		x		22185212	PC 3/4x24 T5 PRO lp		x			
				22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II		x		22185221	PC 3/4x24 T5 TOP lp		x			
				22185095	PCA 2x14/24 T5 ECO lp xitec II		x		22176182	PC 1/14-35/24/39 T5 PRO-M lp		x			
				22185079	PCA 2x24 T5 BASIC lp xitec II		x		22176185	PC 2/14-21/24/39 T5 PRO-M lp		x			
									22185151	PC 1x39 T5 PRO lp		x			
									22185152	PC 2x39 T5 PRO lp		x			
									22185161	PC 1x39 T5 TOP lp		x			
									22185162	PC 2x39 T5 TOP lp		x			
				34 / 849	G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II		x						
		22185101	PCA 1x21/39 T5 ECO lp xitec II				x								
		22185092	PCA 1x39 T5 BASIC lp xitec II				x								
		22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II				x								
		22185102	PCA 2x21/39 T5 ECO lp xitec II				x								
		22185093	PCA 2x39 T5 BASIC lp xitec II				x								
		45 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x		22185153	PC 1x49 T5 PRO lp		x			
22185096	PCA 1x35/49/80 T5 ECO lp xitec II				x		22185154	PC 2x49 T5 PRO lp		x					
22185082	PCA 1x49 T5 BASIC lp xitec II				x		22185163	PC 1x49 T5 TOP lp		x					
22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II				x		22185164	PC 2x49 T5 TOP lp		x					
22185097	PCA 2x35/49 T5 ECO lp xitec II				x		22176183	PC 1/14-35/49/54 T5 PRO-M lp		x					
22185083	PCA 2x49 T5 BASIC lp xitec II				x		22176184	PC 1/14-35/49/80 T5 PRO-M lp		x					
		50 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x		22185155	PC 1x54 T5 PRO lp		x			
22185099	PCA 1x28/54 T5 ECO lp xitec xitec II				x		22185165	PC 1x54 T5 TOP lp		x					
22185088	PCA 1x54 T5 BASIC lp xitec II				x		22185166	PC 2x54 T5 TOP lp		x					
22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II				x		22176183	PC 1/14-35/49/54 T5 PRO-M lp		x					
22185100	PCA 2x28/54 T5 ECO lp xitec xitec II				x		22176186	PC 2/14-35/49/54 T5 PRO-M lp		x					
22185089	PCA 2x54 T5 BASIC lp xitec II				x										
		73 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x		22176184	PC 1/14-35/49/80 T5 PRO-M lp		x			
22185096	PCA 1x35/49/80 T5 ECO lp xitec II				x		22185209	PC 1x80 T5 PRO lp		x					
22185084	PCA 1x80 T5 BASIC lp xitec II				x		22185210	PC 2x80 T5 PRO lp		x					
22185107	PCA 2/80 T5 EXCEL one4all lp xitec II				x										
22185098	PCA 2/80 T5 ECO lp xitec II				x										
22185085	PCA 2/80 T5 BASIC lp xitec II				x										








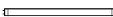
Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe		
Osram LUMILUX T5 HE ES Ø 16 mm 	FDH	13 / 549	G5						22185147	PC 1x14-35 T5 PRO lp		x			
									22185148	PC 2x14-35 T5 PRO lp		x			
											22185157	PC 1x14-35 T5 TOP lp		x	
											22185158	PC 2x14-28 T5 PRO lp		x	
											22176182	PC 1/14-35/24/39 T5 PRO-M lp		x	
											22176183	PC 1/14-35/49/54 T5 PRO-M lp		x	
											22176184	PC 1/14-35/49/80 T5 PRO-M lp		x	
											22176185	PC 2/14-21/24/39 T5 PRO-M lp		x	
											22176186	PC 2/14-35/49/54 T5 PRO-M lp		x	
											22185211	PC 3/4x14 T5 PRO lp		x	
											22185220	PC 3/4x14 T5 TOP lp		x	
											22185147	PC 1x14-35 T5 PRO lp		x	
											22185148	PC 2x14-35 T5 PRO lp		x	
											22185157	PC 1x14-35 T5 TOP lp		x	
											22185158	PC 2x14-28 T5 TOP lp		x	
								22176182	PC 1/14-35/24/39 T5 PRO-M lp		x				
								22176183	PC 1/14-35/49/54 T5 PRO-M lp		x				
								22176184	PC 1/14-35/49/80 T5 PRO-M lp		x				
								22176186	PC 2/14-35/49/54 T5 PRO-M lp		x				
								22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x				
								22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x				
								22185086	PCA 1x28 T5 BASIC lp xitec II		x				
								22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x				
								22185100	PCA 2x28/54 T5 ECO lp xitec II		x				
								22185087	PCA 2x28 T5 BASIC lp xitec II		x				
								22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x				
								22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x				
							22185080	PCA 1x35 T5 BASIC lp xitec II		x					
							22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II		x					
							22185097	PCA 2x35/49 T5 ECO lp xitec II		x					
							22185081	PCA 2x35 T5 BASIC lp xitec II		x					
							22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x					
							22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x					
							22185080	PCA 1x35 T5 BASIC lp xitec II		x					
							22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II		x					
							22185097	PCA 2x35/49 T5 ECO lp xitec II		x					
							22185081	PCA 2x35 T5 BASIC lp xitec II		x					



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Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe		
Osram LUMILUX T5 HO ES Ø 16 mm 	FDH	20 / 549	G5						22185149	PC 1x24 T5 PRO lp		x			
									22185150	PC 2x24 T5 PRO lp		x			
									22185212	PC 3/4x24 T5 PRO lp		x			
									22185221	PC 3/4x24 T5 TOP lp		x			
									22176182	PC 1/14-35/24/39 T5 PRO-M lp		x			
									22176185	PC 2/14-21/24/39 T5 PRO-M lp		x			
									22185151	PC 1x39 T5 PRO lp		x			
		34 / 849	G5								22185152	PC 2x39 T5 PRO lp		x	
											22185161	PC 1x39 T5 TOP lp		x	
											22185162	PC 2x39 T5 TOP lp		x	
				45 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II	x		22185153	PC 1x49 T5 PRO lp		x		
						22185096	PCA 1x35/49/80 T5 ECO lp xitec II	x		22185154	PC 2x49 T5 PRO lp		x		
						22185082	PCA 1x49 T5 BASIC lp xitec II	x		22185163	PC 1x49 T5 TOP lp		x		
						22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II	x		22185164	PC 2x49 T5 TOP lp		x		
	22185097	PCA 2x35/49 T5 ECO lp xitec II	x		22176183	PC 1/14-35/49/54 T5 PRO-M lp		x							
	22185083	PCA 2x49 T5 BASIC lp xitec II	x		22176184	PC 1/14-35/49/80 T5 PRO-M lp		x							
							22176186	PC 2/14-35/49/54 T5 PRO-M lp		x					
	50 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II	x		22185155	PC 1x54 T5 PRO lp		x					
			22185099	PCA 1x28/54 T5 ECO lp xitec xitec II	x		22185165	PC 1x54 T5 TOP lp		x					
			22185088	PCA 1x54 T5 BASIC lp xitec II	x		22185166	PC 2x54 T5 TOP lp		x					
			22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II	x		22176183	PC 1/14-35/49/54 T5 PRO-M lp		x					
			22185100	PCA 2x28/54 T5 ECO lp xitec xitec II	x		22176186	PC 2/14-35/49/54 T5 PRO-M lp		x					
			22185089	PCA 2x54 T5 BASIC lp xitec II	x										
	73 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II	x		22176184	PC 1/14-35/49/80 T5 PRO-M lp		x					
			22185096	PCA 1x35/49/80 T5 ECO lp xitec II	x		22185209	PC 1x80 T5 PRO lp		x					
			22185084	PCA 1x80 T5 BASIC lp xitec II	x		22185210	PC 2x80 T5 PRO lp		x					
			22185107	PCA 2/80 T5 EXCEL one4all lp xitec II	x										
			22185098	PCA 2/80 T5 ECO lp xitec II	x										
22185085			PCA 2x80 T5 BASIC lp xitec II	x											


Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe	
GE Starcoat T5 HE Watt-Miser Ø 16 mm 	FDH	14 / 549	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II		x	22185147	PC 1x14-35 T5 PRO lp		x			
				22185094	PCA 1x14/24 T5 ECO lp xitec II		x	22185148	PC 2x14-35 T5 PRO lp		x			
				22185076	PCA 1x14 T5 BASIC lp xitec II		x	22185157	PC 1x14-35 T5 TOP lp		x			
				22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II		x	22185211	PC 3/4x14 T5 PRO lp		x			
				22185095	PCA 2x14/24 T5 ECO lp xitec II		x	22185220	PC 3/4x14 T5 TOP lp		x			
		22185077	PCA 2x14 T5 BASIC lp xitec II		x									
		21 / 849	G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II		x	22185147	PC 1x14-35 T5 PRO lp		x			
				22185101	PCA 1x21/39 T5 ECO lp xitec II		x	22185148	PC 2x14-35 T5 PRO lp		x			
				22185090	PCA 1x21 T5 BASIC lp xitec II		x	22185157	PC 1x14-35 T5 TOP lp		x			
				22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II		x	22185158	PC 2x14-28 T5 TOP lp		x			
	22185102			PCA 2x21/39 T5 ECO lp xitec II		x								
	22185091	PCA 2x21 T5 BASIC lp xitec II		x										
	28 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x	22185147	PC 1x14-35 T5 PRO lp		x				
			22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x	22185148	PC 2x14-35 T5 PRO lp		x				
			22185086	PCA 1x28 T5 BASIC lp xitec II		x	22185157	PC 1x14-35 T5 TOP lp		x				
			22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x	22185158	PC 2x14-28 T5 TOP lp		x				
			22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x								
	22185087	PCA 2x28 T5 BASIC lp xitec II		x										
	35 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x	22185147	PC 1x14-35 T5 PRO lp		x				
			22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x	22185148	PC 2x14-35 T5 PRO lp		x				
22185080			PCA 1x35 T5 BASIC lp xitec II		x	22185157	PC 1x14-35 T5 TOP lp		x					
22185106			PCA 2x35/49 T5 EXCEL one4all lp xitec II		x	87500292	PC 2x35 T5 TOP lp		x					
22185097			PCA 2x35/49 T5 ECO lp xitec II		x									
22185081			PCA 2x35 T5 BASIC lp xitec II		x									
GE Starcoat T5 HO Watt-Miser Ø 16 mm 	FDH	24 / 549	G5					22185149	PC 1x24 T5 PRO lp		x			
								22185150	PC 2x24 T5 PRO lp		x			
								22185212	PC 3/4x24 T5 PRO lp		x			
								22185221	PC 3/4x24 T5 TOP lp		x			
		39 / 849	G5							22185151	PC 1x39 T5 PRO lp		x	
										22185152	PC 2x39 T5 PRO lp		x	
										22185161	PC 1x39 T5 TOP lp		x	
										22185162	PC 2x39 T5 TOP lp		x	
	49 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x	22185153	PC 1x49 T5 PRO lp		x				
			22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x	22185154	PC 2x49 T5 PRO lp		x				
			22185082	PCA 1x49 T5 BASIC lp xitec II		x	22185163	PC 1x49 T5 TOP lp		x				
			22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II		x	22185164	PC 2x49 T5 TOP lp		x				
			22185097	PCA 2x35/49 T5 ECO lp xitec II		x								
	22185083	PCA 2x49 T5 BASIC lp xitec II		x										
	54 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x	22185155	PC 1x54 T5 PRO lp		x				
			22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x	22185165	PC 1x54 T5 TOP lp		x				
			22185088	PCA 1x54 T5 BASIC lp xitec II		x	22185166	PC 2x54 T5 TOP lp		x				
			22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x								
22185100			PCA 2x28/54 T5 ECO lp xitec xitec II		x									
22185089	PCA 2x54 T5 BASIC lp xitec II		x											
80 / 1449	G5													

Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	ingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval ingeschränkte Freigabe	
Aura T5 Eco Saver HE Long Life Ø 16 mm 	FDH	13W / 549			in preparation				22185147 22185148	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp		x x		
		19W / 849			in preparation				22185147 22185148	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp		x x		
		25 / 1149	G5							22185147 22185148	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp		x x	
		32 / 1449	G5	22185105 22185096 22185080 22185106 22185097 22185081	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II PCA 1x35/49/80 T5 ECO lp xitec II PCA 1x35 T5 BASIC lp xitec II PCA 2x35/49 T5 EXCEL one4all lp xitec II PCA 2x35/49 T5 ECO lp xitec II PCA 2x35 T5 BASIC lp xitec II			43) see comment 43) see comment 43) see comment 43) see comment 43) see comment 43) see comment	22185147 22185148 22176184	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp PC 1/14-35/49/80 T5 PRO-M lp		x x x		
Aura T5 Eco Saver HO Long Life Ø 16 mm 	FDH	45 / 1449	G5	22185105 22185096 22185082 22185106 22185097 22185083	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II PCA 1x35/49/80 T5 ECO lp xitec II PCA 1x49 T5 BASIC lp xitec II PCA 2x35/49 T5 EXCEL one4all lp xitec II PCA 2x35/49 T5 ECO lp xitec II PCA 2x49 T5 BASIC lp xitec II				22185153 22185154 22176184	PC 1x49 T5 PRO lp PC 2x49 T5 PRO lp PC 1/14-35/49/80 T5 PRO-M lp		x x x		
		FDH	50 / 1149	G5		in preparation				22185155 22185156 89800458 89800459	PC 1x54 T5 PRO lp PC 2x54 T5 PRO lp PC 1/54 T5 INDUSTRY PC 2/54 T5 INDUSTRY		x x	39) see comment 40) see comment
			73 / 1449	G5	22185105 22185096 22185084 22185106 22185097 22185085	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II PCA 1x35/49/80 T5 ECO lp xitec II PCA 1x80 T5 BASIC lp xitec II PCA 2x35/49 T5 EXCEL one4all lp xitec II PCA 2x35/49 T5 ECO lp xitec II PCA 2x80 T5 BASIC lp xitec II			22185209 22185210 22176184	PC 1x80 T5 PRO lp PC 2x80 T5 PRO lp PC 1/14-35/49/80 T5 PRO-M lp		x x		41) see comment
Narva LT T5 COLOURLUX plus ES+XL Ø 16 mm 	FDH	32 / 1449	G5						22185147 22185148	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp		x x		
		45 / 1449	G5							22185153 22185154	PC 1x49 T5 PRO lp PC 2x49 T5 PRO lp		x x	
Philips MASTER TL5 EcoPlus HO Ø 16 mm 	FDH	41 / 1449	G5						22185153 22185154 22185163 22185164	PC 1x49 T5 PRO lp PC 2x49 T5 PRO lp PC 1x49 T5 TOP lp PC 2x49 T5 TOP lp		x x x x		
		44 / 1149	G5							22185155 22185156 22185165 22185166	PC 1x54 T5 PRO lp PC 2x54 T5 PRO lp PC 1x54 T5 TOP lp PC 2x54 T5 TOP lp		x x x	42) see comment
		66 / 1449	G5							22185209 22185210	PC 1x80 T5 PRO lp PC 2x80 T5 PRO lp		x x	


Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe
Philips MASTER TL5 Top HO Ø 16 mm 	FDH	49 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x			see T5 49W			
				22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x						
				22185082	PCA 1x49 T5 BASIC lp xitec II		x						
				22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II		x						
				22185097	PCA 2x35/49 T5 ECO lp xitec II		x						
				22185083	PCA 2x49 T5 BASIC lp xitec II		x						
	54 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x			see T5 54W				
			22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x							
			22185088	PCA 1x54 T5 BASIC lp xitec II		x							
			22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x							
			22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x							
			22185089	PCA 2x54 T5 BASIC lp xitec II		x							
	80 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x	44)		see T5 80W				
			22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x	44)						
			22185084	PCA 1x80 T5 BASIC lp xitec II		x	44)						
			22185107	PCA 2x80 T5 EXCEL one4all lp xitec II		x	44)						
			22185098	PCA 2x80 T5 ECO lp xitec II		x	44)						
			22185085	PCA 2x80 T5 BASIC lp xitec II		x	44)						
	Osram LUMILUX T5 HO const. Ø 16 mm 	FDH	24 / 549	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II		x			see T5 24W		
					22185094	PCA 1x14/24 T5 ECO lp xitec II		x					
					22185078	PCA 1x24 T5 BASIC lp xitec II		x					
					22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II		x					
					22185095	PCA 2x14/24 T5 ECO lp xitec II		x					
					22185079	PCA 2x24 T5 BASIC lp xitec II		x					
39 / 849		G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II		x			see T5 39W				
			22185101	PCA 1x21/39 T5 ECO lp xitec II		x							
			22185092	PCA 1x39 T5 BASIC lp xitec II		x							
			22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II		x							
			22185102	PCA 2x21/39 T5 ECO lp xitec II		x							
			22185093	PCA 2x39 T5 BASIC lp xitec II		x							
49 / 1449		G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x			see T5 49W				
			22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x							
			22185082	PCA 1x49 T5 BASIC lp xitec II		x							
			22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II		x							
			22185097	PCA 2x35/49 T5 ECO lp xitec II		x							
			22185083	PCA 2x49 T5 BASIC lp xitec II		x							
54 / 1149		G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x			see T5 54W				
			22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x							
			22185088	PCA 1x54 T5 BASIC lp xitec II		x							
			22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x							
			22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x							
			22185089	PCA 2x54 T5 BASIC lp xitec II		x							
80 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x	44)		see T5 80W					
		22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x	44)							
		22185084	PCA 1x80 T5 BASIC lp xitec II		x	44)							
		22185107	PCA 2x80 T5 EXCEL one4all lp xitec II		x	44)							
		22185098	PCA 2x80 T5 ECO lp xitec II		x	44)							
		22185085	PCA 2x80 T5 BASIC lp xitec II		x	44)							



Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe
Osram LUMILUX T5 HE Seamless Ø 16 mm 	FDH	14 / 582	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II		x	22185147 22185148	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp		x		
				22185094	PCA 1x14/24 T5 ECO lp xitec II		x						
				22185076	PCA 1x14 T5 BASIC lp xitec II		x						
				22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II		x						
				22185095	PCA 2x14/24 T5 ECO lp xitec II		x						
				22185077	PCA 2x14 T5 BASIC lp xitec II		x						
	21 / 882	G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II		x	22185147 22185148	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp		x			
			22185101	PCA 1x21/39 T5 ECO lp xitec II		x							
			22185090	PCA 1x21 T5 BASIC lp xitec II		x							
			22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II		x							
			22185102	PCA 2x21/39 T5 ECO lp xitec II		x							
			22185091	PCA 2x21 T5 BASIC lp xitec II		x							
	28 / 1182	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x	22185147 22185148	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp		x	31) see comment		
			22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x							
			22185086	PCA 1x28 T5 BASIC lp xitec II		x							
			22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x							
			22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x							
			22185087	PCA 2x28 T5 BASIC lp xitec II		x							
Osram LUMILUX T5 HO Seamless Ø 16 mm 	FDH	24 / 582	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II		x	22185149 22176182 22176185	PC 1x24 T5 PRO lp PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-35/24/39 T5 PRO-M lp		x		
				22185094	PCA 1x14/24 T5 ECO lp xitec II		x						
				22185078	PCA 1x24 T5 BASIC lp xitec II		x						
				22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II		x						
				22185095	PCA 2x14/24 T5 ECO lp xitec II		x						
				22185079	PCA 2x24 T5 BASIC lp xitec II		x						
	39 / 882	G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II		x	22185151 22185152 22176182 22176185	PC 1x39 T5 PRO lp PC 2x39 T5 PRO lp PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-35/24/39 T5 PRO-M lp		x	32) see comment		
			22185101	PCA 1x21/39 T5 ECO lp xitec II		x							
			22185092	PCA 1x39 T5 BASIC lp xitec II		x							
			22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II		x							
			22185102	PCA 2x21/39 T5 ECO lp xitec II		x							
			22185093	PCA 2x39 T5 BASIC lp xitec II		x							
	54 / 1182	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x	22185155 22185156 22176183 22176186	PC 1x54 T5 PRO lp PC 2x54 T5 PRO lp PC 1/14-35/49/54 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp		x			
			22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x							
			22185088	PCA 1x54 T5 BASIC lp xitec II		x							
			22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x							
			22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x							
			22185089	PCA 2x54 T5 BASIC lp xitec II		x							


