


Helvar ballasts for fluorescent lamps


Lamp type	W	Length (mm)	Cap	Standard electronic ballast	Page	Controllable electronic ballast	Page	Digital DALI electronic ballast	Page	Magnetic Ballast (230V 50Hz)	Page
T5 (FD-H) ø16mm 	4	136	G5							L 8 D L 8 DL ¹⁾	44
	6	212	G5							L 8 D L 8 DL ¹⁾	44
	8	288	G5	EL1/2x9-13TCs						L 8 D L 11 D	44
	13	517	G5							L 13 DL ¹⁾	44
	14	549	G5	EL1x14-35s EL2x14-35s EL3/4x14s EL1x14-35s-u EL2x14-35s-u EL3/4x14s-u	6 7	EL1x14sc EL2x14sc EL4x14sc	18	EL1x14-35iDim EL2x14-35iDim EL3x14iDim EL4x14iDim	26		
	21	849	G5	EL1x14-35s EL2x14-35s EL1x14-35s-u EL2x14-35s-u	6 7	EL1x21sc EL2x21sc	18	EL1x14-35iDim EL2x14-35iDim	26		
	24	549	G5	EL1x24s EL2x24s EL3/4x24s-u	6 7	EL1x24sc EL2x24sc	18	EL1x24iDim EL2x24iDim	26		
	28	1149	G5	EL1x14-35s EL2x14-35s EL1x14-35s-u EL2x14-35s-u	6 7	EL1x28sc EL2x28sc	18	EL1x14-35iDim EL2x14-35iDim	26		
	35	1449	G5	EL1x14-35s EL2x14-35s EL1x14-35s-u EL2x14-35s-u	6 7	EL1x35sc EL2x35sc	18	EL1x14-35iDim EL2x14-35iDim	26		
	39	849	G5	EL1x39/36s EL2x39/36s	6	EL1x39sc EL2x39sc	18	EL1x39iDim EL2x39iDim	26		
	49	1449	G5	EL1x49s EL2x49s EL1x49s-u EL2x49s-u	6 7	EL1x49sc EL2x49sc	18	EL1x49iDim EL2x49iDim	26		
	54	1149	G5	EL1x54s EL2x54s	6	EL1x54sc EL2x54sc	18	EL1x54iDim EL2x54iDim	26		
	80	1449	G5	EL1x80s EL2x80s-u	6 7	EL1x80sc	18	EL1x80iDim	26		

Types printed **BOLD** are ENEC approved combinations. Other combinations mentioned are tested and recommended by Helvar.

Please check CE compatibility and EEL classification from ballast datasheets.

1) Approved to EN 61347-2-8

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T8 (FD-E) ø26mm 	18	590	G13	EL1x18s EL2x18s EL3/4x18s EL3/4x18s-u	8	EL1x18sc EL2x18sc EL4x18sc	19			L 18 A-L L 18 A-K L 2x18 A-L L 2x18 A-T L 20 A-P L 26 TS5 - 100mm L 26 TS5 - 105mm L 18 TLB2 L 18 TL2 L 18 TL3 L 18 TL4	36
				EL1x18ngn EL2x18ngn EL4x18ngn	9						
	36	1200	G13	EL1x36/40/18s EL2x36/40s EL1x36/40s-u EL2x36/40s-u	8	EL1x36sc EL2x36sc	19	EL1x36iDim EL2x36iDim	25	L 36 A-T L 36 A-K L 40 A-L L 40 A-P L 40 A-C L 36 A-TK L 36 TL2 L 36 TL3 L 36 TL4 L 36 TLB2 L 36 TB2-100	36
				EL1x36ngn EL2x36ngn	9						
	58	1500	G13	EL1x58s EL2x58s EL1x58s-u EL2x58s-u	8	EL1x58sc EL2x58sc	19			L 58 TL2 L 58 TL3 L 58 TL4 L 58 TL4 - 220mm L 58 TLB2 -180mm L 58 A-S L 65 A-P L 58 A-K L 58 A-T L 58 A-TK	37
				EL1x58ngn EL2x58ngn	9						
	70	1500	G13	EL1x70s EL2x70s	8	EL1x70sc	19			L 75 A-S ²⁾ L 70 TL4 ¹⁾²⁾	38
	15	450	G13		-		-			L 15 A L 15 A-P L 15 TL3	36
	16	720	G13		-		-			L 16 D L 16 DL	36
	23	970	G13		-		-			L 15 A-P	-
	30	900	G13		-		-			L 30 A L 30 A-P L 30 TL2	36
	36	970		EL1x36/40/18s EL2x36/40s EL1x36/40s-u EL2x36/40s-u	-		-				-
	36-1	970	G13		-		-			L 42 T6	36
38	1047	G13	EL1x36/40/18s EL2x36/40s	-	EL1x36sc EL2x36sc	-			L 36 TL2 L 36 TL4 L 36 TLB2 L 36 A-K L 36 A-T L 40 A-L L 40 A-P L 40 A-C L 36 TB2-100 L 36 TL3 L 36 A-TK	36	

