

# **Canadian Ballast Quick Reference Guide**

**GUIDE CANADIEN  
POUR SÉLECTION  
RAPIDE DE BALLASTS**



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No. of Lamps	Lamp	Input Volts	Catalog Nbr	Ballast Family	Start Type	Line Current (Amps)	Input Power (Watts)	Ballast Factor	Also Operates				
									F25T8	F17T8	F40T8	F32T8ES	F28T8
Nbr. de lampes	Lampe	Tension (V)	No de catalogue	Famille de ballasts	Type d'amorçage	Indice de tension (A)	Puissance (W)	Facteur ballast	Options d'utilisation				
									F25T8	F17T8	F40T8	F32T8ES	F28T8
<b>F32T8 &amp; F32T8/U</b>													
1	F32T8 & F32T8/U	120	B132I120RHA	Std Electronic	IS	0.26	31	0.88	X	X	X		
		347	B132I347RH	Std Electronic	IS	0.09	31	0.88	X	X	X	X	X
		120-277	B132IUNVHP-B	HP Electronic	IS	0.26 - 0.12	31	0.88	X	X	X		
			B132IUNVEL-A	ULTim8	IS	0.22 - 0.11	25	0.77	X	X	X	X	X
			B132IUNVHE-A	ULTim8	IS	0.24 - 0.12	28	0.87	X	X	X	X	X
B132PUNVHP-A	Accustart T8	PRS	0.26 - 0.11	31 - 30	0.88	X	X		X				
2	F32T8 & F32T8/U	120	B232I120L-A	Low Power	IS	0.44	51	0.78	X	X	X		
			B232I120RH-A	Std Electronic	IS	0.49	58	0.88	X	X	X		
			B232I120RHH-A	High Light	IS	0.66	77	1.18				X	
			B232I120EL	ULTim8	IS	0.40	47	0.77	X	X		X	X
			B232I120HE	ULTim8	IS	0.45	54	0.87	X	X		X	X
		347	B232I347L-A	Low Power	IS	0.51	51	0.78	X	X	X	X	X
			B232I347RH-A	Std Electronic	IS	0.17	58	0.88	X	X	X	X	X
			B232I347HPL	HP Low Power	IS	0.14	50	0.78	X	X	X		
		B232I347HP-A	HP Electronic	IS	0.17	58	0.88	X	X	X	X	X	
		120-277	B232IUNVHEH-A	ULTim8	IS	0.62 - 0.26	74 - 73	1.18	X	X	X	X	X
			B232PUNVHE-A	ULTim8	PRS	0.47 - 0.20	56 - 55	0.88	X	X	X	X	X
B232PUNVEL-A	ULTim8		PRS	0.40 - 0.17	47 - 46	0.71	X	X	X	X	X		
3	F32T8 & F32T8/U	120	B332I120L-A	Low Power	IS	0.65	76	0.78	X	X	X		
			B332I120RH-A	Std Electronic	IS	0.75	86	0.88	X	X	X		
			B332I120RHH	High Light	IS	0.98	113	1.18					
			B332I120EL	ULTim8	IS	0.59	70	0.77	X	X		X	X
			B332I120HE	ULTim8	IS	0.67	80	0.87	X	X		X	X
		347	B332I347	Low Power	IS	0.21	75	0.79	X	X	X		
			B332I347RH	Std Electronic	IS	0.25	85	0.88	X	X			
			B332I347HPL	HP Low Power	IS	0.21	75	0.79	X	X	X		
		B332I347HP	HP Electronic	IS	0.25	88	0.88	X	X				
		120-277	B332IUNVHP-A	HP Electronic	IS	0.72 - 0.31	86 - 84	0.88	X	X	X		
			B332IUNVHE-A	ULTim8	IS	0.70 - 0.30	83 - 81	0.87	X	X	X	X	X
			B332IUNVEL-A	ULTim8	IS	0.61 - 0.26	74 - 73	0.77	X	X	X	X	X
			B332PUNHP-A	Accustart T8	PRS	0.77 - 0.34	92 - 90	0.88	X	X		X	
B332IUNVHEH-A	ULTim8		IS	0.91 - 0.39	111 - 108	1.18	X	X	X	X	X		
B332IHRVHB-E	ULTim8	HB	0.32 - 0.24	110 - 109	1.18				X	X			
<b>F32T8 &amp; F32T8/U</b>													
4	F32T8 & F32T8/U	120	B432I120L-A	Low Power	IS	0.85	100	0.78	X	X	X		
			B432I120RH-A	Std Electronic	IS	0.93	112	0.88	X	X	X		
			B432I120EL	ULTim8	IS	0.81	95	0.77	X	X		X	X
			B432I120HE	ULTim8	IS	0.90	106	0.87	X	X		X	X
		347	B432I347L	Low Power	IS	0.29	101	0.78	X	X	X		
			B432I347RH	Std Electronic	IS	0.33	114	0.88	X	X			
			B432I347HPL	HP Low Power	IS	0.29	101	0.78	X	X	X		
		B432I347HP	HP Electronic	IS	0.33	114	0.88	X	X				
		120-277	B432IUNVHP-A	HP Electronic	IS	0.93 - 0.40	112 - 100	0.88	X	X	X		
			B432IUNVEL-A	ULTim8	IS	0.80 - 0.34	97 - 96	0.77	X	X	X	X	X
			B432IUNVHE-A	ULTim8	IS	0.91 - 0.38	109 - 106	0.87	X	X	X	X	X
B432PUNVHP-A	Accustart T8		PRS	1.00 - 0.42	119 - 115	0.88	X	X		X	X		

