

The Philips logo is displayed in a white rounded rectangle on a dark blue background. It consists of the word "PHILIPS" in a bold, blue, sans-serif font.

Lamp Drivers

A high-angle photograph of a modern office interior. Three people are working at a large white table. A man in a dark suit and striped tie stands in the center, gesturing with his right hand while holding a laptop in his left. A woman in a pink top sits on the left, working on a laptop. A woman in a grey blazer sits on the right, also working on a laptop. The table has a small potted plant and a colorful geometric object. Large windows in the background show an outdoor area with another table and chairs.

# Philips Lamp Electronics

Lamp ballast Matrix and ballast Cross reference  
August 2017

# Master T5

## Electronic fixed output ballast for Fluorescent Lamps

### KEY

	Electronic ballast is compatible with lamp
	Electronic ballast is not compatible with lamp

12NC/GPC	EOC	Product description	Number Lamps	Lamp type			
				Philips Master TL5 HE Osram Lumilux T5 HE GE T5 Longlast HE	Philips Master TL5 Eco HE Osram Lumilux T5 HE ES	Philips Master TL5 Top/Xtra HO Osram LUMILUX T5 Constant/XT HO GE T5 Longlast/Watt-Misser HO	Philips Master TL5 Eco HO Osram Lumilux T5 HO ES
				Wattage	Wattage	Wattage	Wattage
913713031066	872790090504500	HF-P 1 14-35 TL5 HE III 220-240V 50/60Hz	1	14/21/28/35	13/19/25/32		
913713031166	872790090503800	HF-P 2 14-35 TL5 HE III 220-240V 50/60Hz	2	14/21/28/35	13/19/25/32		
913713034066	872790095224700	HF-P 1 24-39 TL5 HO III 220-240V 50/60Hz	1			24/39	20/34
913713034166	872790095226100	HF-P 2 24-39 TL5 HO III 220-240V 50/60Hz	2			24/39	20/34
913713028066	872790086319200	HF-P 149 TL5 HO III 220-240V 50/60Hz IDC	1			49	45
913713028166	872790086347500	HF-P 249 TL5 HO III 220-240V 50/60Hz IDC	2			49	45
913713028266	872790086348200	HF-P 154/155 TL5 HO/PLL III 220-240V IDC	1			54	50
913713028366	872790086351200	HF-P 254/255 TL5 HO/PLL III 220-240V IDC	2			54	50
913713033966	8718291712125300	HF-P 3/414 TL5 III 220-240V 50/60Hz	3/4	14	13		
913713034266	872790095228500	HF-P 180 TL5/PL-L III 220-240V 50/60Hz	1			80	73
913713034366	872790095230800	HF-P 280 TL5/PL-L III 220-240V 50/60Hz	1			80	73
913713042066	871829175842600	HF-S 1 14-35 TL5 HE II 220-240V 50/60Hz	1	14/21/28/35			
913713042166	871829175844000	HF-S 2 14-35 TL5 HE II 220-240V 50/60Hz	2	14/21/28/35			
913713034466	872790093933000	HF-S 124-39 TL5 II 220-240V	1			24/39	
913713034566	872790093935400	HF-S 224-39 TL5 II 220-240V	2			24/39	
913713033466	872790090558800	HF-S 149 TL5 II 220-240V 50/60Hz	1			49	
913713033566	872790090560100	HF-S 249 TL5 II 220-240V 50/60Hz	2			49	
913713033666	872790090561800	HF-S 154 TL5 II 220-240V 50/60Hz	1			54	
913713033766	872790090562500	HF-S 254 TL5 II 220-240V 50/60Hz	2			54	
913713032266	872790089739500	HF-S 158 TL-D II 220-240V 50/60Hz	1			54	
913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	2			54	
913713033066	872790088335000	HF-S 3/414 TL5 II 220-240V 50/60Hz	3/4	14			
913713034666	872790093937800	HF-S 3/424 TL5 II 220-240V	3/4			24	
913713042266	871829175846400	HF-S 180 TL5/PL-L II 220-240V 50/60Hz	1			80	
913713042366	871829175848800	HF-S 280 TL5/PL-L II 220-240V 50/60Hz	2			80	
913713040766	871829177068800	HF-E II 1/2 49 TL5 220-240 50/60Hz	1/2			49	
913713040866	871829177066400	HF-E II 1/2 54 TL5 220-240 50/60Hz	1/2			54	
913713041366	871829177062600	HF-E II 3/414 TL5 220-240 50/60Hz	3/4	14			
913713041466	871869641697600	HF-E 114 TL5 II 220-240 50/60Hz	1	14			
913713041566	871869641703400	HF-E 214 TL5 II 220-240 50/60Hz	2	14			
913713041666	871869641699000	HF-E 121 TL5 II 220-240 50/60Hz	1	21			
913713042866	871869656767800	HF-E 1/2 28-35 TL5 II 220-240 50/60Hz	1/2	28/35			
913700624066	871150091494130	HF-Pi 1 14/21/24/39 TL5 EII 220-240V	1	14/21	13/19	24/39	20/34
913700624266	871150091500930	HF-Pi 2 14/21/24/39 TL5 EII 220-240V	2	14/21	13/19	24/39	20/34
913700624166	871150091496530	HF-Pi 1 28/35/49/54 TL5 EII 220-240V	1	28/35	25/32	49/54	45/50
913700624366	871150091502330	HF-Pi 2 28/35/49/54 TL5 EII 220-240V	2	28/35	25/32	49/54	45/50
913700652566	872790086249200	HF-Pi 1 28/35/49/80 TL5 EII	1	28/35	25/32	49/80	45/73
913700652666	872790086250800	HF-Pi 2 28/35/49/80 TL5 EII	2	28/35	25/32	49/80	45/73
913700657666	872790088775400	HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V	3/4	14/21	13/19	24	20
913700689766	871829166215000	HF-S 154 TL5 II HT 220-240V 50/60Hz	1			54	
913700690166	871829166779700	HF-S 249 TL5 II HT 220-240V 50/60Hz	2			49	
913700689866	871829165613500	HF-S 254 TL5 II HT 220-240V 50/60Hz	2			54	
913700421766	871150053682230	HF-M BLUE 114 LH TL/PL-S/PL-C 230-240V	1	14			
913700417966	871150053638930	HF-M BLUE 124 SH TL/PL-L 230-240V	1			24	
913700418066	871150053640230	HF-M BLUE 124 LH TL/PL-L 230-240V	1			24	
913700418366	871150053646430	HF-M BLUE 121 LH TL5 230-240V	1	21			
913700419966	871150093243330	HF-M BLUE 128 LH TL5 230-240V	1	28			
913700423266	871150093140530	HF-M RED 114 SH TL/PL-L 230-240V	1	14			
913700420666	871150091040030	HF-M RED 124 SH TL/PL-L 230-240V	1			24	



# Master TL-D

Electronic **fixed output ballast** for Fluorescent Lamps

## KEY

	Electronic ballast is compatible with lamp
	Electronic ballast is not compatible with lamp

