

## SHUTTLE DIMMERS LAMP COMPATIBILITY & MAXIMUM LAMP LOADS – Version: NOVEMBER 2024

### Shuttle 1.8kVA Rotary 1-10V Dimmer (SDIMR-1-10V-1800VA)

LAMP/DRIVER BRAND	LAMP/DRIVER MODEL and WATTAGE	DRIVER	DIMMING MODE	MAXIMUM NUMBER OF LAMPS/FITTINGS	
				1 – 10V Control Port	Mains Switch
Any Brand	Any 1-10V (or 3-in-1 dim compatible) Model and Wattage	Internal or External	1-10V	1 – 100	1800VA (8 Amp)

Use an external contactor wired via the 1-10V dimmer's mains switch for loads in excess of 1.8kVA or when exceeding the integrated non-replaceable fuse's 370 A<sup>2</sup>s rating

### Shuttle 96W Bell-Press DC Dimmer (DC-LED-96W)

LAMP BRAND	DRIVER MODEL and WATTAGE	DRIVER	DIMMING MODE	MAXIMUM LOAD
				12-48V DC operation
Any 12-48V LED Strip	Any 12VDC, 24VDC or 48VDC constant voltage PSU	Internal or External	PWM	96W (12V/8A, 24V/4A, 48V/2A)

Compatible with other low voltage lamps that are PWM dimmable. Power supply must be IEC 61347 compliant

### Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )

Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
1	ACDC Dynamics	TP-DC-10W E27	10.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 38
2	ACDC Dynamics	DIM-R68-8W-CW E27	8.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 65	1 - 115
3	ACDC Dynamics	DIM-R68-8W-WW E27	8.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 65	1 - 115
4	ACDC Dynamics	DIM-A60-S10W-E27-CW	10.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
5	ACDC Dynamics	BF-T45-S E27 Filament	2.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
6	ACDC Dynamics	GL-P12WA-CW Panel Light	12.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
7	ACDC Dynamics	DIM-R50-6W-CW	6.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
8	ACDC Dynamics	AS-C35-ST E14 Filament	2.0	Internal	Trailing Edge	1 - 28	1 - 48	1 - 53	1 - 103	1 - 182
9	ACDC Dynamics	BF-C35-Q Filament Lamp (candle)	2.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
10	ACDC Dynamics	BF-C35-Q Decor Lamp (candle)	2.0	Internal	Trailing Edge	1 - 23	1 - 40	1 - 44	1 - 85	1 - 151

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
11	ACDC Dynamics	LEDA35E-WW	4.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
12	ACDC Dynamics	DIM-MS-GU10-5W-CW	5.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 65	1 - 115
13	ACDC Dynamics	DIM-KL-GU10-7W-CW	7.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
14	ACDC Dynamics	LCM8106-60DIM-WW PAR38	18.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 31
15	ACDC Dynamics	LCM8106-60DIM-CW PAR38	18.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 13	1 - 23
16	ACDC Dynamics	DIM-PAR30-12W-CW	12.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 20
17	ACDC Dynamics	LCM8106-160DIM-CW PAR38	18.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 13	1 - 23
18	ACDC Dynamics	DIM-PAR20-10W-CW	10.0	Internal	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 16	1 - 29
19	ACDC Dynamics	LEDC35E-E27-CW Candle	3.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
20	ACDC Dynamics	LEDC35E-E27 (Candle)	3.5	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 98
21	ACDC Dynamics	LEDC212-CW	3.0	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
22	ACDC Dynamics	DIM-GU10-35-60-CW	4.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
23	ACDC Dynamics	DIM-GU10-5W-CW (1x sample)	5.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 17
24	ACDC Dynamics	DIM-KL-MR16-7W-CW	7.0	External (LW70)	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
25	ACDC Dynamics	DIM-MR16-GW-CW	4.0	External (LW70)	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 65	1 - 115
26	ACDC Dynamics	DIM-MR16-35-60-DL	4.0	External (LW70)	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
27	ACDC Dynamics	DIM-MR16-35-60-CW	4.0	External (LW70)	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
28	ACDC Dynamics	DIM-MR16-35-60-CW-230	4.0	External (LW70)	Trailing Edge	1 - 35	1 - 60	1 - 67	1 - 130	1 - 231
29	ACDC Dynamics	DIM-GU10-5W-DL-5Y	5.0	Internal	Trailing Edge	2 - 13	2 - 23	2 - 25	2 - 48	2 - 86
30	ACDC Dynamics	TP-DL-10W E27	10.0	Internal	Leading Edge	1 - 3	1 - 5	1 - 5	1 - 10	1 - 18
31	ACDC Dynamics	G9 Lamp DIM-G9-3W-CW/2	3.0	Internal	Trailing Edge	1 - 27	1 - 47	1 - 52	1 - 102	1 - 181
32	ACDC Dynamics	HI-015-12W	12.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
33	ACDC Dynamics	Candle Lamp LEDC35L-E14-CW	5.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 111
34	ALT LED (Aeon)	T8 Tube V4 T03RNP23ES-19	22.5	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 20
35	ALT LED (Aeon)	T8 Tube V4 T03RNP46ES-19	46.0	Internal	Trailing Edge	1 - 2	1 - 3	1 - 3	1 - 7	1 - 12
36	ALT LED (Aeon)	V2.5 GU10/GZ10	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
37	ALT LED (Aeon)	MR16 7W	7.0	Pharox Transformer	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
38	AL TSA	TL DL 610W 40KC	10.0	AL TSA 300mA driver	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
39	ALTSA	TL DL 630W 40KC	30.0	ALTSA 750mA driver	Trailing Edge	1 - 2	1 - 3	1 - 3	1 - 7	1 - 13
40	Apollo	TSL91E164D A80 (E27)	7.0	Internal	Trailing Edge	2 - 7	2 - 12	2 - 13	2 - 27	2 - 48
41	Apollo	TSL91E165D A80 (E27)	10.0	Internal	Trailing Edge	2 - 6	2 - 11	2 - 12	2 - 24	2 - 43
42	Applo	DIM MR16 GU10	5.0	Internal	Trailing Edge	2 - 14	2 - 23	2 - 26	2 - 51	2 - 91
43	Applo	GU10 5W	5.0	Internal	Trailing Edge	2 - 15	2 - 26	2 - 29	2 - 56	2 - 99
44	Aurora	Candle E14	5.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
45	Aurora	PAR16 GU10 (AU-DGU106A/30)	6.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 38	1 - 68
46	Aurora	PAR16 GU10	6.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
47	Aurora	PAR16 GU10 (FLG GU10WD)	6.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 58
48	Aurora	PAR16 GU10 (FLG GU10WD)	6.0	Internal	Leading Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 14
49	Aurora	FLCDL19CD	19.0	Aurora 19W LED driver	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 27
50	Aurora	PAR16 GU10 (AU-DGU1040W/30)	4.0	Internal	Leading Edge	1 - 3	1 - 5	1 - 6	1 - 13	1 - 22
51	Aurora	PAR16 GU10 (AU-DGU1085/30)	8.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
52	Aurora	PAR16 GU10 (AU-DGU1085/40)	8.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
53	Aurora	AU-DL10013AW/30	13.0	Aurora AU-ALDD4015	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
54	Aurora	AU-DL10019AW/30	19.0	Aurora AU-ALDD4019	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 26
55	Aurora	AU-MPRO/40 – Fire Downlight	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 38	1 - 68
56	Aurora	EN-DGU1005/40	5.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 42
57	Aurora	EN-DGU1005/27	5.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 42
58	Aurora	EN-DDL101/27	8.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
59	Aurora	EN-DGU004/30 – GU10 400lm	4.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
60	Aurora	EN-DGU004/40 – GU10 520lm	4.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
61	Aurora	EN-DGU005/27 – GU10 480lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
62	Aurora	EN-DGU005/30 – GU10 520lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
63	Aurora	EN-DGU005/40 – GU10 520lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
64	Aurora	EN-DGU005H/27 – GU10 400lm	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
65	Aurora	EN-DGU005H/40 – GU10 440lm	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
66	Aurora	EN-DGU053/30 – GU10 500lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41

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NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
67	Aurora	EN-DGU1024/30 – 24deg GU10	10.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
68	Aurora	EN-DGU1024/40 – 24deg GU10	10.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
69	Aurora	EN-DGU1024H/40 – 24deg GU10	10.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
70	Aurora	EN-DGU1038/30 - 38deg GU10	10.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
71	Aurora	EN-DGU1038/40 - 38deg GU10	10.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
72	Aurora	EN-DGU1038H/40 - 38deg GU10	10.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
73	Aurora	EN-DGLSE279/27 -GLS E27 810lm	9.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
74	Aurora	EN-DGLSB229/27 -GLS B22 810lm	9.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
75	Aurora	EN-DCNDE145/27 -Candle E14 400lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
76	Aurora	EN-DCNDE275/27 -Candle E27 400lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
77	Aurora	EN-DCNDB225/27 -Candle B22 400lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
78	Aurora	EN-DG45E145/27 -Golf Ball E14 370lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
79	Aurora	EN-DG45E275/27 -Golf Ball E27 370lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
80	Aurora	EN-DG45B225/27 -Golf Ball B22 400lm	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
81	Aurora	EN-DE6PRO/40 -IP65 Fixed Fire Rated Downlight	6.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 81
82	Aurora	EN-DE8/40 -LED Alum. IP65 fixed Fire Downlight	8.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 69
83	Aurora	EN-DE82W/40 -LED Alum. Adj. Fire Downlight	8.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 69
84	Aurora	EN-DE82MW/40 -LED Alum. Adj. Fire Downlight	8.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 69
85	Aurora	EN-DDL413/40 -High Performance Downlight	13.0	EN-DDL413 driver	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 45
86	Aurora	EN-DDLH413/40 -High Performance Downlight	13.0	EN-DDLH413 driver	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 45
87	Aurora	EN-DDL618/40 -High Performance Downlight	18.0	EN-DDL618 driver	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 31
88	Aurora	EN-DDLH618/40 -High Performance Downlight	18.0	EN-DDLH618 driver	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 27
89	Aurora	EN-DDL818/40 -High Performance Downlight	18.0	EN-DDL818 driver	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 27
90	Aurora	EN-DDLH818/40 -High Performance Downlight	18.0	EN-DDLH818 driver	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 27
91	Aurora	EN-DDLH825/35 -High Performance Downlight	25.0	EN-DDLH825 driver	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 14
92	Aurora	EN-DDLH825/40 -High Performance Downlight	25.0	EN-DDLH825 driver	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 14
93	Aurora	EN-DDL840/40 -Fixed dimmable Downlight	40.0	EN-DDL840 driver	Trailing Edge	1 - 2	1 - 3	1 - 3	1 - 6	1 - 12
94	Aurora	EN-DDLH840/40 -High Performance Downlight	40.0	EN-DDLH840 driver	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 15