T8 & T8HO

No. of Lamps	Lamp	Input Volts	Catalog Nbr	Ballast Family	Start Type	Line Current (Amps)	Input Power (Watts)	Ballast Factor	Also Operates		
									F96T8ES	F72T8	F48T8
Nbr. de lampes	Lampe	Tension (V)	No de catalogue	Famille de ballasts	Type d'amorçage	Indice de tension (A)	Puissance (W)	Facteur ballast	Options d'utilisation		
									F96T8ES	F72T8	F48T8
<b>F96T8</b>											
1	F96T8	120	B159I120RH	Std Electronic	IS	0.52	58	0.88			
2	F96T8	120	B259I120RH	Std Electronic	IS	0.95	112	0.88			
			B259I120RHH	High Light	IS	1.30	150	1.18	X		
			B259I120HPL	HP Low Power	IS	0.84	100	0.78			
			B259I120HE	ULTim8	IS	0.92	108	0.88	X	X	X
		347	B259I347HP	HP Electronic	IS	0.33	113	0.89			
		120-277	B259IUNVHP-A	HP Electronic	IS	0.95 - 0.40	113 - 110	0.88			
<b>T8HO</b>									<b>F48T8HO</b>	<b>F60T8HO</b>	<b>F72T8HO</b>
1	F96T8HO	120	B286I120RH	Std Electronic	IS	0.79	92	0.96	X	X	X
		277	B286I277RH	Std Electronic	IS	0.32	87	0.93	X	X	X
2	F96T8HO	120	B286I120RH	Std Electronic	IS	1.30	151	0.81	X	X	X
		277	B286I277RH	Std Electronic	IS	0.53	144	0.81	X	X	X

T12

No. of Lamps	Lamp	Input Volts	Catalog Nbr	Ballast Family	Start Type	Standard Lamps			Energy Saving Lamps		
						Line Current (Amps)	Input Power (Watts)	Ballast Factor	Line Current (Amps)	Input Power (Watts)	Ballast Factor
Nbr. de lampes	Lampe	Tension (V)	No de catalogue	Famille de ballasts	Type d'amorçage	Lampes Standard			Lampes Écoénergétiques		
						Indice de tension (A)	Puissance (W)	Facteur ballast	Indice de tension (A)	Puissance (W)	Facteur ballast
<b>F40T12 &amp; F40T12/U</b>											
1	F40T12	120	B140R120HP	HP Electronic	RS	0.33	39	0.88	0.28	33	0.86
1	F40T12/U	347	B140R120HP	HP Electronic	RS	0.33	39	0.88	0.28	33	0.86
2	F40T12	120	B234SR120M-A	Basic-12 Electronic	RS	0.63	71	0.90	0.49	59	0.86
			B240R120HP	HP Electronic	RS	0.65	75	0.88	0.54	64	0.86
<b>F40T12 &amp; F40T12/U</b>											
1	F48T12	120-277	B260IUNVHP	HP Electronic	IS	0.39	47	1.10	0.32	38	1.10
2	F48T12	120-277	B260IUNV	HP Electronic	IS	0.61	0.75	0.95	0.57	67	0.93
1	F96T12	120-277	B260IUNV	HP Electronic	IS	0.70	85	1.05	0.59	72	1.03
2	F96T12	120-277	B260IUNV	HP Electronic	IS	1.16	139	0.88	0.96	112	0.88