12NC/GPC	EOC	Product description	Number Lamps	Lamp type	
				Philips Master TL-D Super 80	Philips Master TL-D Eco
				Wattage	Wattage
913713031566	872790091164000	HF-P 118/136 TL-D III 220-240V 50/60 Hz	1	18/36	32
913713031866	872790091170100	HF-P 158 TL-D III 220-240V 50/60 Hz	1	58/70	51
913713031666	872790091166400	HF-P 218/236 TL-D III 220-240V 50/60 Hz	2	18/36	32
913713031966	872790091172500	HF-P 258 TL-D III 220-240V 50/60 Hz	2	58/70	51
913713031466	872790091162600	HF-P 3/418 TL-D III 220-240V 50/60 Hz	3/4	18	
913713031766	872790091168800	HF-P 336 TL-D III 220-240V 50/60 Hz	3	36	32
913713033666	872790090561800	HF-S 154 TL5 II 220-240V 50/60Hz	1	58	51
913713033766	872790090562500	HF-S 254 TL5 II 220-240V 50/60Hz	2	58	51
913713032166	872790090551900	HF-S 118/136 TL-D II 220-240V 50/60Hz	1	18/36	32
913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	2	18/36	
913713032766	872790089747000	HF-S 336 TL-D II 220-240V 50/60Hz	3	36	32
913713032266	872790089739500	HF-S 158 TL-D II 220-240V 50/60Hz	1	58	51
913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	2	58	51
913713032666	872790090555700	HF-S 3/418 TL-D II 220-240V 50/60Hz	3	18	
913713032666	872790090555700	HF-S 3/418 TL-D II 220-240V 50/60Hz	4	18	
913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	2	18	
913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	1	36	
913713041166	871829177058900	HF-E II 236 TL-D 220-240 50/60Hz	2	36	
913713040966	871829177064000	HF-E II 1/2 58 TL-D 220-240 50/60Hz	1/2	58	
913713041266	871829177060200	HF-E II 418 TL-D 220-240 50/60Hz	4	18	
913713040866	871829177066400	HF-E II 1/2 54 TL5 220-240 50/60Hz	1/2	58	
913700624066	871150091494130	HF-PI 1 14/21/24/39 TL5 EII 220-240V	1	18/36	32
913700624266	871150091500930	HF-PI 2 14/21/24/39 TL5 EII 220-240V	2	18/36	32
913700624166	871150091496530	HF-PI 1 28/35/49/54 TL5 EII 220-240V	1	58	
913700624366	871150091502330	HF-PI 2 28/35/49/54 TL5 EII 220-240V	2	58	51
913700657666	872790088775400	HF-PI 3/4 14/24 TL5/PL-L EII 220-240V	3/4	18	
913700689966	871829165651700	HF-S 258 TL-D II HT 220-240V 50/60Hz	2	58	51
913700417966	871150053638930	HF-M BLUE 124 SH TL/TL5/PL-L 230-240V	1	15/18	
913700418066	871150053640230	HF-M BLUE 124 LH TL/TL5/PL-L 230-240V	1	15/18	
913700420666	871150091040030	HF-M RED 124 SH TL/TL5/PL-L 230-240V	1	18	



# Master CFL-ni Compact

## Electronic fixed output ballast for Fluorescent Lamps

### KEY

	Electronic ballast is compatible with lamp
	Electronic ballast is not compatible with lamp

12NC/GPC	EOC	Product description	Number Lamps	Lamp type					
				Philips Master PL-L 4 Pin Philips PL-L Xtra 4 Pin Osram Dulux L Lumilux 4 Pin Osram Dulux L XT 4 Pin	Philips Master PL-C 4 Pin Philips PL-C Xtra 4 Pin Osram Dulux D/E 4 Pin	Philips Master PL-T 4 Pin Philips PL-T Top 4 Pin Osram Dulux T/E Plus 4 Pin Osram Dulux T/E Constant	Philips Master TL5 Circular Osram Lumilux T5 FC	Philips Master PL-S 4 Pin Osram Dulux S/e 4 Pin	Philips Master Mini Superior
				Wattage	Wattage	Wattage	Wattage	Wattage	Wattage
913713031566	872790091164000	HF-P 118/136 TL-D III 220-240V 50/60 Hz	1	36					
913713031866	872790091170100	HF-P 158 TL-D III 220-240V 50/60 Hz	1	55					
913713031666	872790091166400	HF-P 218/236 TL-D III 220-240V 50/60 Hz	2	36					
913713031966	872790091172500	HF-P 258 TL-D III 220-240V 50/60 Hz	2	55					
913713028266	872790086348200	HF-P 154/155 TL5 HO/PLL III 220-240V IDC	1	55					
913713028366	872790086351200	HF-P 254/255 TL5 HO/PLL III 220-240V IDC	2	55					
913713034266	872790095228500	HF-P 180 TL5/PL-L III 220-240V 50/60Hz	1	80					
913713034366	872790095230800	HF-P 280 TL5/PL-L III 220-240V 50/60Hz	1	80					
913713033666	872790090561800	HF-S 154 TL5 II 220-240V 50/60Hz	1	55					
913713033766	872790090562500	HF-S 254 TL5 II 220-240V 50/60Hz	2	55					
913713042266	871829175846400	HF-S 180 TL5/PL-L II 220-240V 50/60Hz	1	80					
913713042366	871829175848800	HF-S 280 TL5/PL-L II 220-240V 50/60Hz	2	80					
913713032166	872790090551900	HF-S 118/136 TL-D II 220-240V 50/60Hz	1	36					
913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	2	36					
913713032766	872790089747000	HF-S 336 TL-D II 220-240V 50/60Hz	3	36					
913713032266	872790089739500	HF-S 158 TL-D II 220-240V 50/60Hz	1	55					
913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	2	55					
913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	1	36					
913713041166	871829177058900	HF-E II 236 TL-D 220-240 50/60Hz	2	36					
913713040966	871829177064000	HF-E II 1/2 58 TL-D 220-240 50/60Hz	1/2	55					
913713040866	871829177066400	HF-E II 1/2 54 TL5 220-240 50/60Hz	1/2	55					
913713035866	871829116963500	HF-S 1/218 PL-T/C/ II SR 220-240V 50/60Hz	1/2		18	18			
913713035666	871829116959800	HF-S 1/226 PL-T/C/L/TL5c II SR 220-240V 50/60Hz	1/2		26	26			
913700624066	871150091494130	HF-Pi 114/21/24/39 TL5 EII 220-240V	1	18/24/36/40			22/40		
913700624266	871150091500930	HF-Pi 2 14/21/24/39 TL5 EII 220-240V	2	18/24/36/40			22/40		
913700624166	871150091496530	HF-Pi 1 28/35/49/54 TL5 EII 220-240V	1	55			60		
913700624366	871150091502330	HF-Pi 2 28/35/49/54 TL5 EII 220-240V	2	55			60		
913700652566	872790086249200	HF-Pi 1 28/35/49/80 TL5 EII	1	80			55		
913700652666	872790086250800	HF-Pi 2 28/35/49/80 TL5 EII	2	80			55		
913700657666	872790088775400	HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V	3/4	18/24					
913700631166	871150091407130	HF-P 1 13-17 PL-T/C/R EII 220-240V	1		13	13			
913700631266	871150091409530	HF-P 2 13-17 PL-T/C/R EII 220-240V	2		13	13			
913700630766	871150091397530	HF-P 1 22-42 PL-T/C/L/TL5c EII 220-240V	1	18/24	26	26/32/42	22/40		
913700630866	871150091399930	HF-P 2 22-42 PL-T/C/L/TL5c EII 220-240V	2	18/24	26	26/32/42	22/40		
913700648666	872790083417800	HF-P 1/218 PL-T/C III 220-240V 50/60Hz	1/2		18	18			
913700648866	872790083423900	HF-P 1/226 PL-T/C III 220-240V 50/60Hz	1/2		26	26			
913700163891	871150092776730	HF-P 155 TL5C 220-240V 50/60Hz	1				55		
913700163991	871150092778130	HF-P 160 TL5C 220-240V 50/60Hz	1				60		
913700421366	871150053680830	HF-M BLUE 109 LH TL/PL-S 230-240V	1					7/9/11	6/8
913700421766	871150053682230	HF-M BLUE 114 LH TL/PL-S/PL-C 230-240V	1		10/13			14	13
913700417966	8711500536838930	HF-M BLUE 124 SH TL/TL5/PL-L 230-240V	1	18/24			22		
913700418066	871150053640230	HF-M BLUE 124 LH TL/TL5/PL-L 230-240V	1	18/24			22		
913700422866	871150093142930	HF-M RED 109 SH TL/PL-S 230-240V	1					7/9/11	6/8
913700423266	871150093140530	HF-M RED 114 SH TL/TL5 230-240V	1		10/13			14	13
913700423466	871150092802330	HF-M RED 118 SH PL-C/PL-T 230-240V	1		18	18			
913700420666	871150091040030	HF-M RED 124 SH TL/TL5/PL-L 230-240V	1	18/24			22		
913700425866	871829115271200	HF-M RED 209 SH PL-S/Tmini 220-240V	2					5/7/9	6/8