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SYLVANIA Luxline Plus - T5 HE Ø 16 mm 	FDH	13 / 549	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II		x			see T5 14W			
				22185094	PCA 1x14/24 T5 ECO lp xitec II		x						
				22185076	PCA 1x14 T5 BASIC lp xitec II		x						
				22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II		x						
				22185095	PCA 2x14/24 T5 ECO lp xitec II		x						
				22185077	PCA 2x14 T5 BASIC lp xitec II		x						
		19 / 849	G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II		x			see T5 21W			
				22185101	PCA 1x21/39 T5 ECO lp xitec II		x						
				22185090	PCA 1x21 T5 BASIC lp xitec II		x						
				22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II		x						
				22185102	PCA 2x21/39 T5 ECO lp xitec II		x						
				22185091	PCA 2x21 T5 BASIC lp xitec II		x						
		25 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x			see T5 28W			
				22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x						
				22185086	PCA 1x28 T5 BASIC lp xitec II		x						
				22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II		x						
				22185100	PCA 2x28/54 T5 ECO lp xitec xitec II		x						
				22185087	PCA 2x28 T5 BASIC lp xitec II		x						
		32 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x			see T5 35W			
				22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x						
22185080	PCA 1x35 T5 BASIC lp xitec II				x								
22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II				x								
22185097	PCA 2x35/49 T5 ECO lp xitec II				x								
22185081	PCA 2x35 T5 BASIC lp xitec II				x								
SYLVANIA Luxline Plus - T5 HO Ø 16 mm 	FDH	20 / 549	G5	22185103	PCA 1x14/24 T5 EXCEL one4all lp xitec II		x			see T5 24W			
				22185094	PCA 1x14/24 T5 ECO lp xitec II		x						
				22185076	PCA 1x14 T5 BASIC lp xitec II		x						
				22185104	PCA 2x14/24 T5 EXCEL one4all lp xitec II		x						
				22185095	PCA 2x14/24 T5 ECO lp xitec II		x						
				22185077	PCA 2x14 T5 BASIC lp xitec II		x						
		35 / 849	G5	22185110	PCA 1x21/39 T5 EXCEL one4all lp xitec II		x			see T5 39W			
				22185101	PCA 1x21/39 T5 ECO lp xitec II		x						
				22185090	PCA 1x21 T5 BASIC lp xitec II		x						
				22185111	PCA 2x21/39 T5 EXCEL one4all lp xitec II		x						
				22185102	PCA 2x21/39 T5 ECO lp xitec II		x						
				22185091	PCA 2x21 T5 BASIC lp xitec II		x						
		45 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x			see T5 49W			
				22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x						
				22185082	PCA 1x49 T5 BASIC lp xitec II		x						
				22185106	PCA 2x35/49 T5 EXCEL one4all lp xitec II		x						
				22185097	PCA 2x35/49 T5 ECO lp xitec II		x						
				22185083	PCA 2x49 T5 BASIC lp xitec II		x						
		50 / 1149	G5	22185108	PCA 1x28/54 T5 EXCEL one4all lp xitec II		x			see T5 54W			
				22185099	PCA 1x28/54 T5 ECO lp xitec xitec II		x						
22185088	PCA 1x54 T5 BASIC lp xitec II				x								
22185109	PCA 2x28/54 T5 EXCEL one4all lp xitec II				x								
22185100	PCA 2x28/54 T5 ECO lp xitec xitec II				x								
22185089	PCA 2x54 T5 BASIC lp xitec II				x								
73 / 1449	G5	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II		x			see T5 80W					
		22185096	PCA 1x35/49/80 T5 ECO lp xitec II		x								
		22185084	PCA 1x80 T5 BASIC lp xitec II		x								
		22185107	PCA 2x80 T5 EXCEL one4all lp xitec II		x								
		22185098	PCA 2x80 T5 ECO lp xitec II		x								
		22185085	PCA 2x80 T5 BASIC lp xitec II		x								



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TC-SEL and TC-L (HE) without starter 	FSD	5	2G7						24138830 24138833	PC 1x5-16W BASIC PC 1x5-16W BASIC sl	VDE VDE			
		7	2G7						24138830 24138833	PC 1x5-16W BASIC PC 1x5-16W BASIC sl	VDE VDE			
		9	2G7						24138830 24138833 22176405	PC 1x5-16W BASIC PC 1x5-16W BASIC sl PC 1/2x9-13 TC PRO	VDE VDE ENEC			
		11	2G7		22185134 22185126 22185118 22185135 22185127 22185119	PCA 1/11/13 TC EXCEL one4all xitec II PCA 1/11/13 TC ECO xitec II PCA 1/11/13 TC BASIC xitec II PCA 2/11/13 TC EXCEL one4all xitec II PCA 2/11/13 TC ECO xitec II PCA 2/11/13 TC BASIC xitec II	ENEC ENEC ENEC ENEC ENEC ENEC		22176405	PC 1/2x9-13 TC PRO	ENEC			
		16	2GX11							22176182 22176183 22176184 22176185 22176186 22176405	PC 1/14-35/24/39 T5 PRO-M lp PC 1/14-35/49/54 T5 PRO-M lp PC 1/14-35/49/80 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp PC 1/2x9-13 TC PRO		x x x x x x	
		18	2G11		22185104 22185095 22185079 22185251 22185252 22185253 22185257 22185258 22185259	PCA 2x14/24 T5 EXCEL one4all lp xitec II PCA 2x14/24 T5 ECO lp xitec II PCA 2x24 T5 BASIC lp xitec II PCA 1x18/24 TCL EXCEL one4all c xitec II PCA 1x18/24 TCL ECO c xitec II PCA 1x18/24 TCL BASIC c xitec II PCA 2x18/24 TCL EXCEL one4all c xitec II PCA 2x18/24 TCL ECO c xitec II PCA 2x18/24 TCL BASIC c xitec II	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC		22176000 22185212 22176068 22176069 22176182 22176185 22176408 22176413 22176417 22176410 22176414 22176418 22185213 22185216 22185222 22185225 87500257	PC 1x18-24W BASIC sl PC 3/4x24 T5 PRO lp PC 1/18/24 TCL PRO PC 2/18/24 TCL PRO PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 1/2x26-42 TC PRO PC 1/2x26-42 TC PRO sr+ PC 1/2x26-42 TC PRO sr PC 2/26-42 TC PRO PC 2/26-42 TC PRO sr+ PC 2/26-42 TC PRO sr PC 1x18 T8 PRO lp PC 2x18 T8 PRO lp PC 1x18 T8 PRO sl PC 2x18 T8 TOP sl PC 4x18 T8 TEC	VDE x ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC x x x x x			
		22	2GX11							22185147 22185148 22176182 22176183 22176184 22176185 22176186	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp PC 1/14-35/24/39 T5 PRO-M lp PC 1/14-35/49/54 T5 PRO-M lp PC 1/14-35/49/80 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp	x x x x x x x		






Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	eingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval eingeschränkte Freigabe
TC-SEL and TC-L (HE) without starter 		24	2G11	22185104 22185095 22185079 22185251 22185252 22185253 22185257 22185258 22185259	PCA 2x14/24 T5 EXCEL one4all lp xitec II PCA 2x14/24 T5 ECO lp xitec II PCA 2x24 T5 BASIC lp xitec II PCA 1x18/24 TCL EXCEL one4all c xitec II PCA 1x18/24 TCL ECO c xitec II PCA 1x18/24 TCL BASIC c xitec II PCA 2x18/24 TCL EXCEL one4all c xitec II PCA 2x18/24 TCL ECO c xitec II PCA 2x18/24 TCL BASIC c xitec II	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC		22185149 22185150 22185212 22185159 22185160 22185221 22176182 22176185 22176068 22176069 22176408 22176413 22176417 22176410 22176414 22176418	PC 1x24 T5 PRO lp PC 2x24 T5 PRO lp PC 3/4x24 T5 PRO lp PC 1x24 T5 TOP lp PC 2x24 T5 TOP lp PC 3/4x24 T5 TOP lp PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 1/18/24 TCL PRO PC 2/18/24 TCL PRO PC 1/2x26-42 TC PRO PC 1/2x26-42 TC PRO sr+ PC 1/2x26-42 TC PRO sr PC 2/26-42 TC PRO PC 2/26-42 TC PRO sr+ PC 2/26-42 TC PRO sr	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC			
	FSDH	26	2GX11						22185147 22185148 22176182 22176183 22176184 22176186	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp PC 1/14-35/24/39 T5 PRO-M lp PC 1/14-35/49/54 T5 PRO-M lp PC 1/14-35/49/80 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp		x x x x x x	
		28	2GX11	22185108 22185109 22185099 22185100 22185086 22185087	PCA 1x28/54 T5 EXCEL one4all lp xitec II PCA 2x28/54 T5 EXCEL one4all xitec II PCA 1x28/54 T5 ECO lp xitec II PCA 2x28/54 T5 ECO lp xitec II PCA 1x28 T5 BASIC lp xitec II PCA 2x28 T5 BASIC lp xitec II	x x x x x x	1,6,9,18) see comr 1,6,9,18) see comr 1,6,9,18) see comr 1,6,9,18) see comr 1,6,9,18) see comr 1,6,9,18) see comr	22185147 22185148 22185157 22176182 22176183 22176184 22176186	PC 1x14-35 T5 PRO lp PC 2x14-35 T5 PRO lp PC 1x14-35 T5 TOP lp PC 1/14-35/24/39 T5 PRO-M lp PC 1/14-35/49/54 T5 PRO-M lp PC 1/14-35/49/80 T5 PRO-M lp PC 2/14-35/49/54 T5 PRO-M lp	ENEC ENEC		x x x x x x	
		34	2G11						22176141 22176170 22176182	PC 1/36 TCL PRO PC 2/36 TCL PRO PC 1/14-35/24/39 T5 PRO-M lp		x x x	
		36	2G11	22185110 22185101 22185092 22185111 22185102 22185093	PCA 1x21/39 T5 EXCEL one4all lp xitec II PCA 1x21/39 T5 ECO lp xitec II PCA 1x39 T5 BASIC lp xitec II PCA 2x21/39 T5 EXCEL one4all lp xitec II PCA 2x21/39 T5 ECO lp xitec II PCA 2x39 T5 BASIC lp xitec II	ENEC ENEC ENEC ENEC ENEC ENEC		22176141 22176170 22176231 22176182 22176185 89800452 89800453 89800008 22185214 22185217 22185223 22185226	PC 1/36 TCL PRO PC 2/36 TCL PRO PC 3/36 T8 PRO PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 1/36 T8 INDUSTRY PC 2/36 T8 INDUSTRY PC 1/36 T8 PRO sc PC 1x36 T8 PRO lp PC 2x36 T8 PRO sl PC 1x36 T8 TOP sl PC 2x36 T8 TOP sl	ENEC ENEC ENEC ENEC ENEC ENEC ENEC		x x x x x x x x x x	
		40	2G11	22185110 22185101 22185092 22185111 22185102 22185093 22185128 22185120 22185112	PCA 1x21/39 T5 EXCEL one4all lp xitec II PCA 1x21/39 T5 ECO lp xitec II PCA 1x39 T5 BASIC lp xitec II PCA 2x21/39 T5 EXCEL one4all lp xitec II PCA 2x21/39 T5 ECO lp xitec II PCA 2x39 T5 BASIC lp xitec II PCA 1x26-57 TC EXCEL one4all xitec II PCA 1x26-57 TC ECO xitec II PCA 1x26-57 TC BASIC xitec II	ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC ENEC		22176142 22176143 22176182 22176185	PC 1/40 TCL PRO PC 2/40 TCL PRO PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp	ENEC ENEC ENEC ENEC			