T5: STD & HO

No. of Lamps	Lamp	Input Volts	Catalog Nbr	Ballast Family	Start Type	Standard Lamps			Also Operates		
						Line Current (Amps)	Input Power (Watts)	Ballast Factor	F54T5HO	F24T5HO	F39T5HO
Nbr. de lampes	Lampe	Tension (V)	No de catalogue	Famille de ballasts	Type d'amorçage	Lampes Standard			Options d'utilisation		
						Indice de tension (A)	Puissance (W)	Facteur ballast	F54T5HO	F24T5HO	F39T5HO
<b>F28T5</b>											
1	F28T5	120-277	B228PUNV-C	Accustart T5	PRS	0.28 - 0.12	33	1.00	X	X	X
2	F28T5	120-277	B228PUNV-C	Accustart T5	PRS	0.55 - 0.23	66 - 64	1.00	X	X	X
<b>F54T5HO</b>									<b>F24T5HO</b>	<b>FT36W/2G11</b>	
1	F54T5HO	120-277	B254PUNV-D	Accustart T5	PRS	0.32 - 0.18	47	1.02	X	X	
		347	B254P347-D	Accustart T6	PRS	0.75 - 0.39	89 - 88	1.00	X	X	
		347-480	B254PHRVHB-E	Accustart T5	PRS	0.19 - 0.15	66	1.02	X	X	
2	F54T5HO	120-277	B254PUNV-D	Accustart T5	PRS	1.03 - 0.43	120 - 117	1.00	X	X	
		347	B254P347-D	Accustart T6	PRS	0.35	120	1.00	X	X	
		347-480	B254PHRVHB-E	Accustart T5	PRS	0.35 - 0.26	120 - 119	1.00	X	X	
4	F54T5HO	120 - 277	B454PUNV-E	Accustart T5	PRS	2.01 - 0.86	240 - 234	1.00	X	X	

# LONG TWIN T5

No. of Lamps	Lamp	Input Volts	Catalog Nbr	Ballast Family	Start Type	Standard Lamps			Also Operates		
						Line Current (Amps)	Input Power (Watts)	Ballast Factor	F54T5HO	F24T5HO	F39T5HO
Nbr. de lampes	Lampe	Tension (V)	No de catalogue	Famille de ballasts	Type d'amorçage	Lampes Standard			Options d'utilisation		
						Indice de tension (A)	Puissance (W)	Facteur ballast	F54T5HO	F24T5HO	F39T5HO
1/2	FT24W/2G11	120-277	B224PUNV-C	Accustart T5	PRS	0.23 - 0.10	27	1.02		X	X
1	FT36W/2G11	120-277	B224PUNV-C	Accustart T5	PRS	0.30 - 0.13	36	0.90		X	X
			B254PUNV-D	Accustart T5	PRS	0.37 - 0.18	45	1.22	X		
2	FT36W/2G11	120-277	B239PUNV-D	Accustart T5	PRS	0.59 - 0.26	71 - 70	0.94			
			B254PUNV-D	Accustart T5	PRS	0.73 - 0.30	87	1.20			
1	FT40W/2G11	120	C240SI120RH	Std Electronic	IS	0.40	40	1.02			
		120-277	C240PUNVHP-B	HP Electronic	PRS	0.34 - 0.15	41 - 40	1.00			
2	FT40W/2G11	120	C240SI120RH	Std Electronic	IS	0.61	67	0.88			
		120-277	C240PUNVHP-B	HP Electronic	PRS	0.63 - 0.27	76 - 73	0.90			
3	FT40W/2G11	120	C340SI120RH	Std Electronic	IS	0.88	98	0.88			
		277	C340SI277RH	Std Electronic	IS	0.39	98	0.88			