# Master Dimming

## Electronic dimming ballast for Fluorescent Lamps

### KEY

	Electronic ballast is compatible with lamp
	Electronic ballast is not compatible with lamp

I2NC/GPC	EOC	Product description	Number Lamps	Lamp type										
				Philips Master TL5 HE Osram Lumilux T5 HE GE T5 Longlast HE	Philips Master TL5 Eco HE Osram Lumilux T5 HE ES	Philips Master TL5 Top/Xtra HO Osram LUMILUX T5 Constant/XT HO GE T5 Longlast/Watt-Misser HO	Philips Master TL5 Eco HO Osram Lumilux T5 HO ES	Philips Master TL-D Super 80	Philips Master TL-D Eco	Philips Master PL-L 4 Pin Philips PL-L Xtra 4 Pin Osram Dulux L Lumilux 4 Pin Osram Dulux L XT 4 Pin	Philips Master PL-C 4 Pin Philips PL-C Xtra 4 Pin Osram Dulux D/E 4 Pi	Philips Master PL-T 4 Pin Philips PL-T Top 4 Pin Osram Dulux T/E Plus 4 Pin Osram Dulux T/E Constant	Philips Master TL5 Circular Osram Lumilux T5 FC	
				Wattage	Wattage	Wattage	Wattage	Wattage	Wattage	Wattage	Wattage	Wattage	Wattage	
913700619866	871150091180330	HF-R 114-35 TL5 EII 220-240V 50/60Hz	1	14/21/28/35										
913700632966	871150091468230	HF-R 139 TL5 EII 220-240V 50/60Hz	1			24/39					40			
913700608666	871150090998530	HF-R 149 TL5 EII 220-240V 50/60Hz	1			49								
913700608866	871150091005930	HF-R 154 TL5 EII 220-240V 50/60Hz	1			54					55			
913700609066	871150091011030	HF-R 180 TL5/PL-L EII 220-240V 50/60Hz	1			80					80			
913700619566	871150091178030	HF-R 214-35 TL5 EII 220-240V 50/60Hz	2	14/21/28/35										
913700633166	871150091472930	HF-R 224 TL5/PL-L EII 220-240V 50/60Hz	2			24					24			
913700633266	871150091474330	HF-R 239 TL5 EII 220-240V 50/60Hz	2			39					40			
913700608766	871150091003530	HF-R 249 TL5 EII 220-240V 50/60Hz	2			49								
913700608966	871150091008030	HF-R 254 TL5 EII 220-240V 50/60Hz	2			54					55			
913700609166	871150091065330	HF-R 280 TL5/PL-L EII 220-240V 50/60Hz	2			80					80			
913700629466	871150091368530	HF-R 314 TL5 EII 220-240V 50-60Hz	3	14										
913700614466	871150091364730	HF-R 414 TL5 EII 220-240V 50-60Hz	4	14										
913700629666	871150091370830	HF-R 324 TL5/PL-L EII 220-240V 50-60Hz	3			24								
913700614866	871150091374630	HF-R 424 TL5/PL-L EII 220-240V 50-60Hz	4			24								
913700620366	871150091190230	HF-R 118 TL-D EII 220-240V 50/60Hz	1					18						
913700609266	871150091013430	HF-R 136 TL-D EII 220-240V 50/60Hz	1					36			36			
913700609466	871150091017230	HF-R 158 TL-D EII 220-240V 50/60Hz	1					58						
913700609366	871150091015830	HF-R 236 TL-D EII 220-240V 50/60Hz	2					18/36			36			
913700609566	871150091019630	HF-R 258 TL-D EII 220-240V 50/60Hz	2					58						
913700629566	871150091376030	HF-R 318 TL-D EII 220-240V 50-60Hz	3					18						
913700614666	871150091366130	HF-R 418 TL-D EII 220-240V 50-60Hz	4					18						
913700698366	871829169689600	HF-Ri TD 1 14/21/24/39 E+	1	14/21	13/19	24/39	20/34	18/36	32	24/36/40				
913700698466	871829169691900	HF-Ri TD 2 14/21/24/39 E+	2	14/21	13/19	24/39	20/34	18/36	32	24/36/40				
913700695666	871829166205100	HF-Ri TD 1 28/35/49/54 TL5 E+ 195-240V	1	28/35	25/32	49/54	45/50	58	51	55				
913700695866	871829166209900	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	2	28/35	25/32	49/54	45/50	58	51	55				
913700695766	871829166207500	HF-Ri TD 1 35/49/80 TL5 E+ 195-240V	1	35	32	49/80	45/73			80				
913700609666	871150091067730	HF-Ri TD 280 TL5/PL-L EII 220-240V	2			80				80				
913700679066	871829115676500	HF-Ri TD 3 14/24 TL5 E+ 195-240V	3	14		24		18		18/24				
913700679166	871829115678900	HF-Ri TD 4 14/24 TL5 E+ 195-240V	4	14		24		18		18/24				
913700680066	871829117692300	HF-R 118 PL-T/C EII 220-240V 50/60Hz	1								18		18	
913700680166	871829117698500	HF-R 218 PL-T/C EII 220-240V 50/60Hz	2								18		18	
913700626666	872790080971800	HF-R 1 26-42 PL-T/C EII 220-240V 50/60Hz	1								26		26/32/42	
913700626566	872790080972500	HF-R 2 26-42 PL-T/C EII 220-240V 50/60Hz	2								26		26/32/42	
913700684766	871829124167600	HF-Ri TD 1 26-42 PL-T/C E+	1								26		26/32/42	22/40
913700684866	871829124196000	HF-Ri TD 2 26-42 PL-T/C E+	2								26		26/32/42	22/40
913700761866	871829171864200	HF-Ri TD 155 TL5C E+ 195-240V 50/60Hz	1											55
913700761966	871829171862800	HF-Ri TD 160 TL5C E+ 195-240V 50/60Hz	1											60