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NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
95	Aurora	EN-DDLH1045/40 -High Performance Downlight	45.0	EN-DDLH1045 driver	Trailing Edge	1 - 1	1 - 2	1 - 2	1 - 5	1 - 10
96	Aurora	EN-DDL10/40 -3in Round Downlight	10.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
97	Aurora	EN-DDL15/40 -4in Round Downlight	15.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
98	Aurora	EN-DDL20/40 -6in Round Downlight	20.0	Internal	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 16	1 - 28
99	Aurora	EN-DDL25/40 -8in Round Downlight	25.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 13	1 - 24
100	Aurora	EN-DLB071D/30 -IP44 10mm Baffle Downlight	7.0	EN-DLB071D driver	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
101	Aurora	EN-DLB071D/40 -IP44 10mm Baffle Downlight	7.0	EN-DLB071D driver	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
102	Aurora	EN-DLB072D/40 -IP44 20mm Baffle Downlight	7.0	EN-DLB072D driver	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
103	Aurora	EN-DLB101D/30 -IP44 10mm Baffle Downlight	10.0	EN-DLB101D driver	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 31
104	Aurora	EN-DLB101D/40 -IP44 10mm Baffle Downlight	10.0	EN-DLB101D driver	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 31
105	Aurora	EN-DLB102D/40 -IP44 20mm Baffle Downlight	10.0	EN-DLB102D driver	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 31
106	Aurora	EN-DDLCX10 -IP54 3in1 Colour Switch Downlight	10.0	EN-DDLCX10 driver	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 70
107	Aurora	EN-DLSMR08T/30 -IP54 Round Downlight	8.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
108	Aurora	EN-DLSMR08T/40 -IP54 Round Downlight	8.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
109	Aurora	EN-DLSMR15T/40 -IP54 Round Downlight	15.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 38
110	Aurora	EN-DLSMR18T/40 -IP54 Round Downlight	18.0	Internal	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 16	1 - 29
111	Aurora	EN-PL06B/30 - Round Panel lamp	6.0	EN-PLDD06B	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
112	Aurora	EN-PL09B/30 - Round Panel lamp	9.0	EN-PLDD09B	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
113	Aurora	EN-LEDD15024 24V constant voltage driver	150.0	na	Trailing Edge	0	0	0	1 - 2	1 - 3
114	Afrison	Floodlight 10W	10.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
115	Bell Lighting	GU10 #05974	5.0	External	Trailing Edge	1 - 16	1 - 28	1 - 31	1 - 60	1 - 107
116	Brightgreen	PR700 MR16	10.0	External	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 57
117	Brightlux	GU10 Spot	4.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 45
118	Brightlux	GU10 (092917D)	6.0	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
119	Brightlux	GU10	5.0	Internal	Trailing Edge	1 - 2	1 - 3	1 - 3	1 - 6	1 - 11
120	Brightlux	GU10 (GNH-AC-GU10-5W-B)	5.0	Internal	Trailing Edge	1 - 19	1 - 32	1 - 36	1 - 70	1 - 123
121	Bright Star	Bulb LED 108 G4 (12VAC/DC)	1.5	Verbatim LW70	Trailing Edge	1 - 69	1 - 120	1 - 133	1 - 257	1 - 456
122	Bright Star	Bulb LED 109 G4 (12VAC/DC)	1.5	Verbatim LW70	Trailing Edge	1 - 69	1 - 120	1 - 133	1 - 257	1 - 456



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**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
123	Bright Star	Bulb LED 110 G9	3.5	Internal	Trailing Edge	2 - 26	2 - 44	2 - 49	2 - 95	2 - 169
124	Bright Star	Bulb LED 111 G9	3.5	Internal	Trailing Edge	2 - 26	2 - 44	2 - 49	2 - 95	2 - 169
125	Bright Star	Bulb LED 128 GU10	5.0	Internal	Trailing Edge	2 - 14	2 - 23	2 - 26	2 - 51	2 - 91
126	Bright Star	Bulb LED 128 GU10	5.0	Internal	Leading Edge	2 - 11	2 - 19	2 - 21	2 - 40	2 - 72
127	Bright Star	Bulb LED 145 GU10	5.0	Internal	Trailing Edge	2 - 15	2 - 26	2 - 29	2 - 57	2 - 101
128	Bright Star	Bulb LED 146 GU10	5.0	Internal	Trailing Edge	2 - 17	2 - 29	2 - 32	2 - 62	2 - 111
129	Bright Star	Bulb LED 187 R75	9.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
130	Bright Star	Bulb LED 190 Candle	4.5	Internal	Trailing Edge	2 - 18	2 - 31	2 - 34	2 - 66	2 - 116
131	Bright Star	Bulb LED 191 Candle	4.5	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
132	Bright Star	Bulb LED 192 Candle	4.5	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
133	Bright Star	Bulb LED 193 Candle	4.5	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
134	Bright Star	Bulb LED 194 Candle	4.5	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
135	Bright Star	Bulb LED 195 Candle	4.5	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
136	Bright Star	Bulb LED 196	6.0	Internal	Trailing Edge	2 - 14	2 - 24	2 - 27	2 - 52	2 - 92
137	Bright Star	Bulb LED 230 Candle	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
138	Bright Star	Bulb LED 231 Candle	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
139	Bright Star	Bulb LED 232 Candle	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
140	Bright Star	Bulb LED 233 Candle	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
141	Bright Star	Bulb LED 234 Candle	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
142	Bright Star	Bulb LED 235 Candle	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
143	Bright Star	Bulb LED 236 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
144	Bright Star	Bulb LED 237 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
145	Bright Star	Bulb LED 238 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
146	Bright Star	Bulb LED 239 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
147	Bright Star	Bulb LED 240 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
148	Bright Star	Bulb LED 241 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
149	Bright Star	Bulb LED 242 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
150	Bright Star	Bulb LED 243 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
151	Bright Star	Bulb LED 244 Bulb	4.5	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
152	Bright Star	Bulb LED 245	8.0	Internal	Trailing Edge	2 - 12	2 - 21	2 - 23	2 - 44	2 - 78
153	Bright Star	Bulb LED 246 Bulb	8.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 38	1 - 67
154	Bright Star	Bulb LED 247 Bulb	8.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
155	Bright Star	Bulb LED 248 Bulb	8.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
156	Bright Star	Bulb LED 249 Bulb	8.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
157	Bright Star	Bulb LED 250 Bulb	8.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
158	Bright Star	Bulb LED 268 GU10	5.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 98
159	Bright Star	Bulb LED 269 Bulb	8.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
160	Bright Star	Bulb LED 270 Bulb	8.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
161	Bright Star	Bulb LED 271 Bulb	8.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
162	Bright Star	Bulb LED 272 Bulb	8.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
163	Bright Star	DL703 Panel LED lamp	12.0	XT-8-12W-1806 diver	Trailing Edge	2 - 5	2 - 9	2 - 10	2 - 20	2 - 35
164	Brilliance	I4Light 5W GU10	5.0	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 93
165	Calex	421594 LED Lamp 1020lm	12.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
166	Calex	425414 Filament Rustic 320lm	4.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
167	Calex	425464 Filament Globe 320lm	4.0	Internal	Trailing Edge	1 - 18	1 - 31	1 - 34	1 - 66	1 - 116
168	Calex	425468 Filament Globe 650lm	6.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 81
169	Calex	425484 Filament Globe 320lm	4.0	Internal	Trailing Edge	1 - 18	1 - 31	1 - 34	1 - 66	1 - 116
170	Calex	425491 Filament Tube 310lm	3.5	Internal	Trailing Edge	1 - 25	1 - 42	1 - 47	1 - 91	1 - 162
171	Calex	425492 Filament Tube 320lm	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
172	Calex	425493 Filament Tube 400lm	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
173	Calex	425496 Filament Tube 350lm	4.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
174	Calex	425732 Filament Flex GLS 200lm	4.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
175	Calex	425782 Filament Globe 200lm	4.0	Internal	Trailing Edge	1 - 18	1 - 31	1 - 34	1 - 66	1 - 116
176	Calex	474483 Filament Spherical 350lm	3.5	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
177	Calex	474484 Filament Spherical 350lm	4.0	Internal	Trailing Edge	1 - 25	1 - 42	1 - 47	1 - 91	1 - 162
178	Calex	474490 Filament Candle 350lm	3.5	Internal	Trailing Edge	1 - 25	1 - 42	1 - 47	1 - 91	1 - 162

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
179	Calex	474509 Filament GLS 810lm	7.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 79
180	Calex	474510 Filament GLS 810lm	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 38	1 - 68
181	Calibre LED	PAR20 E27 40D Dim	8.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
182	Calibre LED	ST64 LED 3W E27	3.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
183	Calibre LED	T45 LED 3W E27	3.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
184	Calibre LED	G95 LED 3W E27	3.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
185	Calibre LED	LD-G45-DIM E27 Filament	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
186	Calibre LED	LD0010 Adjustable Down Light 9W	9.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 33	1 - 58
187	Candela	GU10 short	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
188	Citizen	COB Series	17.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
189	Daylight Lighting	LED Stixx lamp (830) WW ES/BC	9.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
190	Daylight Lighting	LED Stixx lamp (865) daylight ES/BC	9.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
191	Daylight Lighting	LED GU10 DDL018	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
192	Daylight Lighting	LED GU10 DDL020	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
193	Daylight Lighting	LED Candle DDL035	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
194	Daylight Lighting	LED Candle DDL036	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
195	Diall LED	5W GU10	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
196	Diall LED	Candle B22 470lm	5.9	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
197	Diall LED	Candle E14 470lm	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
198	Diall LED	Bulb B22 1521lm	14.5	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 38
199	DK Lighting	GU10 CL-0002	5.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 44
200	Duracell	Candle	3.5	Internal	Trailing Edge	1 - 23	1 - 40	1 - 44	1 - 86	1 - 152
201	Duracell	Candle	3.5	Internal	Leading Edge	1 - 23	1 - 40	1 - 44	1 - 86	1 - 152
202	Duracell	Mini Globe	3.5	Internal	Trailing Edge	1 - 23	1 - 40	1 - 44	1 - 86	1 - 152
203	Duracell	Mini Globe	3.5	Internal	Leading Edge	1 - 23	1 - 40	1 - 44	1 - 86	1 - 152
204	Duracell	A-Shape	6.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
205	Duracell	A-Shape	6.0	Internal	Leading Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 19
206	Duracell	GU10 Spot (Al housing)	5.0	Internal	Leading Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43



### Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
207	Duracell	GU10 Spot (Plastic housing)	5.0	Internal	Leading Edge	1 - 5	1 - 8	1 - 9	1 - 17	1 - 31
208	Eagle Lighting	GU10 GTL084	5.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
209	Eagle Lighting	GU10 WXX914	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 38	1 - 68
210	Eagle Lighting	GU10 WXX915	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 38	1 - 68
211	Eagle Lighting	GU10 WXX900 (Dim to warm)	5.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 98
212	Eagle Lighting	LED downlight WXX102	7.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
213	Eagle Lighting	LED grille light KK1919	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 65
214	Eagle Lighting	LED downlight KK1936/D	12.0	Osram OTE 13 350mA	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
215	Eagle Lighting	LED downlight Module KK1942	8.0	KOE KLP8-120D 120mA	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
216	Eagle Lighting	LED downlighter KK1966/D-9D	9.0	KOE KLP500x6D 500mA	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
217	Eagle Lighting	LED downlighter KK1967/D-9D	9.0	KOE KLP500-10D 500mA	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
218	Eagle Lighting	LED downlight JIN200	10.0	Actec D2309NT-N3 230mA	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
219	Eagle Lighting	LED downlight L-CL-0107 WXX103	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
220	Eagle Lighting	Round LED downlight TLQS4C	6.0	Eagle 6W dimmable driver	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
221	Earth Power	Black Max GU10	5.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 20
222	EcoLED	GU10	5.0	Internal	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 17	1 - 30
223	EcoLED	GU10 DIM	5.0	Internal	Leading Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 22
224	EcoLED	GU10 DIM	7.0	Internal	Leading Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 38
225	EcoLED	GU10	6.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 19
226	EcoLED	GU10	9.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 34
227	EcoLED	MR16 3W	3.0	Pharox Transformer	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 70
228	EcoLED	MR16 6W	6.0	Pharox Transformer	Trailing Edge	1 - 11	1 - 18	1 - 20	1 - 39	1 - 70
229	Ellies	FLGU10C (non-dimmable)	3.5	Internal	Trailing Edge	1 - 16	1 - 27	1 - 30	1 - 59	1 - 104
230	Ellies	FLGU10C (non-dimmable)	4.0	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 92
231	Ellies	FLGU10CD	5.0	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 54	1 - 95
232	Ellies	FL24W15T8DL (non-dimmable)	24.0	Internal	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 27
	Enlite	See Aurora above								
233	Enviro-Bulb	E55-GU-35WWD (GU10 3000K) 90059	5.5	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 41

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
234	Enviro-Bulb	E55-GU-35CWD (GU10 4000K) 90060	5.5	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 41
235	Enviro-Bulb	E55-GU-35DWD (GU10 5000K) 90061	5.5	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 41
236	Enviro-Bulb	E55C-E14-WWD (E14 2700K) 90038	5.5	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 24	1 - 43
237	Enviro-Bulb	E55C-E27-WWD (E27 2700K) 90039	5.5	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 24	1 - 43
238	Enviro-Bulb	E55C-B22-WWD (B22 2700K) 90043	5.5	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 24	1 - 43
239	Eurolux	G727CW-LED-GU10	7.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 38
240	Eurolux	G478CW GU10 Classic	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 69
241	Eurolux	G478WW GU10 Classic	7.0	Internal	Trailing Edge	1 - 12	1 - 20	1 - 22	1 - 43	1 - 76
242	Eurolux	G1036CW GU10 Premium	6.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
243	Eurolux	G1036CW GU10 Premium	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
244	Eurolux	G1036WW GU10 Premium	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 38	1 - 68
245	Eurolux	G1036DL GU10 Premium	6.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
246	Eurolux	G1039CW B22 Premium Globe	9.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
247	Eurolux	G1039WW B22 Premium Globe	9.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
248	Eurolux	G1040CW E27 Premium Globe	9.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
249	Eurolux	G1040WW E27 Premium Globe	9.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
250	Eurolux	G1037SWW Candle GU10 Premium	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
251	Eurolux	G1037BWW Candle GU10 Premium	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
252	Eurolux	G1037EWW Candle GU10 Premium	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
253	Eurolux	G1038EWW E27 Premium Globe	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
254	Eurolux	G1038BWW B22 Premium Globe	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
255	Eurolux	G977 Candle	6.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
256	Eurolux	G952 Candle	6.0	Internal	Trailing Edge	1 - 16	1 - 28	1 - 31	1 - 61	1 - 108
257	Eurolux	G639ES (E27 Filament Candle)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
258	Eurolux	G639SES (E14 Filament Candle)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
259	Eurolux	G639BC (B22 Filament Candle)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
260	Eurolux	G990WW (E27 Filament Maxi Globe)	13.0	Internal	Trailing Edge	1 - 7	1 - 13	1 - 14	1 - 28	1 - 50
261	Eurolux	G991WW (G9 LED)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127

### Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
262	Eurolux	G1124CW (E14 R50 LED)	5.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 97
263	Eurolux	G1125WW (B15 Candle LED)	5.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 97
264	Eurolux	G1126WW (E14 Filament Candle)	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
265	Eurolux	G1126CW (E14 Filament Candle)	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
266	Eurolux	Carbon Filament E27	60.0	Internal	Trailing Edge	1 - 2	1 - 3	1 - 4	1 - 8	1 - 13
267	Flash	GU10 (600 969 636 8382)	7.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 22
268	Flash	GU10 (600 969 636 9945)	7.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 32
269	Flash	LED Filament ST64 Pear E27	4.0	Internal	Trailing Edge	1 - 28	1 - 49	1 - 54	1 - 105	1 - 187
270	Futurelight	GU10 5W Spot	5.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 44
271	GAP	SMD LED GU10	6.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 21
272	GC	GU10 (LED CUP)	6.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 21
273	GC	GU10 VLC-1005Z	6.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 21
274	GC	GU10 LED Spot Light	6.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
275	GE	GU10	6.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 41	1 - 73
276	GE	Candle E14 270lm	4.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
277	Genesis One	GU10D63	6.3	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 98
278	Genesis One	GU10D7	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
279	Genesis One	CAND5/27/E14 (Filament Candle)	5.0	Internal	Trailing Edge	1 - 16	1 - 27	1 - 30	1 - 58	1 - 103
280	Genstar	GEN5WGU10	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
281	Genstar	GEN7WGU10	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
282	GEP Power	GU10 460lm	6.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 28	1 - 51
283	GEP Power	GU10 556lm	7.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 28	1 - 51
284	G Light	GU10 36D	6.5	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 35	1 - 63
285	G Light	GU10 36D 4000K	6.5	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 79
286	G Light	GU10 36D ECO 4000K	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
287	Giantlight	LED Panel, AC 72x LED's	40.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 10	1 - 17
288	GL Lighting	LED Tube T8G06-524-3	24.0	Internal	Leading Edge	1 - 1	1 - 2	1 - 2	1 - 4	1 - 7
289	Hi-Tech	FXCGU10	7.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 80

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
290	Hello Today	HD-DLB07W GU10	7.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 81
291	Havells	BrightFill Filament Candle	5.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 98
292	Havells	BrightFill Filament A60	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
293	Havells	GU10 865 Dim	6.5	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 57
294	Hoi P'loy	Petite Pear Incandescent (LB-PP-11W)	11.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
295	Hoi P'loy	Vintage Edison filament spiral	40.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 17
296	Hoi P'loy	Vintage Edison filament squirrel cage	40.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 17
297	Hoi P'loy	Vintage Edison filament classic spiral (small)	40.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 17
298	Hoi P'loy	Vintage Edison filament squirrel cage (medium)	40.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 17
299	Hoi P'loy	LB-LED-XL-TD-E27	4.0	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 137
300	Hoi P'loy	LB-LED-XL-SQ-E27	10.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
301	Hoi P'loy	LB-LED-XL-SP-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
302	Hoi P'loy	LB-LED-L-FA-E27	2.5	Internal	Trailing Edge	1 - 33	1 - 57	1 - 63	1 - 121	1 - 215
303	Hoi P'loy	LB-LED-L-H-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
304	Hoi P'loy	LB-LED-PP-O-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
305	Hoi P'loy	LB-LED-L-SP-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
306	Hoi P'loy	LB-LED-L-SQ-E27	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 112
307	Hoi P'loy	LB-LED-M-SP-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
308	Hoi P'loy	LB-LED-M-SQ-E27	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 112
309	Hoi P'loy	LB-LED-VS-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
310	Hoi P'loy	LB-LED-TH-S-E27	3.0	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 137
311	Hoi P'loy	LB-LED-TH-L-E7	4.0	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 137
312	Hoi P'loy	LB-LED-TS-S-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
313	Hoi P'loy	LB-LED-TS-L-E27	4.0	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 137
314	Hoi P'loy	LB-LED-TH-XL-E7	4.0	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 137
315	Hoi P'loy	LB-LED-TS-XL-E27	4.0	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 137
316	Hoi P'loy	LB-LED-RS-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
317	Hoi P'loy	LB-LED-SQ-S-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
318	Hoi P'loy	LB-LED-SQ-H-E27	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
319	Hoi P'loy	LB-LED-L-FR-E27	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 112
320	Hoi P'loy	LB-LED-M-FR-E27	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 112
321	Hoi P'loy	LB-LED-S-FR-E27	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 112
322	Hoi P'loy	LB-LED-L-OP-E27	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
323	Hoi P'loy	LB-LED-M-OP-E27	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
324	Hoi P'loy	LB-LED-S-OP-E27	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
325	Hoi P'loy	LB-LED-XL-OP-E27	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
326	Hoi P'loy	LB-LED-XL-FR-E27	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 112
327	Hoi P'loy	LB-LED--XL-BA- E27	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 112
328	Hoi P'loy	Petite Pear LED	3.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 160
329	Huayi	SAGU02073	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
330	Huayi	SAGU02076 GU10 (000928)	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 88
331	IKEA	GU10 LED2010R3	3.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
332	InterEnergy	GU10 "Silver"	5.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 17
333	InterEnergy	GU10 "White"	5.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 17
334	InterEnergy	K50	12.0	External (K50 Driver)	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 14	1 - 25
335	InterEnergy	G50	8.0	External (G50 Driver)	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
336	InterEnergy	B80	12.0	External (B80 Driver)	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 14	1 - 25
337	Johnson	GU10 (WW & CW)	6.0	Internal	Leading Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 19
338	K. Light	GU10 (COB 550lm)	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
339	K. Light	Candle Filament E14 (HX-CN35-4W)	4.0	Internal	Trailing Edge	1 - 16	1 - 28	1 - 31	1 - 60	1 - 107
340	K. Light	Filament Bulb UF-L01761-D	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
341	K. Light	Filament Bulb HX-CW35-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
342	K. Light	Filament Bulb HX-CN35-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
343	K. Light	Filament Bulb HX-GB45-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
344	K. Light	Filament Bulb HX-GL45-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
345	K. Light	Filament Bulb HX-LST30-185-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
346	K. Light	Filament Bulb HX-LA60-4W/CW	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
347	K. Light	Filament Bulb HX-LA60-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
348	K. Light	Filament Bulb HX-LA60-4W/OPAL	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
349	K. Light	Filament Bulb HX-LST64-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
350	K. Light	Filament Bulb HX-LSAST64-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
351	K. Light	Filament Bulb HX-LSG80-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
352	K. Light	Filament Bulb HX-LSG95-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
353	K. Light	Filament Bulb HX-G125-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
354	K. Light	Filament Bulb HX-LG125-4W	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
355	K. Light	Filament Bulb HX-LA60-8W	8.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 28	1 - 51
356	Krillux	GUL016 GU10 Glass 3000K	6.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 97
357	Krillux	GUL017 GU10 Glass 4000K	6.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 97
358	Krillux	GUL018 GU10 Glass 6000K	6.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 97
359	Krillux	GUL023 GU10 3000K	5.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 56	1 - 100
360	Krillux	GUL024 GU10 4000K	5.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 56	1 - 100
361	Krillux	GUL025 GU10 6000K	5.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 56	1 - 100
362	Krillux	LEC007 LED G9 GLASS 3000K	2.5	Internal	Trailing Edge	1 - 31	1 - 53	1 - 59	1 - 115	1 - 204
363	Krillux	LEC008 LED G9 GLASS 4000K	2.5	Internal	Trailing Edge	1 - 31	1 - 53	1 - 59	1 - 115	1 - 204
364	Krillux	LEC009 LED G9 GLASS 6000K	2.5	Internal	Trailing Edge	1 - 31	1 - 53	1 - 59	1 - 115	1 - 204
365	Krillux	GU10 EVE001	5.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
366	Krillux	PEG005 E27 LED PEAR AMBER 2200K	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
367	Krillux	OPG007 E27 LED OPALINA AMBER 2200K G95	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
368	Krillux	OPG008 E27 OPALINA FILAMENT 3000K G125	8.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
369	Krillux	OPG009 E27 OPALINA FILAMENT 4000K G125	8.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
370	Krillux	CAP010 Candle E14 3000K	5.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
371	Krillux	CAP011 Candle E14 4000K	5.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
372	Krillux	CAG021 E14 CANDLE FILAMENT 3000K.	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
373	Krillux	CAG021 E14 CANDLE FILAMENT 4000K	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127

### Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
374	Krillux	CAG022 C35 E14 CANDLE FILAMENT 4000K	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
375	Landmark	RL-5WD-15WW	5.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 21
376	LDC	GU10 (001510)	5.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 98
377	LDC	GU10 (001511)	5.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 55	1 - 97
378	LDC	GU10 (001515/D)	6.0	Internal	Trailing Edge	1 - 12	1 - 20	1 - 22	1 - 43	1 - 76
379	LDC	DLV-R 3 inch downlight	13.0	Actec D3501U 350mA	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 32
380	LDC	DLV-R 3 inch downlight	14.0	Actec D50022U 500mA	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 17	1 - 30
381	Ledionopto	GU10C	7.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
382	Ledionopto	TD20 Series downlighter	7.0	350mA driver	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 57
383	Ledionopto	TD36 Series downlighter	15.0	700mA driver	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 35
384	Ledionopto	DLV LED 25W NW	25.0	700mA driver	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 15
385	LED Lumo	GU10	6.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 54
386	LED Lumo	GU10 (Aluminium housing)	6.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 40
	Ledvance	See Osram / Ledvance below								
387	LEDwise	ML7-WW-36-AL-D	9.6	External	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 38
388	Lightbulbmoment	LBM-G4-1.5W-PL03-DIM	1.5	Verbatim LW70	Trailing Edge	1 - 41	1 - 70	1 - 78	1 - 151	1 - 268
389	Lightbulbmoment	LBM-GU10-4.5W-DIM	4.5	Internal	Leading Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 19
390	Lightbulbmoment	LBM-GU10-5W-DIM	5.0	Internal	Leading Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
391	Lightbulbmoment	LBM-GU10-7.5W-DIM	7.5	Internal	Leading Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 21
392	Lightnet	MGM Gimbal 840 36D 300680	25.0	Tridonic LCBI 25W	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 21
393	Lightnet	DLV Downlight 6 inch	25.0	AcTech D70040NT 700mA	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 22
394	Limeligt	GU10 380lm	4.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 20
395	Lights by Linea	Model 7"	17.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 39
396	Light Leader (GEP)	GU10-CY2-D	4.5	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
397	Light Leader (GEP)	GU10-COB-YZ-D	7.5	Internal	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 14	1 - 25
398	Lightspot	Littleou 420lm GU10	6.0	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 53	1 - 94
399	Lighting Warehouse	G9 LED (6009707428333)	4.5	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
400	Litehouse	LIT400-S14-1PK (E27 Festoon Bulb)	2.0	Internal	Trailing Edge	1 - 40	1 - 68	1 - 76	1 - 147	1 - 260

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
401	Li Zhau	Panel LED 3W	3.0	Li Zhau 4W Driver	Leading Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 22
402	Li Zhau	Panel LED 6W	6.0	Li Zhau 7W Driver	Leading Edge	1 - 3	1 - 5	1 - 5	1 - 10	1 - 18
403	Li Zhau	Panel LED 9W	9.0	Li Zhau 15W Driver	Leading Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 16
404	LMR Lighting	GU10	6.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
405	LMR Lighting	GU10	7.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
406	Lucent	GU10 7WD	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
407	Lucent	E27 Candle 5WD	5.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
408	Luc-Eco	GU10 (LGDW5W37-01)	5.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
409	Luc-Eco	GU10 (LGDW5W37-01)	5.0	Internal	Leading Edge	1 - 4	1 - 6	1 - 7	1 - 13	1 - 24
410	Luc-Eco	GU10 (LGU5W380D40W-01)	5.0	Internal	Leading Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
411	Lumaglo	G5-GU10/5.5/DC	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
412	Lumax	LUM-GU10-SMD-SH-4.5W	4.5	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 92
413	Lumax	LUM-GU10-COB-SU-5W	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 88
414	Lumax	GU10 WW	4.5	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
415	Lumax	GU10 (Single LED)	5.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 35
416	Lumax	GU10 SMD 2835	7.5	Internal	Trailing Edge	3 - 14	3 - 24	3 - 27	3 - 54	3 - 95
417	Lumax	GU10 (Single LED)	8.0	Internal	Trailing Edge	3 - 5	3 - 8	3 - 9	3 - 18	3 - 33
418	Lumax	A60 Bulb	7.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 45
419	Lumax	A60 Bulb SMD 2835	9.5	Internal	Trailing Edge	3 - 9	3 - 15	3 - 17	3 - 34	3 - 60
420	Lumax	E14 Candle	3.0	Internal	Trailing Edge	1 - 33	1 - 57	1 - 63	1 - 121	1 - 215
421	Lumax	GU10 30SMD	5.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 74	1 - 132
422	Lumax	GU10 (Glass)	5.5	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 136
423	Lumax	GU10 (LUM-GUDCG/05) – Glass	5.0	Internal	Trailing Edge	1 - 18	1 - 31	1 - 34	1 - 65	1 - 116
424	Lumax	Candle E14 (LUM-CD3714/05-3K)	5.0	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 93
425	Lumax	GU10 (LUM-GUD/055-4K)	5.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 28	1 - 51
426	Lumax	LM-FRP-R75-6W Frameless Panel	6.0	External AcTech	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 44	1 - 78
427	Lumax	LM-FRP-R100-8W Frameless Panel	8.0	External AcTech	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 70
428	Lumax	S11 G45	5.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36



### Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
429	Lumax	S11 GU10	5.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
430	Lumax	S11 C37	5.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 34
431	Lumax	S11 A60	9.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
432	Lumax	LUM-GD12527/025-2K Filament	2.5	Internal	Trailing Edge	1 - 31	1 - 53	1 - 59	1 - 115	1 - 204
433	Lumax	LUM-GD9527/04-2K Filament	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
434	Lumax	LUM-PSD16027/04-2K Filament	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
435	Lumax	LUM-STD6427/04-2K Filament	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
436	Lumax	LUM-CD3514/04-3K Filament Candle	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
437	Lumax	LUM-CD3527/04-3K Filament Candle	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 73	1 - 130
438	Lumax	LUM-GUDAW/05-3K AW GU10 DIM	5.0	Internal	Trailing Edge	3 - 14	3 - 23	3 - 26	3 - 51	3 - 90
439	Lumax	LUM-PLRD85/03-3K Dimmable Panel	3.0	BT-DL6901W6	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 78	1 - 138
440	Lumax	LUM-PLRD120/06-3K Dimmable Panel	6.0	BT-DL6901W6	Trailing Edge	1 - 19	1 - 32	1 - 36	1 - 69	1 - 123
441	Lumax	LUM-AD6027/06-3K A60 Dimmable	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
442	Luminence	K50-R7	9.5	Dimtronic 260mA driver	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
443	Luxn	LED Spot GU10	5.0	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
444	Major Tech	GU10 (L2A-D3W)	3.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 22
445	Major Tech	GU10 (L2A-D5C)	5.0	Internal	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 16
446	Major Tech	GU10 (L2A-D5W)	5.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 19
447	Major Tech	LED filament E14 (LFC35E14-D4W)	4.0	Internal	Trailing Edge	1 - 25	1 - 43	1 - 48	1 - 92	1 - 163
448	Major Tech	Candle E14 (LC38E14-D48W)	4.8	Internal	Trailing Edge	1 - 22	1 - 38	1 - 42	1 - 81	1 - 143
449	Major Tech	LED filament E27 (LFA60E27-D6W)	6.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
450	Major Tech	E27 (LA60E27-D7C)	7.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
451	Major Tech	DLW-9C	9.0	External (MLD-10W)	Leading Edge	1 - 3	1 - 5	1 - 5	1 - 10	1 - 18
452	Mesmerize	HL-MZ-5.5W-GU10-D	5.5	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 19
453	Mesmerize	HL-MZ-8W-GU10-D	8.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
454	Mesmerize	HL-UDL-003 6W Panel 300mA	6.0	LED-09VATDR 300mA	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
455	Mesmerize	HL-UDL-005 12W Panel 300mA	12.0	LED-09VATDR 300mA	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
456	Mesmerize	MLCL-6W-R-NW (Round Panel)	6.0	LPDD-6W (PE294B0730)	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 53	1 - 94