# COMPACT

Lamp	Input Volts	Catalog Nbr	Ballast Family	Start Type	One Lamp			Two Lamp		
					Line Current (Amps)	Input Power (Watts)	Ballast Factor	Line Current (Amps)	Input Power (Watts)	Ballast Factor
Lampe	Tension (V)	No de catalogue	Famille de ballasts	Type d'amorçage	Une Lampe			Deux Lampes		
					Courant linéaire (A)	Puissance (W)	Facteur ballast	Courant linéaire (A)	Puissance (W)	Facteur ballast
13W 4-Pin	120-277	C213UNVME/BE/SE/BES	CF Electronic	PRS	0.15 - 0.07	18	1.00	0.26 - 0.11	30	1.00
	347	C213/347SE/BE/BES	CF Electronic	PRS	0.06	18	1.00	0.10	33	0.98
18W 4-Pin	120-277	C218UNVME/BE/SE/BES	CF Electronic	PRS	0.16 - 0.07	19	1.00	0.30 - 0.13	35	0.95
	347	C218/347SE/BE/BES	CF Electronic	PRS	0.06	21	1.00	0.11	38	0.98
26W 4-Pin	120-277	C242UNVBE/SE/BES	CF Electronic	PRS	-	-	-	0.46 - 0.20	56 - 55	1.02
		C2642UNVME/BE/SE/BES	CF Electronic	PRS	0.25 - 0.11	28	1.02	0.47 - 0.21	56	0.98
	347	C242/347BE/SE/BES	CF Electronic	PRS	-	-	-	0.14	44	1.02
		C2642/347BE/SE/BES	CF Electronic	PRS	0.09	31	1.02	0.17	57	0.98
32W	120-277	C242UNVBE/SE/BES	CF Electronic	PRS	-	-	-	0.58 - 0.26	69 - 67	1.00
		C2642UNVME/BE/SE/BES	CF Electronic	PRS	0.30 - 0.13	36	1.00	-	-	-
	347	C242/347BE/SE/BES	CF Electronic	PRS	-	-	-	0.19	62	1.00
		C2642/347BE/SE/BES	CF Electronic	PRS	0.11	36	0.98	-	-	-
42W	120-277	C242UNVBE/SE/BES	CF Electronic	PRS	0.40 - 0.18	45	1.00	0.76 - 0.32	91 - 90	0.98
		C2642UNVME/BE/SE/BES	CF Electronic	PRS	0.41 - 0.18	48	0.98	-	-	-
	347	C242/347BE/SE/BES	CF Electronic	PRS	0.13	42	1.00	0.25	80	0.98
		C2642/347BE/SE/BES	CF Electronic	PRS	0.15	50	1.00	-	-	-
57W	120-277	C242UNVBE/SE/BES	CF Electronic	PRS	0.52 - 0.21	58 - 57	1.00	-	-	-
	347	C242/347BE/SE/BES	CF Electronic	PRS	0.18	61.00	1.00	-	-	-
70W	120-277	C242UNVBE/SE/BES	CF Electronic	PRS	0.61 - 0.27	73 - 72	1.00	-	-	-
	347	C242/347BE/SE/BES	CF Electronic	PRS	0.21	74.00	1.00	-	-	-

Suffix: P - Side Lead Exit  
SE - Side Exit Terminals  
BE - Bottom Exit Terminal

PBES - Bottom Lead Exit with Studs  
BES - Bottom Exit with Studs  
ME - Side and Bottom Exit Terminals

Suffixes: P - Fils de sortie latérale  
SE - Bornes de sortie latérale  
BE - Bornes de sortie inférieure

PBES - Fils de sortie inférieure avec vis  
BES - Bornes pour fils de sortie inférieure avec vis  
ME - Bornes de sortie latérale et inférieure

# CFL MULTI-E KIT

## Fits virtually every j-box cover and fixture application

The Multi-Exit ballast lead wire connection accommodate side and bottom lead exit requirements, and the Snap mount adapter plate adds bottom-exit studs and additional flexibility for replacement of older magnetic ballasts.

## S'ajuste à virtuellement à tous les couvercles des boîtes de jonction et les luminaires

Le jeu de fils pour ballasts à sorties multiples s'utilise aussi bien par le côté que par le dessous, tandis que la plaque de raccord montée par enclenchement est munie de vis de sorties par le dessous offrant ainsi plus de flexibilité lors du changement des ballasts magnétiques moins récents.