# Cross Reference with Osram

## Electronic fixed output ballast for Fluorescent Lamps

Osram Product Offer				Philips Lighting Product Offer				
Product code	Product description	Dimension (mm)	Product family	Product code	EOC	Product description	Dimension (mm)	Product family
4008321061515	QTP5 1x14-35	280x30x21	QUICKTRONIC PROFESSIONAL	913713031066	872790090504500	HF-P 114-35 TL5 HE III 220-240V 50/60Hz	360x30x21	HF-Performer III
4008321123190	QTP5 1x24-39	280x30x21	QUICKTRONIC PROFESSIONAL	913713034066	872790095224700	HF-P 124-39 TL5 HO III 220-240V 50/60Hz	360x30x21	HF-Performer III
4008321061614	QTP5 1x49	280x30x21	QUICKTRONIC PROFESSIONAL	913713028066	872790086319200	HF-P 149 TL5 HO III 220-240V 50/60Hz IDC	360x30x21	HF-Performer III
4008321061553	QTP5 1x54	280x30x21	QUICKTRONIC PROFESSIONAL	913713028266	872790086348200	HF-P 154/155 TL5 HO/PLL III 220-240V IDC	360x30x21	HF-Performer III
4008321061539	QTP5 2x14-35	360x30x21	QUICKTRONIC PROFESSIONAL	913713034266	872790095228500	HF-P 180 TL5/PL-L III 220-240V 50/60Hz	360x30x21	HF-Performer III
4008321329059	QTP5 1x80	360x30x21	QUICKTRONIC PROFESSIONAL	913713031166	872790090503800	HF-P 2 14-35 TL5 HE III 220-240V 50/60Hz	360x30x21	HF-Performer III
4008321123671	QTP5 2x24-39	360x30x21	QUICKTRONIC PROFESSIONAL	913713034166	872790095226100	HF-P 2 24-39 TL5 HO III 220-240V 50/60Hz	360x30x21	HF-Performer III
4008321123831	QTP5 2x49	360x30x21	QUICKTRONIC PROFESSIONAL	913713028166	872790086347500	HF-P 249 TL5 HO III 220-240V 50/60Hz IDC	360x30x21	HF-Performer III
4008321061577	QTP5 2x54	360x30x21	QUICKTRONIC PROFESSIONAL	913713028366	872790086351200	HF-P 254/255 TL5 HO/PLL III 220-240V IDC	360x30x21	HF-Performer III
4050300825564	QT-FQ 2X80	424x30x21	QUICKTRONIC FQ	913713034366	872790095230800	HF-P 280 TL5/PL-L III 220-240V 50/60Hz	425x30x21	HF-Performer III
4008321484598	QTP5 3x14, 4x14	280x30x21	QUICKTRONIC PROFESSIONAL	913713033966	871829172125300	HF-P 3/414 TL5 TL-D III 220-240V 50/60Hz	280x40x21	HF-Performer III
4008321873743	QTP-OPTIMAL 1x18-40	280x30x21	QUICKTRONIC PROFESSIONAL OPTIMAL	913713031566	872790091164000	HF-P 118/136 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
4008321873729	QTP-OPTIMAL 1x54-58	280x30x21	QUICKTRONIC PROFESSIONAL OPTIMAL	913713031866	872790091170100	HF-P 158 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
4008321873767	QTP-OPTIMAL 2x18-40	360x30x21	QUICKTRONIC PROFESSIONAL OPTIMAL	913713031666	872790091166400	HF-P 218/236 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
4008321880253	QTP-OPTIMAL 2x54-58	360x30x21	QUICKTRONIC PROFESSIONAL OPTIMAL	913713031966	872790091172500	HF-P 258 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
				913713031466	872790091162600	HF-P 3/418 TL-D III 220-240V 50/60 Hz	280x40x28	HF-Performer III
				913713031766	872790091168800	HF-P 336 TL-D III 220-240V 50/60 Hz	280x40x28	HF-Performer III
4008321294180	QT-FIT8 1x18	280x30x28	QUICKTRONIC FIT 8	913713032166	872790090551900	HF-S 118/136 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
4008321294203	QT-FIT8 1x36	280x30x29	QUICKTRONIC FIT 8	913713032166	872790090551900	HF-S 118/136 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
4008321294227	QT-FIT8 1x58-70	280x30x28	QUICKTRONIC FIT 8	913713032266	872790089739500	HF-S 158 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
4008321294241	QT-FIT8 2x18	360x30x28	QUICKTRONIC FIT 8	913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
4008321294265	QT-FIT8 2x36	360x30x28	QUICKTRONIC FIT 8	913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
4008321294289	QT-FIT8 2x58-70	360x30x28	QUICKTRONIC FIT 8	913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
4008321294302	QT-FIT8 3x18, 4x18	280x40x28	QUICKTRONIC FIT 8	913713032666	872790090555700	HF-S 3/418 TL-D II 220-240V 50/60Hz	280x40x28	HF-Selectalume II
4008321512055	QT-FIT8 3x36	280x40x28	QUICKTRONIC FIT 8	913713032766	872790089747000	HF-S 358 TL-D II 220-240V 50/60Hz	280x40x28	HF-Selectalume II
4008321971234	QT-FIT5 1X14, 35	280x30x21	QUICKTRONIC FIT 5	913713042066	871829175842600	HF-S 114-35 TL5 HE II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
4008321832139	QT-FIT5 1X49	280x30x21	QUICKTRONIC FIT 5	913713033466	872790090558800	HF-S 149 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
4008321832153	QT-FIT5 2X49	280x30x21	QUICKTRONIC FIT 5	913713033566	913713009056100	HF-S 249 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
4008321971210	QT-FIT5 3X14,4X14	280x40x21	QUICKTRONIC FIT 5	913713033066	872790088335000	HF-S 3/414 TL5 II 220-240V 50/60Hz	280x40x21	HF-Selectalume II
4008321971258	QT-FIT5 2X14, 35	280x30x21	QUICKTRONIC FIT 5	913713042166	871829175844000	HF-S 2 14-35 TL5 HE II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
4008321873927	QT-FIT 5/8 1X18, 39	280x30x21	QUICKTRONIC FIT 5/8	913713034466	872790093933000	HF-S 124-39 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
4008321873903	QT-FIT 5/8 1X54, 58	280x30x21	QUICKTRONIC FIT 5/8	913713033666	872790090561800	HF-S 154 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
4008321873828	QT-FIT 5/8 2X18, 39	280x30x21	QUICKTRONIC FIT 5/8	913713034566	872790093935400	HF-S 224-39 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
4008321873842	QT-FIT 5/8 2X54, 58	280x30x21	QUICKTRONIC FIT 5/8	913713033766	872790090562500	HF-S 254 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
				913713034666	872790093937800	HF-S 3/424 TL5 II 220-240V 50/60Hz	280x40x21	HF-Selectalume II
				913713042266	871829175846400	HF-S 180 TL5/PL-L II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
				913713042366	871829175848800	HF-S 280 TL5/PL-L II 220-240V 50/60Hz	425x30x21	HF-Selectalume II
4008321863263	Qtz8 1X18	150x40x28	QUICKTRONIC Qtz8					
4008321863287	Qtz8 1X36	150x40x28	QUICKTRONIC Qtz8	913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	150x40x28	HF-Essential II
4008321863300	Qtz8 2X18	150x40x28	QUICKTRONIC Qtz8	913713041166	871829177058900	HF-E II 236 TL-D 220-240 50/60Hz	21x40x28	HF-Essential II
4008321863324	Qtz8 2X36	210x40x30	QUICKTRONIC Qtz8	913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	150x40x28	HF-Essential II
4008321863348	Qtz8 3X18	210x40x30	QUICKTRONIC Qtz8					
4008321863362	Qtz8 4X18	210x40x30	QUICKTRONIC Qtz8	913713041266	871829177060200	HF-E II 418 TL-D 220-240 50/60Hz	21x40x28	HF-Essential II
				913713040966	871829177064000	HF-E 1/2 58 TL-D II 220-240 50/60Hz	21x40x28	HF-Essential II
				913713041466	871869641697600	HF-E II 114 TL5 220-240 50/60Hz	280x30x22,7	HF-Essential II
				913713041666	871869641699000	HF-E II 121 TL5 220-240 50/60Hz	280x30x22,7	HF-Essential II
				913713041566	871869641703400	HF-E II 214 TL5 220-240 50/60Hz	280x30x26	HF-Essential II
				913713042866	871869656767800	HF-E 1/2 28-35 TL5 II 220-240 50/60Hz	21x40x28,7	HF-Essential II
				913713041366	871829177062600	HF-E II 3/414 TL5 220-240 50/60Hz	21x40x26	HF-Essential II
				913713040766	871829177068800	HF-E II 1/2 49 TL5 220-240 50/60Hz	280x30x21	HF-Essential II
				913713040866	871829177066400	HF-E II 1/2 54 TL5 220-240 50/60Hz	280x30x21	HF-Essential II
4008321383334	QTI 1X14/24/21/39 GII	360x30x21	QUICKTRONIC INTELLIGENT	913700624066	87150091494130	HF-Performer Intelligent 1 14/21/24/39 TL5 220-240V	360x30x21	HF-Performer Intelligent
4008321383358	QTI 1X28/54/35/49 GII	360x30x21	QUICKTRONIC INTELLIGENT	913700624166	87150091496530	HF-Performer Intelligent 1 28/35/49/54 TL5 220-240V	360x30x21	HF-Performer Intelligent
4008321383372	QTI 1X35/49/80 GII	360x30x21	QUICKTRONIC INTELLIGENT	913700652566	872790086249200	HF-Performer Intelligent 1 28/35/49/80 TL5 EII 220-240V	360x30x21	HF-Performer Intelligent
4008321383396	QTI 2X14/24/21/39 GII	360x30x21	QUICKTRONIC INTELLIGENT	913700624266	87150091500930	HF-Performer Intelligent 2 14/21/24/39 TL5 220-240V	360x30x21	HF-Performer Intelligent
4008321383419	QTI 2X28/54/35/49 GII	360x30x21	QUICKTRONIC INTELLIGENT	913700624366	87150091502330	HF-Performer Intelligent 2 28/35/49/54 TL5 220-240V	360x30x21	HF-Performer Intelligent
4008321658951	QTI 2X35/49/80 GII	424x30x21	QUICKTRONIC INTELLIGENT	913700652666	872790086250800	HF-Performer Intelligent 2 28/35/49/80 TL5 EII 220-240V	425x30x21	HF-Performer Intelligent