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
457	Mesmerize	MLCL-12W-R-NW (Round Panel)	12.0	LPDD-12W (PE294B1230)	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 28	1 - 50
458	Mesmerize	MLCL-18W-R-NW (Round Panel)	18.0	LPDD-18W (PE296B1830)	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 34
459	Mesmerize	MLCL-24W-R-CW (Round Panel)	24.0	LPDD-24W (PF-292B)	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 14	1 - 25
460	Mesmerize	Round 18W Panel 300mA	18.0	LED-18VATDR 300mA	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 39
461	Mesmerize	Round 24W Panel 300mA	24.0	LED-24VATDR 300mA	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 17	1 - 30
462	Mesmerize	ML-DL-10W-TR	10.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
463	Mesmerize	ML-HG2-10W-CCT-C (3 in 1 lamp)	10.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
464	Mesmerize	ML-VF-A60-6W-D Filament Bulb	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 88
465	Mesmerize	ML-VF-ST64-6W-D Filament Bulb	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 88
466	Mesmerize	ML-VF-G95-6W-D Filament Bulb	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 88
467	Mesmerize	ML-VF-G125-6W-D Filament Bulb	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 88
468	Mesmerize	ML-Z-4.8W-GU10-2.7K-D	4.8	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 32
469	Mesmerize	ML-Z-4.8W-GU10-4K-D	4.8	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 32
470	Mesmerize	ML-Z-4.8W-GU10-6K-D	4.8	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 32
471	Mesmerize	ML-Z-G45-4.5W	4.5	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
472	Mesmerize	ML-Z-C37-4.5W	4.5	Internal	Trailing Edge	1 - 25	1 - 43	1 - 48	1 - 94	1 - 166
473	Mesmerize	ML-Z-6.8W-GU10-W	6.8	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
474	Mesmerize	ML-Z-A60-9W	9.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 10	1 - 18
475	Mesmerize	ML-A60-9W-B22-4K-D	9.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 57
476	Mesmerize	ML-TR-10W-CCT (Halo Trio series 3 in 1)	10.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 57
477	Mesmerize	ML-SRS-8W-GU10-27K-D (Sirius Series GU10)	8.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
478	Mesmerize	ML-SRS-8W-GU10-40K-D (Sirius Series GU10)	8.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
479	Mesmerize	ML-SRS-8W-GU10-65K-D (Sirius Series GU10)	8.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
480	Mesmerize	Candle C35 Filament	2.0	Internal	Trailing Edge	1 - 31	1 - 54	1 - 60	1 - 116	1 - 207
481	Mesmerize	Antique Edison Bulb ST64	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 75	1 - 133
482	Mesmerize	Antique Edison Bulb G95	4.0	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 75	1 - 133
483	Mesmerize	230VAC Strip LED 1m *	8.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 81
484	Mesmerize	230VAC LED Tapeligh 1m (white/colour)*	8.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83

### Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
485	Mesmerize	230VAC LED Neon Flex 1m (white/colour)*	8.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
486	Mesmerize	LED Globe A60 ML-A60-9W-E27-xx-D	9.0	Internal	Trailing Edge	1 - 11	1 - 18	1 - 20	1 - 39	1 - 70
487	Mesmerize	Comet GU10 ML-CT-5.5W-GU10-xx-D	5.5	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
488	Mesmerize	Comet GU10 ML-CT-7.5W-GU10-xx-D	7.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 69
489	Meteor	GU10	3.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
490	Meteor	GU10	4.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
491	Meteor	GU10	6.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 19
492	NVC	NLED110D (350mA)	9.0	Aurora 1-10W Driver	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 38
493	NVC	NLED110D (350mA)	9.0	Aurora 7-10W Driver	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
494	NVC	NLED111D (500mA)	12.0	Aurora 20W Driver	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 27	1 - 48
495	NVC	G Light GU10	6.5	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 35	1 - 62
496	NVC	LED GU10D	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 41	1 - 73
497	MSI	"I"GU10	5.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
498	O-Lite / MCE	LEDGU10-6WD	6.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 10	1 - 18
499	O-Lite / MCE	GU10DIM-6W-CW/WW	6.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 81
500	O-Lite / MCE	OL-CY03 (Cyclops Range)	3.0	O-lite Mini D26004NT	Trailing Edge	1 - 19	1 - 32	1 - 36	1 - 71	1 - 126
501	O-Lite / MCE	OL-CY06 (Cyclops Range)	6.0	O-lite D26009NT	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
502	O-Lite / MCE	OL-CY12 (Cyclops Range)	12.0	O-lite D26012NT	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
503	O-Lite / MCE	OL-CY18 (Cyclops Range)	18.0	O-lite D26020NT	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 35
504	O-Lite / MCE	OL-G200-4W-D-GD/GY	4.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
505	O-Lite / MCE	OL-DT170-GB/O	4.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
506	O-Lite / MCE	OL-PS165-4W-D-6Y	4.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
507	O-Lite / MCE	OL-PS40-4W-D-GD/GY	4.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
508	O-Lite / MCE	OL-C120-4W-D-GD	4.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
509	O-Lite / MCE	OL-A60-4W-D-GY/T	4.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
510	O-Lite / MCE	OL-G125-5W-D-GD	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
511	O-Lite / MCE	OL-G80-5W-GY/GD/T	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
512	O-Lite / MCE	OL-G95-5W-D-GY/GD/T	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
513	O-Lite / MCE	OL-A60-8W-D-GY	8.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 54
514	O-Lite / MCE	OL-ST64-8W-D-GY/GD/T	8.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 54
515	Oppl	GU10 Spot Light	5.0	Internal	Trailing Edge	1 - 15	1 - 26	1 - 29	1 - 57	1 - 102
516	Oppl	LED-E-E27-6W-DIM	6.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
517	Oppl	LED E2 GU10 6W DIM	6.0	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
518	Oppl	GU10 Spot Light	7.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
519	OptiLED	Tornado GU10 5.5W	5.5	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 39
520	Optique	XOPT3012	12.0	Actec DIM300mA	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 13	1 - 24
521	Optique	OPT3012	12.0	Tridonic LCA 15W	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
522	Optique	XOPT2512	7.0	Tridonic LCBI 14W	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
523	Optique	XOPT4012A	15.0	Tridonic LCA 15W	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 38
524	Osram / Ledvance	Parathom Pro PAR16 50 Advanced R	9.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 38	1 - 68
525	Osram / Ledvance	Parathom Pro PAR16 50 Advanced R	10.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
526	Osram / Ledvance	Parathom Pro PAR16 50 Advanced	5.3	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 44	1 - 78
527	Osram / Ledvance	Parathom Pro PAR16 50 (Adv)	5.5	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
528	Osram / Ledvance	Parathom Pro MR16 20 Advanced	5.0	HTM70	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
529	Osram / Ledvance	Parathom Pro MR16 35 Advanced	5.9	HTM70, ETP70	Trailing Edge	2 - 12	2 - 21	2 - 23	2 - 47	2 - 83
530	Osram / Ledvance	Parathom Pro MR16 35 Advanced	7.0	HTM70	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 71
531	Osram / Ledvance	Parathom Pro MR16 35 Advanced R	10.0	HTM70	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
532	Osram / Ledvance	Parathom Pro AR111 50 680lm AC12996	10.8	HTM70	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
533	Osram / Ledvance	Parathom Pro LEDSpot AR111 50 Adv.	12.0	HTM70	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
534	Osram / Ledvance	Parathom Classic P25 Advanced	4.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 28	1 - 51
535	Osram / Ledvance	Parathom Classic P40 Advanced	6.0	Internal	Trailing Edge	1 - 16	1 - 27	1 - 30	1 - 58	1 - 103
536	Osram / Ledvance	Parathom DIM R80 100	9.6	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
537	Osram / Ledvance	Parathom PAR16 65 Advanced	8.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
538	Osram / Ledvance	Parathom Stick AC21548	7.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
539	Osram / Ledvance	Parathom Stick AC21550	7.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
540	Osram / Ledvance	Parathom Stick AC21554	9.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
541	Osram / Ledvance	Parathom Stick AC21559	11.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
542	Osram / Ledvance	Parathom Stick AC21561	11.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
543	Osram / Ledvance	Parathom Dim PAR16 50 AC27614	5.5	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
544	Osram / Ledvance	<i>LED Performance PAR16 50 AC32221</i>	5.5	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
545	Osram / Ledvance	<i>LED Performance PAR16 50 AC32223</i>	5.5	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
546	Osram / Ledvance	<i>LED Performance PAR16 80 AC32242</i>	7.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 72
547	Osram / Ledvance	LED Performance PAR16 80 625lm AC10154	8.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
548	Osram / Ledvance	LED Performance PAR16 80 625lm AC10155	8.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
549	Osram / Ledvance	LED Performance PAR16 80 (930) AC20915	7.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
550	Osram / Ledvance	LED Performance PAR16 80 (940)	7.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
551	Osram / Ledvance	LED Performance MR16 50 630lm AC10144	7.0	HTM70	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 57
552	Osram / Ledvance	<i>LED Performance Classic A filament AC24263</i>	7.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
553	Osram / Ledvance	LED Performance Classic A60 filament AC08113	7.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 72
554	Osram / Ledvance	LED Performance Classic A60 filament AC08117	7.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 72
555	Osram / Ledvance	LED Performance Classic A60 AC28043	9.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 33	1 - 58
556	Osram / Ledvance	LED Performance Classic A60 AC14368	9.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
557	Osram / Ledvance	LED Performance Classic B40 Filament AC24282	5.0	Internal	Trailing Edge	1 - 16	1 - 27	1 - 30	1 - 59	1 - 105
558	Osram / Ledvance	LED Superstar PAR16 35 (Adv)	3.6	Internal	Trailing Edge	1 - 16	1 - 28	1 - 31	1 - 60	1 - 107
559	Osram / Ledvance	LED Superstar PAR16 35 Advanced	4.8	Internal	Trailing Edge	1 - 16	1 - 27	1 - 30	1 - 59	1 - 105
560	Osram / Ledvance	LED Superstar PAR16 35 Advanced	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 88
561	Osram / Ledvance	LED Superstar PAR16 50	4.6	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 93
562	Osram / Ledvance	LED Superstar PAR16 50 Advanced	4.6	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 93
563	Osram / Ledvance	LED Superstar PAR16 50 (Adv)	5.0	Internal	Trailing Edge	1 - 16	1 - 27	1 - 30	1 - 59	1 - 105
564	Osram / Ledvance	LED Superstar PAR16 50 Advanced	5.3	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 44	1 - 78
565	Osram / Ledvance	LED Superstar PAR16 50 (Adv)	5.5	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
566	Osram / Ledvance	LED Superstar PAR16 50 (Adv)	6.0	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
567	Osram / Ledvance	LED Superstar PAR16 50 Advanced	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 41	1 - 72
568	Osram / Ledvance	LED Superstar PAR16 50 Advanced	7.5	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
569	Osram / Ledvance	LED Superstar MR16 50 Advanced	8.5	HTM70	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 33	1 - 58
570	Osram / Ledvance	LED Superstar MR16 35 Advanced	4.9	HTM70	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 93
571	Osram / Ledvance	LED Superstar MR16 35 Advanced	5.0	HTM70	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 93
572	Osram / Ledvance	LED Superstar MR16 35 Advanced	6.8	HTM70	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
573	Osram / Ledvance	LED Superstar MR16 35 Advanced	6.5	HTM70	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 93
574	Osram / Ledvance	LED Superstar Classic B 25 Advanced	4.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 41	1 - 72
575	Osram / Ledvance	LED Superstar Classic B 40	5.7	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
576	Osram / Ledvance	LED Superstar Classic B 40 Filament	4.5	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
577	Osram / Ledvance	LED Superstar Classic B 40 Advanced	6.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
578	Osram / Ledvance	LED Superstar Classic P 25 Advanced	4.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 41	1 - 72
579	Osram / Ledvance	LED Superstar Classic A 60	8.5	Internal	Trailing Edge	1 - 7	1 - 13	1 - 14	1 - 28	1 - 49
580	Osram / Ledvance	LED Superstar Classic A 60	9.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 72
581	Osram / Ledvance	LED Superstar Classic A 60 Filament	6.5	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
582	Osram / Ledvance	LED Superstar Classic A 60 Advanced	10.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 54
583	Osram / Ledvance	LED Superstar Classic A 60 Advanced	12.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
584	Osram / Ledvance	LED Superstar Globe 95 60 Advanced	9.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 13	1 - 22
585	Osram / Ledvance	LED Superstar Globe 75	12.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 39
586	Osram / Ledvance	LEDinestra Advanced	6.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
587	Osram / Ledvance	LEDinestra DIM AC18698	4.5	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 80
588	Osram / Ledvance	LEDinestra DIM AC18704	7.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 79
589	Osram / Ledvance	LEDinestra DIM AC18705	15.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 34
590	Osram / Ledvance	Vintage 1906 LED Edison (filament)	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
591	Osram / Ledvance	RDL 2014163	5.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 58
592	Osram / Ledvance	Luxpoint Mini G2	12.0	Internal	Trailing Edge	2 - 7	2 - 12	2 - 13	2 - 26	2 - 46
593	Pharox	MR16 5W	5.0	Pharox Transformer	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 41	1 - 73
594	Pharox	P200 P45	4.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
595	Pharox	P200 P45	4.0	Internal	Leading Edge	1 - 4	1 - 7	1 - 8	1 - 17	1 - 30
596	Pharox	P200 Candle	3.5	Internal	Leading Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 32