## Multi-E Kit Products:

- C213UNVME000K
- C218UNVME000K
- C2642UNVME000K

## Multi-E Kits Contain:

- Multi-Exit Ballast
- Snap-mount adapter plate
- Lead wire set
- Wire extraction tool
- Instructions

## Trousses Multi-E:

- C213UNVME000K
- C218UNVME000K
- C2642UNVME000K

## Contenu de la trousse Multi-E:

- Ballast à sorties multiples
- Plaque de raccord montée par enclenchement
- Jeu de fils de sortie
- Outil pour l'extraction des fils
- Fiche d'instructions

# HID

Lamp Type	Lamp Watts	ANSI Code	Input Volts	Catalog Nbr	Circuit Type	Input Power (Watts)	Max. Input Current
Type de Lampe	Puissance lampe (W)	Code ANSI	Tension (V)	No de catalogue	Type de circuit	Puissance (W)	Courant d'entrée max.
High Pressure Sodium Sodium à haute pression	35W	S76	120	S3512ORCEM000K	Reactor	44	0.85/0.63
	50W	S68	120	S5012ORCEM000K	Reactor	60	1.12/0.90
			120/208/240/277	S50MLTLC3M500K	HX-HPF	66	1.24/0.60/0.52/0.45
	70W	S62	120	S7012ORCEM000K	Reactor	80	1.60/0.90/1.30
			120/277/347	S70TRILC3M502K	HX-HPF	94	1.50/0.65/0.50
	100W	S54	120	S10012ORCEM000K	Reactor	115	2.24/1.81
			120/277/347	S100TRILC3M502K	HX-HPF	130	2.20/0.95/0.69
	150W	S55	120	S15012ORCEM000K	Reactor	168	4.40/2.35
			120/277/347	S150TRILC3M502K	HX-HPF	188	3.00/1.35/1.00
200W	S66	120/277/347	S200TRIAC4M500K	CWA	233	2.00/0.86/0.68	
250W	S50	120/277/347	S250TRIAC4M502K	CWA	300	2.50/1.20/1.00	
400W	S51	120/277/347	S400TRIAC4M502K	CWA	465	3.98/1.30/1.35	
			S400TRIAC5M502K	CWA	467	3.90/1.70/1.35	
1000W	S52	120/277/347	S1000TRIAC5M502K	CWA	1100	9.60/4.30/3.40	
Metal Halide Halogénures métalliques	39W	M130	120/277/347	M35TRILC3M502K	HX-HPF	54	0.84/0.40/0.30
			120	1120-251A-TC (120V)	F-Can	55	0.50
	50W	M110	120/277	11210-236C-TC	F-Can	70	0.64/0.65
			120/277/347	M50TRILC3M502K			
	70W	M85	120/277	11210-277C-TC	F-Can	98	2.00/0.90
			M85 (double ended)	120/208/240/277	M70MLTL3D500K	HX-HPF	95
		M98	120/347	11210-554C-TC	F-Can	90	2.00/0.80
			120/277	11210-506C-TC	F-Can	90	2.00/0.90
	100W	M90	120/347	M70TRILC3M502K	HX-HPF	95	1.70/0.78/0.60
			120/277/347	11210-606C-TC	F-Can	125	2.20/0.70
			120/277	11210-239C-TC	F-Can	125	2.20/1.00
	150W	M102	120/277/347	M100TRILC3M502K	HX-HPF	125	2.50/1.10/0.90
			120/277	1110-539C-TC	F-Can	185	3.70/1.60
	150W	M102 or M142	120/208/240/277	M150TRILC3M502K	HX-HPF	185	3.32/1.48/0.65
			120/347	1110-564C-TC	F-Can	205	1.75/0.62
175W	M57 or H39	120/277	1110-246SC-TC	F-Can	206	1.75/0.75	
		120/277/347	M175TRIAC30502K	CWA	211	2.15/0.95/0.75	
		120/347	1110-566C-TC	F-Can	295	2.50/0.95	
250W	M58 or H37	120/277	1110-246SC-TC	F-Can	295	2.50/1.10	
		120/277/347	M250TRIAC3M	CWA	295	2.78/1.30/1.05	
		120/277/347	M250TRIAC3M502K	CWA	295	2.88/1.30/1.05	
		120/277/347	M250TRIAC4M502K	CWA	280	3.05/1.25/1.05	
		120/347	1110-568C-TC	F-Can	460	3.90/1.30	
400W	M59 or H33	120/277	1110-247SC-TC	F-Can	455	3.90/1.70	
		120/277/347	M400TRIAC4M502K	CWA	455	4.22/1.67/1.44	
		120/277/347	M1000TRIAC5M502K	CWA	1080	9.00/3.90/3.20	
1000W	M47 or H36	120/277/347	M1000TRIAC5M502K	CWA	1080	9.00/3.90/3.20	
1500W	M48	120/277/347	M1500TRIAC5M502K	CWA	1610	13.70/6.00/4.70	
Pulse Start Metal Halide Halogénures métalliques	175W	M137 or M152	120/277/347	P175TRIAC3M502K	CWA	208	1.84/0.79/0.63
	200W	M136	120/277/347	P200TRIAC3M502K	CWA	240	2.70/1.04/0.87
	250W	M138 or M153	120/277/347	P250TRIAC4M502K	CWA	300	2.61/1.28/1.09
	320W	M132 or M154	120/277/347	P320TRIAC4M502K	CWA	370	4.50/2.00/1.50
	350W	M131	120/277/347	P350TRIAC4M502K	CWA	405	4.00/2.00/1.50
	400W	M135 or M155	120/277/347	P400TRIAC4M502K	CWA	457	4.40/2.01/1.52
	750W	M149	120/277/347	P750TRIAC5M502K	CWA	820	7.05/3.05/2.35