# Cross Reference with Osram

## Electronic dimming ballast for Fluorescent Lamps

Osram Product Offer				Philips Lighting Product Offer				
Product code	Product description	Dimension (mm)	Product family	Product code	EOC	Product description	Dimension (mm)	Product family
4050300870380	QTI DALI 1X14/24 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700698366	871829169689600	HF-Ri TD 1 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870366	QTI DALI 1X21/39 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700698366	871829169689600	HF-Ri TD 1 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870809	QTI DALI 1X28/54 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700695666	871829166205100	HF-Ri TD 1 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870342	QTI DALI 1X35/49/80 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700695766	871829166207500	HF-Ri TD 1 35/49/80 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870861	QTI DALI 2X14/24 DIM	423x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700698466	871829169691900	HF-Ri TD 2 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870489	QTI DALI 2X21/39 DIM	423x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700698466	871829169691900	HF-Ri TD 2 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870502	QTI DALI 2X28/54 DIM	423x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700695866	871829166209900	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870465	QTI DALI 2X35/49 DIM	423x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700695866	871829166209900	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870441	QTI DALI 2X35/49/80 DIM	423x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700609666	871150091067730	HF-Ri TD 280 TL5/PL-L EII 220-240V	425x30x21	HF-Regulator Intelligent Touch DALI
4008321069955	QTI DALI 3X14/24 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700679066	871829115676500	HF-Ri TD 3 14/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI
4008321070036	QTI DALI 4X14/24 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T5	913700679166	871829115678900	HF-Ri TD 4 14/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI
4050300870403	QTI DALI 1X18 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T8	913700698366	871829169689600	HF-Ri TD 1 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870427	QTI DALI 1X18 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T8	913700698366	871829169689600	HF-Ri TD 1 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870823	QTI DALI 1X58 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T8	913700695666	871829166205100	HF-Ri TD 1 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870526	QTI DALI 2X18 DIM	423x30x21	QUICKTRONIC INTELLIGENT DALI DIM T8	913700698466	871829169691900	HF-Ri TD 2 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870885	QTI DALI 2X36 DIM	423x30x21	QUICKTRONIC INTELLIGENT DALI DIM T8	913700698466	871829169691900	HF-Ri TD 2 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
4050300870847	QTI DALI 2X58 DIM	423x30x21	QUICKTRONIC INTELLIGENT DALI DIM T8	913700695866	871829166209900	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
4008321069979	QTI DALI 3X18 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T8	913700679066	871829115676500	HF-Ri TD 3 14/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI
4008321070050	QTI DALI 4X18 DIM	360x30x21	QUICKTRONIC INTELLIGENT DALI DIM T8	913700679166	871829115678900	HF-Ri TD 4 14/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI

# Cross Reference with Tridonic

## Electronic fixed output ballast for Fluorescent Lamps

Tridonic Product Offer				Philips Lighting Product Offer				
Product code	Product description	Dimension (mm)	Product family	Product code	EOC	Product description	Dimension (mm)	Product family
22185147	PC 1x14-35 T5 PRO lp	280x30x21	PC T5 PRO lp 14 – 80 W	913713031066	872790090504500	HF-P 114-35 T5 HE III 220-240V 50/60Hz	360x30x21	HF-Performer III
22185149	PC 1x24 T5 PRO lp	280x30x21	PC T5 PRO lp 14 – 80 W	913713034066	872790095224700	HF-P 124-39 T5 HO III 220-240V 50/60Hz	360x30x21	HF-Performer III
22185151	PC 1x39 T5 PRO lp	280x30x21	PC T5 PRO lp 14 – 80 W	913713034066	872790095224700	HF-P 124-39 T5 HO III 220-240V 50/60Hz	360x30x21	HF-Performer III
22185153	PC 1x49 T5 PRO lp	280x30x21	PC T5 PRO lp 14 – 80 W	913713028066	872790086319200	HF-P 149 T5 HO III 220-240V 50/60Hz IDC	360x30x21	HF-Performer III
22185155	PC 1x54 T5 PRO lp	280x30x21	PC T5 PRO lp 14 – 80 W	913713028266	872790086348200	HF-P 154/155 T5 HO/PLL III 220-240V IDC	360x30x21	HF-Performer III
22185209	PC 1x80 T5 PRO lp	280x30x21	PC T5 PRO lp 14 – 80 W	913713034266	872790095228500	HF-P 180 T5/PL-L III 220-240V 50/60Hz	360x30x21	HF-Performer III
22185148	PC 2x14-35 T5 PRO lp	360x30x21	PC T5 PRO lp 14 – 80 W	913713031166	872790090503800	HF-P 2 14-35 T5 HE III 220-240V 50/60Hz	360x30x21	HF-Performer III
22185150	PC 2x24 T5 PRO lp	360x30x21	PC T5 PRO lp 14 – 80 W	913713034166	872790095226100	HF-P 2 24-39 T5 HO III 220-240V 50/60Hz	360x30x21	HF-Performer III
22185152	PC 2x39 T5 PRO lp	360x30x21	PC T5 PRO lp 14 – 80 W	913713034166	872790095226100	HF-P 2 24-39 T5 HO III 220-240V 50/60Hz	360x30x21	HF-Performer III
22185154	PC 2x49 T5 PRO lp	360x30x21	PC T5 PRO lp 14 – 80 W	913713028166	872790086347500	HF-P 249 T5 HO III 220-240V 50/60Hz IDC	360x30x21	HF-Performer III
22185156	PC 2x54 T5 PRO lp	360x30x21	PC T5 PRO lp 14 – 80 W	913713028366	872790086351200	HF-P 254/255 T5 HO/PLL III 220-240V IDC	360x30x21	HF-Performer III
22185210	PC 2x80 T5 PRO lp	425x30x21	PC T5 PRO lp 14 – 80 W	913713034366	872790095230800	HF-P 280 T5/PL-L III 220-240V 50/60Hz	425x30x21	HF-Performer III
22185211	PC 3/4x14 T5 PRO lp	360x30x21	PC T5 PRO lp 14 – 80 W	913713033966	871829172125300	HF-P 3/414 T5 III 220-240V 50/60Hz	280x40x21	HF-Performer III
22185212	PC 3/4x24 T5 PRO lp	360x30x21	PC T5 PRO lp 14 – 80 W					
22185213	PC 1x18 T8 PRO lp	230x30x21	PC T8 PRO lp	913713031566	872790091164000	HF-P 118/136 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
22185214	PC 1x36 T8 PRO lp	230x30x21	PC T8 PRO lp	913713031566	872790091164000	HF-P 118/136 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
22185215	PC 1x58 T8 PRO lp	230x30x21	PC T8 PRO lp	913713031866	872790091701000	HF-P 158 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
22185216	PC 2x18 T8 PRO lp	280x30x21	PC T8 PRO lp	913713031666	872790091166400	HF-P 218/236 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
22185217	PC 2x36 T8 PRO sl	280x30x21	PC T8 PRO lp	913713031666	872790091166400	HF-P 218/236 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
22185218	PC 2x58 T8 PRO sl	280x30x21	PC T8 PRO lp	913713031966	872790091725000	HF-P 258 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
22185219	PC 3/4x18 T8 PRO lp	280x30x28	PC T8 PRO lp	913713031466	872790091162600	HF-P 3/418 TL-D III 220-240V 50/60 Hz	280x40x28	HF-Performer III
87500513	PC 1/70 T8 PRO	234x40x28	PC T8 PRO, 36 – 70 W	913713031866	872790091701000	HF-P 158 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
87500523	PC 2/70 T8 PRO	360x40x28	PC T8 PRO, 36 – 70 W	913713031966	872790091725000	HF-P 258 TL-D III 220-240V 50/60 Hz	280x30x28	HF-Performer III
22176231	PC 3/36 T8 PRO	360x40x28	PC T8 PRO, 36 – 70 W	913713031766	872790091168800	HF-P 336 TL-D III 220-240V 50/60 Hz	280x40x28	HF-Performer III
22185157	PC 1x14-35 T5 TOP lp	280x30x21	PC T5 TOP lp, 14 – 54 W	913713042066	871829175842600	HF-S 114-35 T5 HE II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
22185159	PC 1x24 T5 TOP lp	280x30x21	PC T5 TOP lp, 14 – 54 W	913713034466	872790093933000	HF-S 124-39 T5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
22185161	PC 1x39 T5 TOP lp	280x30x21	PC T5 TOP lp, 14 – 54 W	913713034466	872790093933000	HF-S 124-39 T5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
22185163	PC 1x49 T5 TOP lp	280x30x21	PC T5 TOP lp, 14 – 54 W	913713033466	872790090558800	HF-S 149 T5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
22185165	PC 1x54 T5 TOP lp	280x30x21	PC T5 TOP lp, 14 – 54 W	913713033666	872790090561800	HF-S 154 T5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
22185158	PC 2x14-28 T5 TOP lp	360x30x21	PC T5 TOP lp, 14 – 54 W	913713042166	871829175844000	HF-S 2 14-35 T5 HE II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
87500292	PC 2x35 T5 TOP lp	360x30x21	PC T5 TOP lp, 14 – 54 W	913713042166	871829175844000	HF-S 2 14-35 T5 HE II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
22185160	PC 2x24 T5 TOP lp	360x30x21	PC T5 TOP lp, 14 – 54 W	913713034566	872790093935400	HF-S 224-39 T5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
22185162	PC 2x39 T5 TOP lp	360x30x21	PC T5 TOP lp, 14 – 54 W	913713034566	872790093935400	HF-S 224-39 T5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
22185164	PC 2x49 T5 TOP lp	360x30x21	PC T5 TOP lp, 14 – 54 W	913713033566	872790090560100	HF-S 249 T5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
22185166	PC 2x54 T5 TOP lp	360x30x21	PC T5 TOP lp, 14 – 54 W	913713033766	872790090562500	HF-S 254 T5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
22185220	PC 3/4x14 T5 TOP lp	360x30x21	PC T5 TOP lp, 14 – 54 W	913713033066	872790088335000	HF-S 3/414 T5 II 220-240V 50/60Hz	280x40x21	HF-Selectalume II
22185221	PC 3/4x24 T5 TOP lp	360x30x21	PC T5 TOP lp, 14 – 54 W	913713034666	872790093937800	HF-S 3/424 T5 II 220-240V 50/60Hz	280x40x21	HF-Selectalume II
				913713042266	871829175846400	HF-S 180 T5/PL-L II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
				913713042366	871829175848800	HF-S 280 T5/PL-L II 220-240V 50/60Hz	425x30x21	HF-Selectalume II
22185222	PC 1x18 T8 TOP sl	230x30x28	PC T8 TOP lp,18 – 58 W	913713032166	872790090551900	HF-S 118/136 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
22185223	PC 1x36 T8 TOP sl	230x30x28	PC T8 TOP lp,18 – 58 W	913713032166	872790090551900	HF-S 118/136 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
22185224	PC 1x58 T8 TOP sl	230x30x28	PC T8 TOP lp,18 – 58 W	913713032266	872790089739500	HF-S 158 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
22185225	PC 2x18 T8 TOP sl	280x30x28	PC T8 TOP lp,18 – 58 W	913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
22185226	PC 2x36 T8 TOP sl	280x30x28	PC T8 TOP lp,18 – 58 W	913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
22185227	PC 2x58 T8 TOP sl	280x30x28	PC T8 TOP lp,18 – 58 W	913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
22185228	PC 3/4x18 T8 TOP lp	280x30x21	PC T8 TOP lp,18 – 58 W	913713032666	872790090555700	HF-S 3/418 TL-D II 220-240V 50/60Hz	280x40x28	HF-Selectalume II
				913713032766	872790089747000	HF-S 336 TL-D II 220-240V 50/60Hz	280x40x28	HF-Essential II
87500211	PC 1x14 T5 TEC lp	230x30x21	PC T5 TEC lp, 14 – 28 W	913713041466	871869641697600	HF-E II 114 T5 220-240 50/60Hz	280x30x22,7	HF-Essential II
87500217	PC 1x21 T5 TEC lp	230x30x21	PC T5 TEC lp, 14 – 28 W	913713041666	871869641699000	HF-E II 121 T5 220-240 50/60Hz	280x30x22,7	HF-Essential II
87500212	PC 2x14 T5 TEC lp	230x30x21	PC T5 TEC lp, 14 – 28 W	913713041566	871869641703400	HF-E II 214 T5 220-240 50/60Hz	280x30x26	HF-Essential II
87500215	PC 1x28 T5 TEC lp	230x30x21	PC T5 TEC lp, 14 – 28 W	913713042866	871869656767800	HF-E 1/2 28-35 T5 II 220-240 50/60Hz	211x40x28,7	HF-Essential II
87500216	PC 2x28 T5 TEC lp	280x30x21	PC T5 TEC lp, 14 – 28 W	913713042866	871869656767800	HF-E 1/2 28-35 T5 II 220-240 50/60Hz	211x40x28,7	HF-Essential II
87500213	PC 3x14 T5 TEC lp	280x30x21	PC T5 TEC lp, 14 – 28 W	913713041366	871829177062600	HF-E II 3/414 T5 220-240 50/60Hz	211x40x26	HF-Essential II
87500214	PC 4x14 T5 TEC lp	280x30x21	PC T5 TEC lp, 14 – 28 W	913713041366	871829177062600	HF-E II 3/414 T5 220-240 50/60Hz	211x40x26	HF-Essential II
				913713040766	871829177068800	HF-E II 1/2 49 T5 220-240 50/60Hz	280x30x21	HF-Essential II
				913713040866	871829177066400	HF-E II 1/2 54 T5 220-240 50/60Hz	280x30x21	HF-Essential II
87500255	PC 1x18 T8 TEC	150x40x28	PC T8 TEC, 18 – 58 W					
87500258	PC 1x36 T8 TEC	150x40x28	PC T8 TEC, 18 – 58 W	913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	150x40x28	HF-Essential II
87500150	PC 1x58 T8 TEC	150x40x28	PC T8 TEC, 18 – 58 W	913713040966	871829177064000	HF-E 1/2 58 TL-D II 220-240 50/60Hz	211x40x28	HF-Essential II
87500256	PC 2x18 T8 TEC	150x40x28	PC T8 TEC, 18 – 58 W	913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	150x40x28	HF-Essential II
87500259	PC 2x36 T8 TEC	210x40x30	PC T8 TEC, 18 – 58 W	913713041166	871829177058900	HF-E II 236 TL-D 220-240 50/60Hz	211x40x28	HF-Essential II
87500151	PC 2x58 T8 TEC	210x40x30	PC T8 TEC, 18 – 58 W	913713040966	871829177064000	HF-E 1/2 58 TL-D II 220-240 50/60Hz	211x40x28	HF-Essential II
87500257	PC 4x18 T8 TEC	210x40x30	PC T8 TEC, 18 – 58 W	913713041266	871829177060200	HF-E II 418 TL-D 220-240 50/60Hz	211x40x28	HF-Essential II
87500260	PC 2x36/4x18 T8 TEC	210x40x30	PC T8 TEC, 18 – 58 W					