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TC-SEL and TC-L (HE) without starter 		55	2G11	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II	ENEC			22185209	PC 1x80 T5 PRO lp	ENEC				
				22185096	PCA 1x35/49/80 T5 ECO lp xitec II	ENEC		22185286	PC 2x55 TCL PRO lp	ENEC					
				22185084	PCA 1x80 T5 BASIC lp xitec II	ENEC		22176169	PC 1/55 TCL PRO	ENEC					
				22185107	PCA 2x80 T5 EXCEL one4all lp xitec II	ENEC		22176233	PC 2/55 TCL PRO	ENEC					
				22185098	PCA 2x80 T5 ECO lp xitec II	ENEC		89800458	PC 1/54 T5 INDUSTRY		x				
				22185085	PCA 2x80 T5 BASIC lp xitec II	ENEC		89800459	PC 2/54 T5 INDUSTRY		x				
								22176184	PC 1/14-35/49/80 T5 PRO-M lp	ENEC					
				80	2G11	22185105	PCA 1x35/49/80 T5 EXCEL one4all lp xitec II	ENEC			22185209	PC 1x80 T5 PRO lp		x	
				22185096	PCA 1x35/49/80 T5 ECO lp xitec II	ENEC			22185210	PC 2x80 T5 PRO lp		x			
				22185084	PCA 1x80 T5 BASIC lp xitec II	ENEC			22176184	PC 1/14-35/49/80 T5 PRO-M lp	ENEC				
									89800460	PC 1/80 T5 INDUSTRY		x			
									89800461	PC 2/80 T5 INDUSTRY		x			
TC-DEL without starter 	FSQ	10	G24q-1						22176405	PC 1/2x9-13 TC PRO	ENEC				
		13	G24q-1	22185134	PCA 1/11/13 TC EXCEL one4all xitec II	ENEC				22176405	PC 1/2x9-13 TC PRO	ENEC			
				22185126	PCA 1/11/13 TC ECO xitec II	ENEC									
				22185118	PCA 1/11/13 TC BASIC xitec II	ENEC									
				22185135	PCA 2/11/13 TC EXCEL one4all xitec II	ENEC									
				22185127	PCA 2/11/13 TC ECO xitec II	ENEC									
		18	G24q-2	22185130	PCA 1/18 TC EXCEL one4all xitec II	ENEC				22176407	PC 1/2x18 TC PRO	ENEC			
				22185122	PCA 1/18 TC ECO xitec II	ENEC			22176412	PC 1/2x18 TC PRO sr+	ENEC				
				22185114	PCA 1/18 TC BASIC xitec II	ENEC			22176416	PC 1/2x18 TC PRO sr	ENEC				
				22185131	PCA 2/18 TC EXCEL one4all xitec II	ENEC			28000073	PC 1x18 TC TOP	ENEC				
				22185123	PCA 2/18 TC ECO xitec II	ENEC			28000074	PC 2x18 TC TOP	ENEC				
		26	G24q-3	22185115	PCA 2/18 TC BASIC xitec II	ENEC			28000077	PC 1x18 TC TOP sr	ENEC				
								28000078	PC 2x18 TC TOP sr	ENEC					
				22185128	PCA 1x26-57 TC EXCEL one4all xitec II	ENEC			22176002	PC 1x26W BASIC sl	VDE				
				22185120	PCA 1x26-57 TC ECO xitec II	ENEC			22176208	PC 1x26W BASIC	VDE				
				22185112	PCA 1x26-57 TC BASIC xitec II	ENEC			22176408	PC 1/2x26-42 TC PRO	ENEC				
				22185129	PCA 2x26/32/42 TC EXCEL one4all xitec II	ENEC			22176413	PC 1/2x26-42 TC PRO sr+	ENEC				
				22185121	PCA 2x26/32/42 TC ECO xitec II	ENEC			22176417	PC 1/2x26-42 TC PRO sr	ENEC				
				22185113	PCA 2x26/32/42 TC BASIC xitec II	ENEC			22176410	PC 2/26-42 TC PRO	ENEC				
							22176414	PC 2/26-42 TC PRO sr+	ENEC						
							22176418	PC 2/26-42 TC PRO sr	ENEC						
					28000075	PC 1x26-42 TC TOP	ENEC								
					28000076	PC 2x26 TC TOP	ENEC								
					28000079	PC 1x26-42 TC TOP sr	ENEC								
					28000080	PC 2x26 TC TOP sr	ENEC								

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TC-TEL HE without starter 	FSM6H	11	GR14q-1	22185134	PCA 1/11/13 TC EXCEL one4all xitec II	ENEC			22176406	PC 1/2x11-17 TC PRO	ENEC		
				22185126	PCA 1/11/13 TC ECO xitec II	ENEC		22176411	PC 1/2x11-17 TC PRO sr+	ENEC			
				22185118	PCA 1/11/13 TC BASIC xitec II	ENEC		22176415	PC 1/2x11-17 TC PRO sr	ENEC			
				22185135	PCA 2/11/13 TC EXCEL one4all xitec II	ENEC							
				22185127	PCA 2/11/13 TC ECO xitec II	ENEC							
				22185119	PCA 2/11/13 TC BASIC xitec II	ENEC							
TC-TEL	FSM	13	GX24q-1	22185134	PCA 1/11/13 TC EXCEL one4all xitec II	ENEC			22176405	PC 1/2x9-13 TC PRO	ENEC		
				22185126	PCA 1/11/13 TC ECO xitec II	ENEC							
				22185118	PCA 1/11/13 TC BASIC xitec II	ENEC							
				22185135	PCA 2/11/13 TC EXCEL one4all xitec II	ENEC							
				22185127	PCA 2/11/13 TC ECO xitec II	ENEC							
				22185119	PCA 2/11/13 TC BASIC xitec II	ENEC							
TC-TEL HE	FSM6H	14	GR14q-1	22185134	PCA 1/11/13 TC EXCEL one4all xitec II	ENEC			22176406	PC 1/2x11-17 TC PRO	ENEC		
				22185126	PCA 1/11/13 TC ECO xitec II	ENEC		22176411	PC 1/2x11-17 TC PRO sr+	ENEC			
				22185118	PCA 1/11/13 TC BASIC xitec II	ENEC		22176415	PC 1/2x11-17 TC PRO sr	ENEC			
				22185135	PCA 2/11/13 TC EXCEL one4all xitec II	ENEC							
				22185127	PCA 2/11/13 TC ECO xitec II	ENEC							
				22185119	PCA 2/11/13 TC BASIC xitec II	ENEC							
TC-TEL HE	FSM6H	17	GR14q-1	22185134	PCA 1/11/13 TC EXCEL one4all xitec II	ENEC			22176406	PC 1/2x11-17 TC PRO	ENEC		
				22185126	PCA 1/11/13 TC ECO xitec II	ENEC		22176411	PC 1/2x11-17 TC PRO sr+	ENEC			
				22185118	PCA 1/11/13 TC BASIC xitec II	ENEC		22176415	PC 1/2x11-17 TC PRO sr	ENEC			
				22185135	PCA 2/11/13 TC EXCEL one4all xitec II	ENEC							
				22185127	PCA 2/11/13 TC ECO xitec II	ENEC							
				22185119	PCA 2/11/13 TC BASIC xitec II	ENEC							
TC-TEL	FSM	18	GX24q-2	22185130	PCA 1/18 TC EXCEL one4all xitec II	ENEC			22176407	PC 1/2x18 TC PRO	ENEC		
				22185122	PCA 1/18 TC ECO xitec II	ENEC		22176412	PC 1/2x18 TC PRO sr+	ENEC			
				22185114	PCA 1/18 TC BASIC xitec II	ENEC		22176416	PC 1/2x18 TC PRO sr	ENEC			
				22185131	PCA 2/18 TC EXCEL one4all xitec II	ENEC		28000073	PC 1x18 TC TOP	ENEC			
				22185123	PCA 2/18 TC ECO xitec II	ENEC		28000074	PC 2x18 TC TOP	ENEC			
				22185115	PCA 2/18 TC BASIC xitec II	ENEC		28000077	PC 1x18 TC TOP sr	ENEC			
								28000078	PC 2x18 TC TOP sr	ENEC			
TC-TEL	FSM	26	GX24q-3	22185128	PCA 1x26-57 TC EXCEL one4all xitec II	ENEC			22176002	PC 1x26W BASIC sl	VDE		
				22185120	PCA 1x26-57 TC ECO xitec II	ENEC		22176208	PC 1x26W BASIC	VDE			
				22185112	PCA 1x26-57 TC BASIC xitec II	ENEC		22176408	PC 1/2x26-42 TC PRO	ENEC			
				22185129	PCA 2x26/32/42 TC EXCEL one4all xitec II	ENEC		22176413	PC 1/2x26-42 TC PRO sr+	ENEC			
				22185121	PCA 2x26/32/42 TC ECO xitec II	ENEC		22176417	PC 1/2x26-42 TC PRO sr	ENEC			
				22185113	PCA 2x26/32/42 TC BASIC xitec II	ENEC		22176410	PC 2/26-42 TC PRO	ENEC			
									22176414	PC 2/26-42 TC PRO sr+	ENEC		
									22176418	PC 2/26-42 TC PRO sr	ENEC		
									28000075	PC 1x26-42 TC TOP	ENEC		
					28000076	PC 2x26 TC TOP	ENEC						
					28000079	PC 1x26-42 TC TOP sr	ENEC						
					28000080	PC 2x26 TC TOP sr	ENEC						