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
597	Robus	R50GU10D	5.0	Internal	Leading Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 45
598	Pharox	GU10	5.5	Internal	Trailing Edge	1 - 11	1 - 18	1 - 20	1 - 39	1 - 70
599	Pharox	GU10	5.5	Internal	Leading Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 21
600	Pharox	P300 GU10	5.5	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 27	1 - 48
601	Pharox	P600	8.5	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
602	Pharox	#105010 360lm (Candle)	4.0	Internal	Trailing Edge	1 - 32	1 - 55	1 - 61	1 - 119	1 - 210
603	Pharox	#105011 320lm (Flame Filament)	4.0	Internal	Trailing Edge	1 - 32	1 - 55	1 - 61	1 - 119	1 - 210
604	Pharox	#105012 410lm (Candle Filament)	4.0	Internal	Trailing Edge	1 - 32	1 - 55	1 - 61	1 - 119	1 - 210
605	Pharox	#105510 400lm (Filament)	4.0	Internal	Trailing Edge	1 - 32	1 - 55	1 - 61	1 - 119	1 - 210
606	Pharox	#106010 360lm (Bulb)	4.0	Internal	Trailing Edge	1 - 27	1 - 46	1 - 51	1 - 99	1 - 175
607	Pharox	#106011 400lm (Filament)	4.0	Internal	Trailing Edge	1 - 27	1 - 46	1 - 51	1 - 99	1 - 175
608	Pharox	#106012 320lm (Flame Filament)	4.0	Internal	Trailing Edge	1 - 27	1 - 46	1 - 51	1 - 99	1 - 175
609	Pharox	#106510 600lm (Filament)	6.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
610	Pharox	P800 A60 Lamp 470lm	7.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
611	Pharox	P800 A60 Lamp 810lm	10.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 42
612	PioLed Lighting	GU10	3.0	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 54	1 - 95
613	PioLed Lighting	GU10	4.5	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 79
614	PioLed Lighting	GU10	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
615	PioLed Lighting	GU10	6.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 54
616	PioLed Lighting	GU10 DD026 Combat	6.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
617	PioLed Lighting	GU10 DD027 Combat	6.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
618	PioLed Lighting	GU10 600lm	6.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
619	PioLed Lighting	LED Filament Candle	4.0	Internal	Trailing Edge	1 - 23	1 - 40	1 - 44	1 - 86	1 - 152
620	PioLed Lighting	Vers 3CCT DIM GU10	7.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
621	PioLed Lighting	Vers 3CCT DIM GU10	9.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 57
622	PioLed Lighting	LED Candle Lite	4.5	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 65	1 - 115
623	PioLed Lighting	Punch Dimmable LED downlight	10.0	PIO-PS-10W-CC 250mA	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
624	PioLed Lighting	Punch Dimmable LED downlight	15.0	PIO-PS-15W-CC 350mA	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 33

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
625	PioLed Lighting	Legend 3CCT Downlight	35.0	PIO-PS-40W-DIM	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 10	1 - 17
626	PioLed Lighting	Filament LED Bulb (A60)	6.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
627	PioLed Lighting	PIO-CL-6W Iris (2 in 1 ceiling light 3CCT)	6.0	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
628	PioLed Lighting	PIO-CL-12W Iris (2 in 1 ceiling light 3CCT)	12.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
629	PioLed Lighting	PIO-CL-18W Iris (2 in 1 ceiling light 3CCT)	18.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 32
630	PioLed Lighting	PIO-CL-6W	6.0	PIO-CL-6W (300mA)	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 82
631	PioLed Lighting	PIO-CL-12W	12.0	S-CV-240-PL (300mA)	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 47
632	PioLed Lighting	PIO-CL-18W	18.0	S-CV-240-PL (300mA)	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 33
633	PioLed Lighting	PIO-CL-24W	24.0	S-CV-240-PL (300mA)	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 13	1 - 23
634	PioLed Lighting	LED Ceiling panel	40.0	S-48-24 & PS-40W-DIM	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 16
635	PioLed Lighting	LED Ceiling panel	65.0	S-72-24 & PS-60W-DIM	Trailing Edge	1 - 1	1 - 2	1 - 2	1 - 5	1 - 9
636	PioLed Lighting	LED Ceiling Light 600x600	40.0	PL-40W & PS-40W-DIM	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 9	1 - 16
637	PioLed Lighting	LED Ceiling Light 600x1200	60.0	PL-60W & PS-60W-DIM	Trailing Edge	1 - 1	1 - 2	1 - 2	1 - 5	1 - 10
638	PioLed Lighting	LED Panel Light	18.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 32
639	PioLed Lighting	LED Panel Light 600x600 3CCT	40.0	PIO-PS-40W-DIM	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 15
640	PioLed Lighting	230VAC LED Tapelight 1m *	7.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 81
641	PioLed Lighting	230VAC LED Tapelight (ver 2) 1m *	7.0	PIO-230-STR-P	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
642	Philips / Signify	Master LEDspot GU10 MV Value	3.5	Internal	Trailing Edge	1 - 19	1 - 32	1 - 36	1 - 70	1 - 124
643	Philips / Signify	Master LEDspot Value GU10 Dimmable	3.7	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 78	1 - 139
644	Philips / Signify	Master LEDspot Value GU10 Dimtone	3.7	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 78	1 - 139
645	Philips / Signify	Master LEDspot ExpertColor GU10	3.9	Internal	Trailing Edge	1 - 20	1 - 34	1 - 38	1 - 75	1 - 133
646	Philips / Signify	Master LEDspot GU10 40D	4.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 33	1 - 58
647	Philips / Signify	Master LEDspot GU10 MV Value	4.3	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 63	1 - 112
648	Philips / Signify	Master LEDspot Value GU10 Dimmable	4.9	Internal	Trailing Edge	1 - 18	1 - 31	1 - 34	1 - 66	1 - 116
649	Philips / Signify	Master LEDspot Value GU10 Dimmable 380lm	4.9	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
650	Philips / Signify	Master LEDspot Value GU10 Dimtone	4.9	Internal	Trailing Edge	1 - 18	1 - 31	1 - 34	1 - 66	1 - 116
651	Philips / Signify	Master LEDspot MV GU10	5.0	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
652	Philips / Signify	Master GU10 450lm (MA50GU10865DCA)	5.0	Internal	Trailing Edge	1 - 19	1 - 32	1 - 36	1 - 69	1 - 123



**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
653	Philips / Signify	Master LEDspot GU10 MV Value	5.3	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
654	Philips / Signify	Master LEDspot GU10 MV	5.4	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 72
655	Philips / Signify	Master LEDspot GU10 PF	6.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 47
656	Philips / Signify	Master LEDspot GU10 40D (MV)	6.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 28	1 - 50
657	Philips / Signify	Master LEDspot GU10 40D	7.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 28	1 - 50
658	Philips / Signify	Master LEDspot GU10 40D	8.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 13	1 - 22
659	Philips / Signify	Master LEDcandle E14	3.0	Internal	Trailing Edge	1 - 15	1 - 25	1 - 28	1 - 54	1 - 96
660	Philips / Signify	Master LEDcandle E14 Deco Classic	4.5	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 65	1 - 115
661	Philips / Signify	Master LEDbulb E27	12.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 38
662	Philips / Signify	Master LEDspot GU5.3 MR16	7.0	External	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 52
663	Philips / Signify	Master LEDspot GU5.3 MR16	10.0	External	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 45
664	Philips / Signify	B35 B22 Filament LED 340lm (B35 CL)	2.5	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 88	1 - 155
665	Philips / Signify	P45 E27 Filament LED 470lm (P45 CL)	3.4	Internal	Trailing Edge	1 - 22	1 - 38	1 - 42	1 - 81	1 - 144
666	Philips / Signify	G93 E27 Filament LED 806lm (G93 CL)	5.9	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 44	1 - 78
667	Philips / Signify	ST64 E27 Filament LED 806lm (ST64 CL)	5.9	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 44	1 - 78
668	Philips / Signify	ST64 B22 LEDclassic Filament 806lm	6.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 44	1 - 78
669	Prime K R	4" (DL-PRIME-K-4-R15-840-45-SD)	15.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
670	Prime K R	6" (DL-PRIME-K-6-R20-840-75-D)	20.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
671	Prime K R	8" (DL-PRIME-K-8-R20-840-90-D)	20.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
672	Prime K R	8" (DL-PRIME-K-8-R30-840-90-D)	30.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 10	1 - 18
673	Province Lighting	GU10 200039 (6938274093234)	7.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 32	1 - 57
674	Province Lighting	GU10 200747 (4000K)	7.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
675	Province Lighting	GU10 200980 (3000K)	7.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60
676	Radiant	LED 140 GU10	5.0	Internal	Trailing Edge	1 - 18	1 - 31	1 - 34	1 - 66	1 - 116
677	Radiant	LED 121 GU10	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
678	Radiant	LED 121 RLL 121 CW GU10	5.5	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
679	Radiant	LED 121/1 RLL 121 DL GU10	7.0	Internal	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 26
680	Radiant	LED 122 GU10	7.0	Internal	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 26