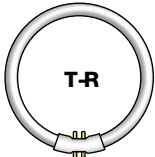
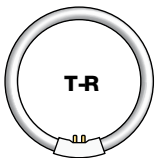
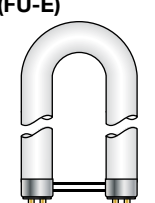
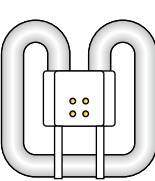
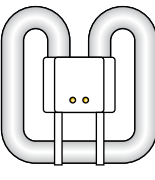
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2) 240V 50Hz

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Lamp type	W	Cap	Standard electronic ballast	Page	Controllable electronic ballast	Page	Digital DALI electronic ballast	Page	Magnetic Ballast (230V 50Hz)	Page
T5 circular 	22	2GX13	EL1/2x18-42TCs	11			EL1/2x18/24iDim-c	29		
	40	2GX13	EL1/2x18-42TCs EL2x32/42TCs¹⁾	11	EL1x39sc EL2x39sc	20	EL1/2x18/24iDim-c	29		
	55	2GX13	EL1x55s	-	EL1x55sc	-				
Circline (FD-E) 	22	G10q							L 30 TL2 L 30 A	43
	32	G10q							L 32 TB2	43
	40	G10q							L 36 TL2 L 36 TL3 L 36 TL4 L 36 TLB2 L 36 A-K L 36 A-T L40 A-L L40 A-P L40 A-C L 36 TB2-100 L 36 A-TK	-
Mod-U-line (FU-E) 	40	G13		-					L 36 TL2 L 36 TL3 L 36 TL4 L 36 TLB2 L 36 TB2-100 L40 A-L L40 A-P L40 A-C L 36 A-K L 36 A-T L 36 A-TK	-
TC-DD 2D-lamp GR8, for magnetic ballast only GR10q, for electronic ballast or magnetic with external starter  	10	GR10q	EL1/2x9-13TCs	11						
	16	GR8, GR10q	EL1/2x9-13TCs	11					L16 D ²⁾ L16 DL	43
	21	GR8, GR10q	EL1/2x18-42TCs	11					L18 TL2 L18 TL3 L18 TLB2 L20 A-P L18 A-L L18 A-K L18 TL4	43
	28	GR8, GR10q	EL1/2x18-42TCs	11					L36 TL2 L36 TL3 L36 TL4 L36 TLB2 L36 TB2-100 L40 A-P L40 A-C L36 A-K L36 A-T L36 A-TK	43
	38	GR8, GR10q	EL1/2x36/38TCs	11						


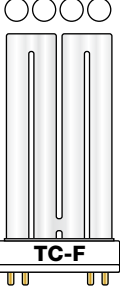
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1) For a combination of one 22W and one 40W circular lamp