# Cross Reference with Tridonic

## Electronic dimming ballast for Fluorescent Lamps

Tridonic Product Offer				Philips Lighting Product Offer				
Product code	Product description	Dimension (mm)	Product family	Product code	EOC	Product description	Dimension (mm)	Product family
22185103	PCA 1x14/24 T5 EXCEL Ip Xitec II	360x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700698366	871829169689600	HF-Ri TD 1 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
22185110	PCA 1x21/39 T5 EXCEL Ip Xitec II	360x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700698366	871829169689600	HF-Ri TD 1 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
22185108	PCA 1x28/54 T5 EXCEL Ip Xitec II	360x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700695666	871829166205100	HF-Ri TD 1 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
22185105	PCA 1x35/49/80 T5 EXCEL Ip Xitec II	360x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700695766	871829166207500	HF-Ri TD 1 35/49/80 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
22185104	PCA 2x14/24 T5 EXCEL Ip Xitec II	360x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700698466	871829169691900	HF-Ri TD 2 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
22185111	PCA 2x21/39 T5 EXCEL Ip Xitec II	360x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700698466	871829169691900	HF-Ri TD 2 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
22185109	PCA 2x28/54 T5 EXCEL Ip Xitec II	425x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700695866	871829166209900	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
22185106	PCA 2x35/49 T5 EXCEL Ip Xitec II	360x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700695866	871829166209900	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
22185107	PCA 2x80 T5 EXCEL Ip Xitec II	425x30x21	PCA T5 EXCEL Ip xitec II, 14 – 80 W	913700609666	871150091067730	HF-Ri TD 280 TL5/PL-L EII 220-240V	425x30x22	HF-Regulator Intelligent Touch DALI
22176209	PCA 3x14/24 T5 EXCEL Ip Xitec	360x40x21	PCA T5 EXCEL Ip 3x14/24 W	913700679066	871829115676500	HF-Ri TD 3 14/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI
22176210	PCA 4x14/24 T5 EXCEL Ip Xitec	360x40x21	PCA T5 EXCEL Ip 3x14/24 W	913700679166	871829115678900	HF-Ri TD 4 14/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI
22185239	PCA 1x18 T8 EXCEL Ip Xitec II	360x30x21	PCA T8 EXCEL Ip II, 18 – 58 W	913700698366	871829169689600	HF-Ri TD 1 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
28000034	PCA 1x36 T8 EXCEL Ip Xitec II	360x30x21	PCA T8 EXCEL Ip II, 18 – 58 W	913700698366	871829169689600	HF-Ri TD 1 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
28000036	PCA 1x58 T8 EXCEL Ip Xitec II	360x30x21	PCA T8 EXCEL Ip II, 18 – 58 W	913700695666	871829166205100	HF-Ri TD 1 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
22185242	PCA 2x18 T8 EXCEL Ip Xitec II	360x30x21	PCA T8 EXCEL Ip II, 18 – 58 W	913700698466	871829169691900	HF-Ri TD 2 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
28000038	PCA 2x36 T8 EXCEL Ip Xitec II	360x30x21	PCA T8 EXCEL Ip II, 18 – 58 W	913700698466	871829169691900	HF-Ri TD 2 14/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
28000040	PCA 2x58 T8 EXCEL Ip Xitec II	425x30x21	PCA T8 EXCEL Ip II, 18 – 58 W	913700695866	871829166209900	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
22185247	PCA 3x18 T8 EXCEL Ip Xitec	360x40x21	PCA T8 EXCEL Ip xitec, 3x18W/4x18W	913700679066	871829115676500	HF-Ri TD 3 14/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI
22185250	PCA 4x18 T8 EXCEL one4all Ip Xitec	360x40x21	PCA T8 EXCEL Ip xitec, 3x18W/4x18W	913700679166	871829115678900	HF-Ri TD 4 14/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI