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
681	Radiant	LED 112 GU10	7.0	Internal	Trailing Edge	1 - 2	1 - 3	1 - 3	1 - 7	1 - 12
682	Radiant	LED 025	25.0	Radiant 700mA driver	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 13
683	Radiant	LED 032	32.0	Radiant D700040NT	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 10	1 - 18
684	Radiant	LED076 GU10 6.5W	6.5	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
685	Radiant	GU10 6.5W	6.5	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 18	1 - 33
686	Radiant	GU10	5.0	Internal	Trailing Edge	1 - 16	1 - 28	1 - 31	1 - 60	1 - 107
687	Radiant	GU10 8W Sharp	8.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 80
688	Radiant	5.4W Downlighter LDL001	5.4	Radiant 350mA driver	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 81
689	Radiant	9.7W Downlighter LDL002	9.7	Radiant 350mA driver	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
690	Radiant	23W Downlighter LDL025	23.0	Radiant 700mA driver	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 13
691	Radiant	23W Downlighter LDL009	23.0	Radiant 700mA driver	Trailing Edge	1 - 2	1 - 4	1 - 4	1 - 8	1 - 13
692	Radium	RaLED PAR16 50 (431 19056)	4.6	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 93
693	Radium	RL-A60 DIM	10.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 34
694	Regent Lighting	Perox RS10W- 500mA	10.0	Lumotech Minidim 12VA	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 47
695	Regent Lighting	Kibo 70 (K70R)	13.0	Tridonic LCA 21W	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
696	Regent Lighting	Module 25W	25.0	Tridonic LCBI 25W	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 26
697	Renesola	GU10 (RG10D006AY03)	6.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 44
698	Renesola	Candle (RCD007AE01)	6.5	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41
699	Renesola	Bulb A60 (RA60D009AE01)	9.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
700	Robus	RTA9P230	9.2	Internal	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 136
701	Robus	9WDLCCCT3	9.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 35	1 - 62
702	Robus	RF7LEDDWW	9.0	Robus R10LED200DB	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
703	Robus	Taylor 3CCT	9.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 61
704	SAA	SP77 GU10	8.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
705	SAA	SP91 GU10	6.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 45	1 - 80
706	SAA	SP95 GU10	9.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 11	1 - 19
707	Samsung	SI-M8V073BD1EU PAR16	6.7	Internal	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 17	1 - 29
708	Samsung	SI-M8W0773BD1EU PAR16	6.7	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
709	Samsung	SI-M8V093BD1EU PAR16	7.7	Internal	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 16	1 - 28
710	Seoul Semi	Acrich AC3-2	5.0	COB	Trailing Edge	1 - 21	1 - 36	1 - 40	1 - 77	1 - 136
711	Schiefer Lighting	LF023841502 E14 Filament 140lm	1.5	Internal	Trailing Edge	1 - 75	1 - 130	1 - 144	1 - 277	1 - 492
712	Schiefer Lighting	LF023840302 E14 Filament 320lm	4.0	Internal	Trailing Edge	1 - 26	1 - 45	1 - 50	1 - 96	1 - 170
713	Schiefer Lighting	LF023830302 E14 Filament 320lm	4.0	Internal	Trailing Edge	1 - 26	1 - 45	1 - 50	1 - 96	1 - 170
714	Schiefer Lighting	LF023821502 E27 Filament 150lm	1.5	Internal	Trailing Edge	1 - 75	1 - 130	1 - 144	1 - 277	1 - 492
715	Schiefer Lighting	L023871302 E27 Filament 320lm	4.0	Internal	Trailing Edge	1 - 26	1 - 45	1 - 50	1 - 96	1 - 170
716	Schiefer Lighting	LF023870509 E27 Filament 140lm	5.5	Internal	Trailing Edge	1 - 18	1 - 31	1 - 34	1 - 65	1 - 116
717	Schiefer Lighting	L023810302 E27 Filament 320lm	4.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 159
718	Schiefer Lighting	LF023880302 E27 Filament 320lm	4.0	Internal	Trailing Edge	1 - 24	1 - 41	1 - 46	1 - 90	1 - 159
719	Smartglo	GU10-6W	6.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 81
720	Spazio Lighting	GU10 (LA 410540180902)	5.0	Internal	Trailing Edge	1 - 3	1 - 5	1 - 5	1 - 10	1 - 18
721	Spazio Lighting	GU10 (LA 4205903640)	5.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 45
722	Spazio Lighting	GU10 (LA 4207983627) 2700K	7.5	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
723	Spazio Lighting	GU10 (LA 4207983640) 4000K	7.5	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
724	Spazio Lighting	GU10 LED BULB	5.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
725	Spazio Lighting	GU10 410/40100702	7.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 69
726	Spazio Lighting	GU10 LA 410730200702	7.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 46	1 - 81
727	Spazio Lighting	GU10 (LA 42059027) SMD CRI80	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
728	Spazio Lighting	GU10 (LA 410530191102) SMD CRI80	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
729	Spazio Lighting	GU10 (LA 410540191102) SMD CRI80	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
730	Spazio Lighting	GU10 (LA 410560191102) SMD CRI80	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
731	Spazio Lighting	GU10 (LA 42059040) SMD CRI90	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
732	Spazio Lighting	GU10 (LA 4205903627) 2700K CRI90	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
733	Spazio Lighting	GU10 (LA 4205903630) 3000K CRI90	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
734	Spazio Lighting	GU10 (LA 4205903640) 4000K CRI90	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
735	Spazio Lighting	GU10 (LA 42059065)	5.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
736	Spazio Lighting	GU10 (LA 42059032) SMD CRI90	5.5	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 54	1 - 95

### Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
737	Spazio Lighting	GU10 (LA 41058030)	5.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
738	Spazio Lighting	G95 LED filament lamp	4.0	Internal	Trailing Edge	1 - 17	1 - 30	1 - 33	1 - 64	1 - 114
739	Spazio Lighting	Candle filament lamp (LA 4303504ES2701)	4.0	Internal	Trailing Edge	1 - 27	1 - 46	1 - 51	1 - 99	1 - 175
740	Spazio Lighting	TCI LD0091A (900mA x 4)	31.0	Tridonic LCBI 25W	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 21
741	Spazio Lighting	LED Panel lamp PR225A	18.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 34
742	Spazio Lighting	2478 Round Tilt D/L	15.0	Spazio 7317.350.18.D	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
743	Sunlit Technologies	LED GU10 (#20436) Cool White	5.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 54
744	Sunlit Technologies	LED GU10 (#20429) Warm White	5.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 54
745	Sunlit Technologies	LED GU10	7.0	Internal	Trailing Edge	1 - 16	1 - 27	1 - 30	1 - 59	1 - 105
746	Sunlit Technologies	LED A60 (#20207) Cool White	10.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 45
747	Sunlit Technologies	LED A60 (#20214) Warm White	10.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 45
748	Sunseon	T5 Dimmable LED Tube 1150mm	21.0	Sunseon	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 54
749	Sylvania	Candle LED C35 (161998020901)	5.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 86
750	Sylvania	GU10 RefLED ES50 dim	5.5	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
751	Sylvania	RefLED MR16 Eco (non dimmable)	6.5	External	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 37
752	Sylvania	RefLED+ ES50	6.8	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 39
753	Sylvania	RefLED+ ES50 V2	5.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
754	Sylvania	RefLED Superia ES50 V2.1	6.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
755	Sylvania	RefLED+ ES50 GU10 Dim 830	5.5	Internal	Trailing Edge	1 - 11	1 - 18	1 - 20	1 - 39	1 - 70
756	Sylvania	RefLED+ ES50 GU10 Dim 830 40d SL	6.5	Internal	Trailing Edge	1 - 4	1 - 6	1 - 7	1 - 15	1 - 27
757	Sylvania	RefLED ES50	5.5	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 90
758	Sylvania	RefLED ES50 DIM 460lm (6288)	6.3	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
759	Sylvania	ToLED0 Retro Candle (0028446)	4.5	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 44	1 - 78
760	Sylvania	RefLED ES50 Hi-Spot GU10	6.5	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 92
761	Synerji	GU10 (pre 0517)	5.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 42
762	Synerji	GU10 (0517)	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 41	1 - 73
763	Synerji	GU10 (0517)	6.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 52
764	Synerji	GU10 (0916)	6.5	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 23	1 - 41

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
765	Synerji	GU10 (0719 – 0822)	6.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
766	Synerji	GU10 (1222 ->)	6.5	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
767	Synerji	GU10	7.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 21	1 - 38
768	Synerji	LED Candle (1215)	5.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 45
769	Synerji	LED Candle (0918)	5.5	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 48	1 - 85
770	Synerji	LED Candle (0719)	5.5	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 40	1 - 72
771	Synerji	LED Candle SES (0822)	5.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
772	Synerji	LED Candle ES (0323)	5.5	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
773	Synerji	GLS Lamp E27 (0719)	10.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
774	Synerji	SYLC5.5CWBC (LED Candle 0523)	5.5	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
775	Synerji	SYLC5.5WWE14 (LED Candle 0523)	5.5	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
776	Synerji	SYLC5.5CWBC (LED Candle B22 0524)	4.2	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
777	Synerji	SYLC5.5CWES (LED Candle E27 0524)	4.2	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
778	Synerji	SYLC5.5CWE14 (LED Candle E14 0524)	4.2	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
779	Synerji	SYLC5.5WWB15 (LED Candle B15 0524)	4.2	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
780	Synerji	SYLC5.5WWBC (LED Candle B22 0524)	4.2	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
781	Synerji	SYLC5.5WWE14 (LED Candle B22 0524)	4.2	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
782	Synerji	SYLC5.5WWES (LED Candle E27 0524)	4.2	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
783	Synerji	SYL GU6.5CW (GU10 0524)	5.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
784	Synerji	SYL GU6.5DL (GU10 0524)	5.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
785	Synerji	SYL GU6.5WW (GU10 0524)	5.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
786	Synerji	SYFD001AMES (Deco Filament A165)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
787	Synerji	SYFD001SMES (Deco Filament A165)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
788	Synerji	SYFD002AMES (Deco Filament G200)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
789	Synerji	SYFD002SMES (Deco Filament G200)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
790	Synerji	SYFD003AMES (Deco Filament BT215)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
791	Synerji	SYFD003SMES (Deco Filament BT215)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
792	Synerji	SYFD004AMES (Deco Filament BT70)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
793	Synerji	SYFD004SMES (Deco Filament BT70)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
794	Synerji	SYFD005AMES (Deco Filament BT95)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
795	Synerji	SYFD005SMES (Deco Filament BT95)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
796	Synerji	SYFD006AMBC (Deco Filament A60)	3.0	Internal	Trailing Edge	1 - 26	1 - 45	1 - 50	1 - 97	1 - 172
797	Synerji	SYFD006AMES (Deco Filament A60)	3.0	Internal	Trailing Edge	1 - 26	1 - 45	1 - 50	1 - 97	1 - 172
798	Synerji	SYFD006CLES (Deco Filament A60)	3.0	Internal	Trailing Edge	1 - 26	1 - 45	1 - 50	1 - 97	1 - 172
799	Synerji	SYFD007AMBC (Deco Filament ST64)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
800	Synerji	SYFD007AMES (Deco Filament ST64)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
801	Synerji	SYFD007CLES (Deco Filament ST64)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
802	Synerji	SYFD008AMES (Deco Filament G125)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
803	Synerji	SYFD008CLES (Deco Filament G125)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
804	Synerji	SYFD009AMES (Deco Filament GRD5)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
805	Synerji	SYFD009SMES (Deco Filament GRD5)	4.0	Internal	Trailing Edge	1 - 19	1 - 33	1 - 37	1 - 72	1 - 127
806	Synerji	SYLGL11WWBC (GLS A60 0923)	11.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
807	Synerji	SYLGL11WWES (GLS A60 0923)	11.0	Internal	Trailing Edge	1 - 6	1 - 11	1 - 12	1 - 24	1 - 43
808	Synerji	SYLGL11DLES (GLS A60 0524)	14.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
809	Synerji	SYLGL11DLBC (GLS A60 0524)	14.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
810	Synerji	SYLGL11WWBC (GLS A60 0524)	14.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
811	Synerji	SYLGL11WWES (GLS A60 0524)	14.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 20	1 - 36
812	Swiss LED	GU10 SWISLGU55ED65	5.5	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 27	1 - 48
813	Swiss LED	GU10 E390SGNCA	5.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 44
814	Swiss LED	Bulb S2E0210D	10.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 35	1 - 63
815	The Light Bar	L004 GU10 3000k	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
816	The Light Bar	L005 GU10 4000k	5.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 43	1 - 76
817	Tridonic	Engine SLA AC G2 50mm SNC (28002834)	9.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 52
818	Venture Lighting	VLED DOM026	6.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
819	Venture Lighting	SPL071	5.0	Internal	Trailing Edge	1 - 12	1 - 20	1 - 22	1 - 43	1 - 76
820	Venture Lighting	SPL073	9.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 34	1 - 60