2) GR8 not ENEC approved

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Lamp type	W	Cap	Standard electronic ballast	Page	Controllable electronic ballast	Page	Digital DALI electronic ballast	Page	Magnetic Ballast (230V 50Hz)	Page	
TC-L (FSD-E) 	18	2G11	EL1/2x18-42TCs	11			EL1/2x18/24iDim-c	29	L26 TS5-100mm L26 TS5-105mm L18 TL2 L18 TL3 L18 TL4 L18 TLB2 L20 A-P L18 A-K L18 A-L	38	
			EL1x36/40/18s EL1x36/40s-u	10							
	24	2G11	EL1/2x18-42TCs	11		EL1x24sc EL2x24sc	20	EL1x24iDim EL2x24iDim EL1/2x18/24iDim-c	28 29	L26 TS5-100mm L26 TS5-105mm L18 TL2 L18 TL3 L18 TL4 L18 TLB2 L20 A-P L18 A-K L18 A-L	38
			EL1x24s EL2x24s EL3/4x24s-u	10							
	28	2Gx11						EL2x14-35iDim ¹⁾			
	36	2G11	EL1x39/36s EL2x39/36s	10	EL1x36sc EL2x36sc	20	EL1x36iDim EL2x36iDim	28	L36 TL2 L36 TL3 L36 TL4 L36 TLB2 L36 TB2-100 L40 A-P L40 A-C L36 A-T L36 A-K L36 A-TK	38	
			EL1/2x36/38TCs EL1/2x18-42TCs	11							
40	2G11	EL1x36/40/18s EL1x36/40s-u EL2x36/40s EL2x36/40s-u	10	EL1x39sc EL2x39sc	-	EL1x39iDim EL2x39iDim					
		EL1/2x18-42TCs	11								
55	2G11	EL1x55s EL2x55s	10	EL1x55sc EL2x55sc	20	EL1x55iDim EL2x55iDim	28				
80	2G11	EL1x80s EL2x80s-u	10	EL1x80sc	20	EL1x80iDim	28				
TC-F (FSS-E) 	18	2G10	EL1/2x18-42TCs	11			EL1/2x18/24iDim-c	29	L18 TL2 L18 TL3 L18 TL4 L20 A-P L18 A-L L18 A-K L18 TLB2	-	
			EL1x36/40/18s EL1x36/40s-u	10							
	24	2G10	EL1/2x18-42TCs	11			EL1/2x18/24iDim-c	29	L18 TL2 L18 TL3 L18 TL4 L26 TS5-100mm L26 TS5-105mm L20 A-P L18 A-L L18 TLB2 L18 A-K		
36	2G10	EL1x39/36s EL2x39/36s	10	EL1x36sc EL2x36sc	20	EL1x36iDim EL2x36iDim		L36 TL2 L36 TL3 L36 TL4 L36 TLB2 L36 TB2-100 L36 A-T L36 A-TK L36 A-K L40 A-P L40 A-C			
		EL1/2x36/38TCs EL1/2x18-42TCs	11								

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1) Dimming range 3-100%

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TC-S 	FSD-I	5	G23					L11 D L11 DL ¹⁾	44
		7	G23					L11 D L11 DL ¹⁾	44
		9	G23					L11 D L11 DL ¹⁾	44
		11	G23					L11 D L11 DL ¹⁾	44
TC-SE 	FSD-E	9	2G7	EL1/2x9-13TCs	11				
		11	2G7	EL1/2x9-13TCs	11				
TC-D 	FSQ-I	10	G24d-1					L13 D L13 DL ¹⁾	43
		13	G24d-1					L13 D L13 DL ¹⁾	43
		18	G24d-2					L18 D L18 TLD-100mm L18 DL	43
		26	G24d-3					L18 TL2 L20 A-P L18 TL3 L18 A-L L26 S-100mm L18 A-K L26 TS5-105mm L18 TL4 L26 TS5-100mm L18 TLB2	43
TC-DE 	FSQ-E	10	G24q-1	EL1/2x9-13TCs	12				
		13	G24q-1	EL1/2x9-13TCs	12				
		18	G24q-2	EL1/2x18TCs	12	EL1/2x18iDim-c	29		
		26	G24q-3	EL1/2x18-42TCs EL2x32/42TCs	12	EL1/2x26-42iDim-c EL2x26-42iDim-c	29		
TC-T 	FSM-I	18	GX24d-2					L18 D L18 TLD-100mm	-
		26	GX24d-3					L18 TL2 L18 TL3 L26 TS5-105mm L26 TS5-100mm	- - -
TC-TE 	FSM-E	13	GX24q-1	EL1/2x9-13TCs	13				
		18	GX24q-2	EL1/2x18TCs	13	EL1/2x18iDim-c	29		
		26	GX24q-3	EL1/2x18-42TCs EL2x32/42TCs	13	EL1/2x26-42iDim-c EL2x26-42iDim-c	29		
		32	GX24q-3	EL1/2x18-42TCs EL2x32/42TCs	13	EL1/2x26-42iDim-c EL2x26-42iDim-c	29		
		42	GX24q-4	EL1/2x18-42TCs EL2x32/42TCs	13	EL1/2x26-42iDim-c EL2x26-42iDim-c	29		
		57	GX24q-4	EL1/2x18-42TCs	13				
PL-R		14	GR14q-1	EL1/2x14/17TCs	12				
		17	GR14q-1	EL1/2x14/17TCs	12				

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