# Cross Reference with Helvar

## Electronic fixed output ballast for Fluorescent Lamps

Helvar Product Offer			Philips Lighting Product Offer				
Product description	Dimension (mm)	Product family	Product code	EOC	Product description	Dimension (mm)	Product family
EL1x14-35ngn5	190x30x21	EL-ngn5	913713042066	871829175842600	HF-S 114-35 TL5 HE II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
EL1x24ngn5	190x30x21	EL-ngn5	913713034466	872790093933000	HF-S 124-39 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
EL1x39/36ngn5	190x30x21	EL-ngn5	913713034466	872790093933000	HF-S 124-39 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
EL1x49ngn5	190x30x21	EL-ngn5	913713033466	872790090558800	HF-S 149 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
EL1x54ngn5	190x30x21	EL-ngn5	913713033666	872790090561800	HF-S 154 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
EL2x14-35ngn5	280x30x21	EL-ngn5	913713042166	871829175844000	HF-S 214-35 TL5 HE II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
EL2x24ngn5	280x30x21	EL-ngn5	913713034566	872790093935400	HF-S 224-39 TL5 II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
EL2x39/36ngn5	280x30x21	EL-ngn5	913713034566	872790093935400	HF-S 224-39 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
EL2x49ngn5	280x30x21	EL-ngn5	913713033566	872790090560100	HF-S 249 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
EL2x49ngn5-XL	360x30x21	EL-ngn5	913700690166	871829166779700	HF-S 249 TL5 II HT 220-240V 50/60Hz	360x30x21	HF-Selectalume II
EL2x54ngn5	280x30x21	EL-ngn5	913713033766	872790090562500	HF-S 254 TL5 II 220-240V 50/60Hz	280x30x21	HF-Selectalume II
EL2x54ngn5-XL	360x30x21	EL-ngn5	913700689866	871829165613500	HF-S 254 TL5 II HT 220-240V 50/60Hz	360x30x21	HF-Selectalume II
EL3/4x14ngn5	280x30x21	EL-ngn5	913713033066	872790088335000	HF-S 3/414 TL5 II 220-240V 50/60Hz	280x40x21	HF-Selectalume II
EL3/4x24ngn5	280x30x21	EL-ngn5	913713034666	872790093937800	HF-S 3/424 TL5 II 220-240V 50/60Hz	280x40x21	HF-Selectalume II
EL1x80ngn5	280x30x21	EL-ngn5	913713042266	871829175846400	HF-S 180 TL5/PL-L II 220-240V 50/60Hz	360x30x21	HF-Selectalume II
EL2x80ngn5	360x30x21	EL-ngn5	913713042366	871829175848800	HF-S 280 TL5/PL-L II 220-240V 50/60Hz	425x30x21	HF-Selectalume II
EL1x18ngn	280x30x28	EL-ngn	913713032166	872790090551900	HF-S 118/136 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL1x36ngn	280x30x28	EL-ngn	913713032166	872790090551900	HF-S 118/136 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL1x58ngn	280x30x28	EL-ngn	913713032266	872790089739500	HF-S 158 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL2x18ngn	280x30x28	EL-ngn	913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL2x36ngn	280x30x28	EL-ngn	913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL2x58ngn	280x30x28	EL-ngn	913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL4x18ngn	280x30x28	EL-ngn	913713032666	872790090555700	HF-S 3/418 TL-D II 220-240V 50/60Hz	280x40x28	HF-Selectalume II
EL3/4x18ngn	280x30x21	EL-ngn	913713032666	872790090555700	HF-S 3/418 TL-D II 220-240V 50/60Hz	280x40x28	HF-Selectalume II
EL2x58s	280x30x21	EL-s	913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL1x70s	280x30x21	EL-s	913713032266	872790089739500	HF-S 158 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL2x70s	360x30x21	EL-s	913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL2x36es	280x30x28	EL-es	913713032466	872790090553300	HF-S 218/236 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL2x58es	280x30x28	EL-es	913713032566	872790089746300	HF-S 258 TL-D II 220-240V 50/60Hz	280x30x28	HF-Selectalume II
EL4x18es	280x30x28	EL-es	913713032666	872790090555700	HF-S 3/418 TL-D II 220-240V 50/60Hz	280x40x28	HF-Selectalume II
EL1x18ef	150x40x28	EL-ef	913713038766	871829177056500	HF-E 118 TL-D 220-240 50/60Hz	150x40x28	HF-Essential I
EL1x36ef	150x40x28	EL-ef	913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	150x40x28	HF-Essential II
EL1x58ef	150x40x28	EL-ef	913713040966	871829177064000	HF-E 1/2 58 TL-D II 220-240 50/60Hz	211x40x28	HF-Essential II
EL2x18ef	150x40x28	EL-ef	913713041066	871829177056500	HF-E II 136 TL-D 220-240 50/60Hz	150x40x28	HF-Essential II
EL2x36ef	210x40x30	EL-ef	913713041166	871829177058900	HF-E II 236 TL-D 220-240 50/60Hz	211x40x28	HF-Essential II
EL4x18ef	210x40x30	EL-ef	913713041266	871829177060200	HF-E II 418 TL-D 220-240 50/60Hz	211x40x28	HF-Essential II

# Cross Reference with Helvar

## Electronic dimming ballast for Fluorescent Lamps

Helvar Product Offer			Philips Lighting Product Offer				
Product description	Dimension (mm)	Product family	Product code	EOC	Product description	Dimension (mm)	Product family
EL1x14-35iDim	360x30x21	EL-iDim	913700698366	871829169689600	HF-Ri TD 114/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
EL1x24iDim	360x30x21	EL-iDim	913700698366	871829169689600	HF-Ri TD 114/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
EL1x39iDim	360x30x21	EL-iDim	913700698366	871829169689600	HF-Ri TD 114/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
EL1x49iDim	360x30x21	EL-iDim	913700695666	871829166205100	HF-Ri TD 128/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
EL1x54iDim	360x30x21	EL-iDim	913700695666	871829166205100	HF-Ri TD 128/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
EL1x80iDim	360x30x21	EL-iDim	913700695766	871829166207500	HF-Ri TD 135/49/80 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
EL2x14-35iDim	430x30x21	EL-iDim	913700698466	871829169691900	HF-Ri TD 214/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
EL2x24iDim	430x30x21	EL-iDim	913700698466	871829169691900	HF-Ri TD 214/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
EL2x39iDim	430x30x21	EL-iDim	913700698466	871829169691900	HF-Ri TD 214/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
EL2x49iDim	430x30x21	EL-iDim	913700695866	871829166209900	HF-Ri TD 228/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
EL2x54iDim	430x30x21	EL-iDim	913700695866	871829166209900	HF-Ri TD 228/35/49/54 TL5 E+ 195-240V	360x30x21	HF-Regulator Intelligent Touch DALI
EL2x80iDim	430x30x21	EL-iDim	913700696666	871829166209900	HF-Ri TD 280 TL5/PL-L EII 220-240V	425x30x21	HF-Regulator Intelligent Touch DALI
EL3x14iDim	430x30x21	EL-iDim	913700679066	87182915676500	HF-Ri TD 314/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI
EL4x14iDim	430x30x21	EL-iDim	913700679166	87182915678900	HF-Ri TD 414/24 TL5 E+ 195-240V 50/60Hz	360x39x21	HF-Regulator Intelligent Touch DALI
EL1x36iDim	360x30x21	EL-iDim	913700698366	871829169689600	HF-Ri TD 114/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI
EL2x36iDim	430x30x21	EL-iDim	913700698466	871829169691900	HF-Ri TD 214/24/21/39 TL5 E+ 195-240V 50/60Hz	360x30x21	HF-Regulator Intelligent Touch DALI



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[www.lighting.philips.co.uk/oem-emea/support/technical-downloads.html](http://www.lighting.philips.co.uk/oem-emea/support/technical-downloads.html)

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Data subject to change.