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
821	Venture Lighting	SPL070	12.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 44
822	Verbatim	#52017 PAR38 (E27)	18.0	Internal	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 16	1 - 29
823	Verbatim	#52019 Classic A E27	9.0	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 35	1 - 62
824	Verbatim	#52028 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
825	Verbatim	#52034 E27	20.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 33
826	Verbatim	#52040 GU10	6.0	Internal	Trailing Edge	1 - 14	1 - 23	1 - 26	1 - 51	1 - 91
827	Verbatim	#52041 GU10	8.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
828	Verbatim	#52045 GU10	6.5	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
829	Verbatim	#52047 Classic B E14	3.7	Internal	Trailing Edge	1 - 17	1 - 29	1 - 32	1 - 62	1 - 111
830	Verbatim	#52049 GU10	7.0	Internal	Trailing Edge	1 - 16	1 - 28	1 - 31	1 - 60	1 - 106
831	Verbatim	#52200 GU10	7.0	Internal	Trailing Edge	1 - 12	1 - 21	1 - 23	1 - 47	1 - 83
832	Verbatim	#52205 AR111 G53	15.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 33
833	Verbatim	#52206 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
834	Verbatim	#52207 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
835	Verbatim	#52208 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
836	Verbatim	#52209 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
837	Verbatim	#52210 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 35	1 - 62
838	Verbatim	#52211 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
839	Verbatim	#52212 MR16	3.5	Verbatim LW70	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
840	Verbatim	#52214 GU10	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
841	Verbatim	#52217 GU10	7.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 42	1 - 74
842	Verbatim	#52220 Classic A E27	7.5	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
843	Verbatim	#52224 MR16	6.5	Verbatim LW70	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 30	1 - 53
844	Verbatim	#52225 E27	7.7	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 36	1 - 64
845	Verbatim	#52230 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
846	Verbatim	#52231 MR16	7.0	Verbatim LW70	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 66
847	Verbatim	#52235 GU10	7.3	Internal	Trailing Edge	1 - 16	1 - 28	1 - 31	1 - 60	1 - 106
848	Verbatim	#52310 GU10	8.5	Internal	Trailing Edge	1 - 9	1 - 15	1 - 17	1 - 35	1 - 62

**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required)**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
849	Verbatim	#52308 GU10	6.0	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 27	1 - 47
850	Verbatim	#52322 E27 Globe	8.8	Internal	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 26	1 - 46
851	Verbatim	#52336 E27 Globe	9.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 16	1 - 32	1 - 56
852	Verbatim	#52611 G95 Large Globe	10.0	Internal	Trailing Edge	1 - 6	1 - 10	1 - 11	1 - 22	1 - 39
853	Verbatim	#52350 GU10	8.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 69
854	Verbatim	#52351 GU10	8.0	Internal	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 39	1 - 69
855	Verbatim	#52343 AR111	10.0	Verbatim #52900 (70W)	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 25	1 - 44
856	Verbatim	#64656 GU10	8.5	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 31	1 - 55
857	Verbatim	#65110 GU10	6.5	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 49	1 - 87
858	Verbatim	#65421 GU10 Warm-dim	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
859	Verbatim	AR111 ("non-dimmable")	14.5	Internal	Trailing Edge	1 - 3	1 - 5	1 - 6	1 - 12	1 - 22
860	Visionary	Iris 2 19W-Dx4K Downlighter	7.8	Phoenix P-220MA-D VF	Trailing Edge	1 - 7	1 - 12	1 - 13	1 - 27	1 - 48
861	Vossloh-Schwabe	GU10 #556799	6.0	Internal	Trailing Edge	1 - 5	1 - 8	1 - 9	1 - 19	1 - 34
862	Vossloh-Schwabe	GU10 #553220	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
863	Vossloh-Schwabe	GU10 #553221	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
864	Vossloh-Schwabe	GU10 #541126	7.0	Internal	Trailing Edge	1 - 13	1 - 23	1 - 25	1 - 50	1 - 89
865	Vossloh-Schwabe	LED COB Module #559774	10.0	Internal	Trailing Edge	1 - 11	1 - 19	1 - 21	1 - 41	1 - 73
866	Vossloh-Schwabe	LED COB Module #559779	15.0	Internal	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 52
867	Vossloh-Schwabe	LED COB Module #559784	20.0	Internal	Trailing Edge	1 - 5	1 - 9	1 - 10	1 - 21	1 - 36
868	Vossloh-Schwabe	Pro Series #550880	12.0	External Integrated	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
869	Vossloh-Schwabe	Pro Series #550882	12.0	External Integrated	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
870	Vossloh-Schwabe	Pro Series #550884	12.0	External Integrated	Trailing Edge	1 - 8	1 - 14	1 - 15	1 - 29	1 - 51
871	Vossloh-Schwabe	Pro Series #550885	18.0	External Integrated	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 17	1 - 30
872	Vossloh-Schwabe	Pro Series #550886	18.0	External Integrated	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 17	1 - 30
873	Vossloh-Schwabe	Pro Series #550887	18.0	External Integrated	Trailing Edge	1 - 4	1 - 7	1 - 8	1 - 17	1 - 30
874	Waco	GU10 Spotlight 6500K J0079480	7.0	External Integrated	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
875	Waco	GU10 Spotlight 4000K J0079481	7.0	External Integrated	Trailing Edge	1 - 10	1 - 17	1 - 19	1 - 37	1 - 65
876	Uniontech SA	GU10	5.0	Internal	Trailing Edge	1 - 14	1 - 24	1 - 27	1 - 52	1 - 92



**Shuttle Phase Cut Universal Dimmers (Live In and Load Out, No Neutral required )**

**Bell-Press dimmer models: 125W, 250W, 500W & 800W. Rotary dimmer models: 225W, 500W & 800W**

NO	LAMP BRAND	MODEL	W	DRIVER	DIMMING MODE (recommended)	MAXIMUM NUMBER OF LAMPS				
						125W	225W	250W	500W	800W
877	Zebbies	GU10 (#3799)	5.3	Internal	Trailing Edge	1 - 13	1 - 22	1 - 24	1 - 47	1 - 83
878	Generic	230VAC LED Striplight 60 LED/m *	8.25/m	Rectified Mains	Trailing Edge	1 - 16	1 - 28	1 - 31	1 - 60	1 - 107
879	Generic	Halogen 230VAC GU10	50.0	NA	Trailing Edge	1 - 2	1 - 4	1 - 5	1 - 10	1 - 16
880	Generic	Incandescent 230VAC Globe	60.0	NA	Trailing Edge	1 - 2	1 - 3	1 - 4	1 - 8	1 - 13
881	Generic	Incandescent 230VAC Globe	100.0	NA	Trailing Edge	1 - 1	1 - 2	1 - 2	1 - 5	1 - 8

## NOTES

- 1 All Shuttle universal dimmers are factory default in trailing edge mode since trailing edge dimming is recommended for most dimmable LED's and drivers
- 2 In cases of a specific LED being listed for leading and trailing edge, the leading edge data was requested by the supplier
- 3 If the LED or dimmer supplier does not provide measured data, calculate the maximum number of LED's per dimmer as follows:

$$\text{Max. number of LED's per dimmer} = \frac{\text{Dimmer Max. rating (W/VA)}}{\text{LED's equivalent GLS/Halogen wattage}}$$

- 4 All measurements are conducted at 230VAC 50Hz
- 5 All low voltage lamp loads INCLUDE electronic transformer or driver losses.
- 3 Flicker at low light intensity is sometimes unavoidable – please set the dimmer minimum dim to avoid flicker (refer to relevant dimmer data sheet)
- 4 Some LED's dim to a completely off state – please set the dimmer minimum level to avoid this condition (refer to relevant dimmer data sheet)
- 5 Some Low voltage lamps and transformer combinations might exhibit flicker at various light intensities or might not turn on – please set the dimmer in "MR16 compatibility mode"
- 6 Maximum Load applies only when:
  - A - Supply voltage does not exceed 230VAC
  - B - Dimmer is well ventilated (ambient temperature around the dimmer is below 35°C)
  - C - Only one dimmer per wallbox (please refer to the data sheets for derating factors for multiple dimmers per wallbox)

\* LED stays slightly on when dimmer is off – please use a capacitive dummy load as per Shuttle recommendation to avoid this condition

\*\* Lamps may flicker or "pulse" at low to medium intensities – unavoidable lamp characteristic but might be alleviated if the dimmer's minimum is set to above this

### **Shuttle Lighting Control Systems (Pty) Ltd - Lamp/driver dimmer compatibility testing Disclaimer**

Compatibility tests are conducted by Shuttle as guidance, without responsibility for the performance of the lamps and drivers.

The results shown are based on measurements in our test laboratory. Field results may differ from test results depending on conditions at the application site.

Results may vary due to variability in component choices and manufacturing processes by lamp and driver manufacturers.

Please refer to the lamp and driver manufacturers website for specifications, installation and operating instructions