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TC-TEL without starter 	FSMH	32	GX24q-3	22185128	PCA 1x26-57 TC EXCEL one4all xitec II	ENEC			22176408	PC 1/2x26-42 TC PRO	ENEC		27) see comment	
				22185120	PCA 1x26-57 TC ECO xitec II	ENEC		22176413	PC 1/2x26-42 TC PRO sr+	ENEC		27) see comment		
				22185112	PCA 1x26-57 TC BASIC xitec II	ENEC		22176417	PC 1/2x26-42 TC PRO sr	ENEC		27) see comment		
				22185129	PCA 2x26/32/42 TC EXCEL one4all xitec II	ENEC		22176410	PC 2/26-42 TC PRO	ENEC				
				22185121	PCA 2x26/32/42 TC ECO xitec II	ENEC		22176414	PC 2/26-42 TC PRO sr+	ENEC				
				22185113	PCA 2x26/32/42 TC BASIC xitec II	ENEC		22176418	PC 2/26-42 TC PRO sr	ENEC				
									28000075	PC 1x26-42 TC TOP	ENEC			
						28000079	PC 1x26-42 TC TOP sr	ENEC						
TC-TEL	FSMH	42	GX24q-4	22185128	PCA 1x26-57 TC EXCEL one4all xitec II	ENEC			22176408	PC 1/2x26-42 TC PRO	ENEC		27) see comment	
				22185120	PCA 1x26-57 TC ECO xitec II	ENEC		22176413	PC 1/2x26-42 TC PRO sr+	ENEC		27) see comment		
				22185112	PCA 1x26-57 TC BASIC xitec II	ENEC		22176417	PC 1/2x26-42 TC PRO sr	ENEC		27) see comment		
				22185129	PCA 2x26/32/42 TC EXCEL one4all xitec II	ENEC		22176410	PC 2/26-42 TC PRO	ENEC				
				22185121	PCA 2x26/32/42 TC ECO xitec II	ENEC		22176414	PC 2/26-42 TC PRO sr+	ENEC				
				22185113	PCA 2x26/32/42 TC BASIC xitec II	ENEC		22176418	PC 2/26-42 TC PRO sr	ENEC				
									28000075	PC 1x26-42 TC TOP	ENEC			
						28000079	PC 1x26-42 TC TOP sr	ENEC						
TC-TEL	FSM6H	57	GX24q-5	22185128	PCA 1x26-57 TC EXCEL one4all xitec II	ENEC		29) see comment 29) see comment 29) see comment	22176409	PC 1x57/70 TC PRO	ENEC			
				22185120	PCA 1x26-57 TC ECO xitec II	ENEC								
				22185112	PCA 1x26-57 TC BASIC xitec II	ENEC								
TC-TEL	FSM6H	70	GX24q-6						22176409	PC 1x57/70 TC PRO	ENEC			
TC-F Flat 	FSS	18	2G10	22185251	PCA 1x18/24 TCL EXCEL one4all c xitec II	ENEC			22176000	PC 1x18-24W BASIC sl	VDE			
				22185252	PCA 1x18/24 TCL ECO c xitec II	ENEC		22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC				
				22185253	PCA 1x18/24 TCL BASIC c xitec II	ENEC		22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC				
				22185257	PCA 2x18/24 TCL EXCEL one4all c xitec II	ENEC		22176408	PC 1/2x26-42 TC PRO	ENEC				
				22185258	PCA 2x18/24 TCL ECO c xitec II	ENEC		22176413	PC 1/2x26-42 TC PRO sr+	ENEC				
				22185259	PCA 2x18/24 TCL BASIC c xitec II	ENEC		22176417	PC 1/2x26-42 TC PRO sr	ENEC				
		24	2G10	22185251	PCA 1x18/24 TCL EXCEL one4all c xitec II	ENEC		22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC				
				22185252	PCA 1x18/24 TCL ECO c xitec II	ENEC		22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC				
				22185253	PCA 1x18/24 TCL BASIC c xitec II	ENEC		22176408	PC 1/2x26-42 TC PRO	ENEC				
				22185257	PCA 2x18/24 TCL EXCEL one4all c xitec II	ENEC		22176413	PC 1/2x26-42 TC PRO sr+	ENEC				
				22185258	PCA 2x18/24 TCL ECO c xitec II	ENEC		22176417	PC 1/2x26-42 TC PRO sr	ENEC				
				22185259	PCA 2x18/24 TCL BASIC c xitec II	ENEC		22176410	PC 2/26-42 TC PRO	ENEC				
		36	2G10	22176414	PCA 2/26-42 TC PRO sr+	ENEC		22176414	PC 2/26-42 TC PRO sr+	ENEC				
				22176418	PCA 2/26-42 TC PRO sr	ENEC		22176418	PC 2/26-42 TC PRO sr	ENEC				
								22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC				
								22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC				
								22176408	PC 1/2x26-42 TC PRO	ENEC				
								22176413	PC 1/2x26-42 TC PRO sr+	ENEC				
									22176417	PC 1/2x26-42 TC PRO sr	ENEC			
									22176410	PC 2/26-42 TC PRO	ENEC			
									22176414	PC 2/26-42 TC PRO sr+	ENEC			
									22176418	PC 2/26-42 TC PRO sr	ENEC			
									22176141	PC 1/36 TCL PRO		x		
									22176170	PC 2/36 TCL PRO		x		
									22176182	PC 1/14-35/24/39 T5 PRO-M lp	ENEC			
									22176185	PC 2/14-21/24/39 T5 PRO-M lp	ENEC			
									89800008	PC 1/36 T8 PRO sc	ENEC			

Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	ingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval ingeschränkte Freigabe	
T9-Circline Ø 30mm 	FC	22 / Ø 216	G10q						22176408 22176413 22176417	PC 1/2x26-42 TC PRO PC 1/2x26-42 TC PRO sr+ PC 1/2x26-42 TC PRO sr	x x x			
		32 / Ø 307	G10q						22176141	PC 1/36 TCL PRO			4) see comment	
		40 / Ø 409	G10q						22176141 22176170	PC 1/36 TCL PRO PC 2/36 TCL PRO	x x			
T5-Circline Ø 16 mm 	FCH	22 / Ø 230	2GX13	22185251 22185252 22185253	PCA 1x18/24 TCL EXCEL one4all c xitec II PCA 1x18/24 TCL ECO c xitec II PCA 1x18/24 TCL BASIC c xitec II	ENEC ENEC ENEC			22176000 22176182 22176185 22176408 22176413 22176417 22176410 22176414 22176418	PC 1x18-24W BASIC sl PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 1/2x26-42 TC PRO PC 1/2x26-42 TC PRO sr+ PC 1/2x26-42 TC PRO sr PC 2/26-42 TC PRO PC 2/26-42 TC PRO sr+ PC 2/26-42 TC PRO sr	VDE ENEC ENEC ENEC ENEC ENEC ENEC ENEC			
		3x 22/Ø230							22185212 22185221	PC 3/4x24 T5 PRO lp PC 3/4x24 T5 TOP lp		x x		
		22 + 40							22176410 22176414 22176418	PC 2/26-42 TC PRO PC 2/26-42 TC PRO sr+ PC 2/26-42 TC PRO sr	ENEC ENEC ENEC			
		40 / Ø 305	2GX13	22185128 22185120 22185112	PCA 1x26-57 TC EXCEL one4all xitec II PCA 1x26-57 TC ECO xitec II PCA 1x26-57 TC BASIC xitec II	ENEC ENEC ENEC			22185151 22185152 22185162 22176182 22176185 22176408 22176413 22176417 22176410 22176414 22176418	PC 1x39 T5 PRO lp PC 2x39 T5 PRO lp PC 2x39 T5 TOP lp PC 1/14-35/24/39 T5 PRO-M lp PC 2/14-21/24/39 T5 PRO-M lp PC 1/2x26-42 TC PRO PC 1/2x26-42 TC PRO sr+ PC 1/2x26-42 TC PRO sr PC 2/26-42 TC PRO PC 2/26-42 TC PRO sr+ PC 2/26-42 TC PRO sr	ENEC ENEC ENEC ENEC ENEC ENEC ENEC	x x x	27) see comment 27) see comment 27) see comment	
		55 / Ø 305	2GX13	22185132 22185124 22185116	PCA 1x55 T5c EXCEL one4all xitec II PCA 1x55 T5c ECO xitec II PCA 1x55 T5c BASIC xitec II	ENEC ENEC ENEC			22176169 22185155 22185165 22176184 89800458	PC 1/55 TCL PRO PC 1x54 T5 PRO lp PC 1x54 T5 TOP lp PC 1/14-35/49/80 T5 PRO-M lp PC 1/54 T5 INDUSTRY	ENEC	x x		37) see comment
		60 / Ø 379	2GX13						87500513	PC 1/70 T8 PRO				19) see comment

Lamp Lampe	v Code	W / mm	Socket Cap	Article No. Artikelnr.	Dimmable electronic ballast Dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	ingeschränkte Freigabe limited approval	Article No. Artikelnr.	Non dimmable electronic ballast Nicht dimmbares EVG	Approval with certificate Freigabe mit Prüfzeichen	Approval without certificate Freigabe ohne Prüfzeichen	limited approval ingeschränkte Freigabe	
TC-DD 2D-lamp  	FSS	10	GR10q	22185134 22185126 22185118	PCA 1/11/13 TC EXCEL one4all xitec II PCA 1/11/13 TC ECO xitec II PCA 1/11/13 TC BASIC xitec II		x x x	30) see comment 30) see comment 30) see comment	22176405	PC 1/2x9-13 TC PRO		x		
		16	GR10q	22185134 22185126 22185118	PCA 1/11/13 TC EXCEL one4all xitec II PCA 1/11/13 TC ECO xitec II PCA 1/11/13 TC BASIC xitec II		x x x	30) see comment 30) see comment 30) see comment	22176405	PC 1/2x9-13 TC PRO		x		
		21	GR10q							22176407 22176412 22176416	PC 1/2x18 TC PRO PC 1/2x18 TC PRO sr+ PC 1/2x18 TC PRO sr		x x x	
			28	GR10q	22185254 22185255 22185256	PCA 1x28 TC-DD EXCEL one4all c xitec II PCA 1x28 TC-DD ECO c xitec II PCA 1x28 TC-DD BASIC c xitec II	ENECE ENECE ENECE			89800004	PC 1/28 DD PRO sc	ENECE		
			38	GR10q						89800005	PC 1/38 DD PRO sc	ENECE		
		FSSH	55	GR10q						89800006	PC 1/55 DD PRO sc	ENECE		

Die Garantie für elektronische Betriebsgeräte gilt nur, wenn das Produkt mit Lampen installiert wird, die den entsprechenden IEC-Spezifikationen entsprechen.  
The guarantee for electronic operating devices applies only if the product is installed with lamps that comply with the relevant IEC specifications.

#### bedingte Freigaben limited approvals

- 1) lamp life limited to approx. 20.000 starts (early blackening of cathodes)
- 2) lamp life limited to approx. 25.000 starts (early blackening of cathodes); if the lamp is operated hot the power decreases with the lamp voltage (BLF approx. 0,8 - 0,9)
- 3) lamp power 15% higher than nominal
- 4) lamp life limited to approx. 35.000 starts; if the lamp is operated hot the power decreases with the lamp voltage
- 6) temperature range limited from +20 C° to +40 C°
- 9) at low temperature (< 5°C) the lamp maybe oscillate or flicker
- 11) end blackening after 18.000 starts
- 18) dimming range limited to 100% - 15%
- 19) end blackening after 25.000 starts
- 20) fix frequency operation
- 22) visible difference in luminance of both lamps (about 10 %)
- 27) For 1-lamp operation only
- 28) No increased lamp life compared to standard lamps guaranteed
- 29) GE Lamp can only be started above +10 °C
- 30) Filament heating at start-up and run not optimal
- 31) Lamp can only be started above -10 °C
- 32) Lamp can only be started above 0 °C
- 33) 2x18W application only
- 34) 4x18W application only
- 35) Article number for Asia and Australia
- 36) Article number for Europe, Middle East, Africa and America
- 37) BLF 0,91
- 39) power controlled ballast type - no energy saving effect compared to T5 54W standard lamp and early blackening of cathodes
- 40) power controlled ballast type - no energy saving effect compared to T5 54W standard lamp
- 41) lamp power approx. 10 % lower than nominal lamp power
- 42) temperature range limited to -25 °C to +50 °C; lamp life limited to approx. 25.000 starts
- 43) dimming range limited to 12% - 100%
- 44) dimming range limited to 30% - 100%

Neue Einträge gegenüber der vorherigen Version sind in gelb markiert.  
New entries compared to previous version are marked in yellow