**High Pressure Sodium Ignitors**

	<b>Catalog Numbers</b>
For Lamps of 150W or less except 150W S56	HPS 150-3A
For lamps from 200W - 400W and 150W S56 w/ CWA Ballasts	HPS 400-3A
For 1000W HPS and Pulse Start Metal Halide Lamps	HPS 1000-4B

**Igniteurs à haute pression sodium**

	<b>No de catalogue</b>
Pour lampes de 150W ou moins, sauf pour 150W S56	HPS 150-3A
Pour lampes de 200W à 400W et de 150W S56 et/ ballasts CWA	HPS 400-3A
Pour lampes de 1000W HPS et aux halogénures métalliques à impulsion	HPS 1000-4B

**Metal Halide Ignitors**

For 35W to 150W, M130, M110, M98, M90, M92, and M102 Lamps	MH 100-3A
For 175W to 400W, M137, M136, M138, M132, M131, and M135 Lamps	MH 350-1A

**Igniteurs aux halogénures métalliques**

Pour lampes de 35W à 150W, M130, M110, M98, M90, M92, et M102	MH 100-3A
Pour lampes de 175W à 400W, M137, M136, M138 M132, M131 et M135	MH 350-1A

**UNIVERSAL SIGN (ENSEIGNE UNIVERSAL)**

No. of Lamps	Total Lamp Footage (T12HO Style Lamps)		Catalog Number
	Minimum	Maximum	
Nbr. de lampes	Longueur total lampe (Lampes style T12HO)		No de catalogue
	Minimum	Maximum	
1 - 2	4'	12'	USB-0412-12
1 - 4	8'	16'	USB-0816-14
1 - 4	10'	24'	USB-1024-14
2 - 4	16'	32'	USB-1632-24
4 - 6	20'	36'	USB-2036-46
4 - 6	20'	48'	USB-2048-46

**MAX-3 SERIES UNIVERSAL SIGN (ENSEIGNE UNIVERSAL SERIE MAX-3)**

No. of Lamps	Total Lamp Footage (T12HO Style Lamps)		Catalog Number
	Minimum	Maximum	
Nbr. de lampes	Longueur total lampe (Lampes style T12HO)		No de catalogue
	Minimum	Maximum	
1 - 6	2'	18'	USB-0218-16
1 - 6	12'	32'	USB-1232-16
1 - 6	10'	48'	USB-1048-16

**ELECTRONIC SIGN (ENSEIGNE ÉLECTRONIQUE)**

No. of Lamps	Total Lamp Footage (T12HO & T8HO Style Lamps)		Catalog Number
	Minimum	Maximum	
Nbr. de lampes	Longueur total lampe (Lampes style T12HO & T8HO)		No de catalogue
	Minimum	Maximum	
1 - 2	2'	16'	ESB216-12
1 - 4	4'	32'	ESB432-14
4 - 6	8'	48'	ESB848-46
1 - 4	10'	40'	ESB1040-14