

Connection Specifications

Tables below present the maximum number of luminaires that can be connected on one B16/C16 automate.

Category	Series	Types	DC Input Voltage	Max. units per B16	Max. units per C16	Max. inrush current (A)	Inrush time (µs)
LED Panel	Grille	21W / 36W	190 - 210	37	62	35	270
LED Panel	Grille	21W DALI	186 - 250	30	51	11	23
LED Panel	Grille	33W DALI/BLE Sq595	180 - 280	11	19	42	240
LED Panel	Grille	33W DALI/BLE Re298	180 - 280	11	19	42	240
LED Panel	Monza	35W	n/a	40	57	23	24
LED Panel	Monza	35W DALI/10V/BLE	180 - 280	21	35	21	162
LED Panel	Sydney	35W	n/a	40	57	23	24
LED Panel	Sydney	35W DALI/10V/BLE	180 - 280	21	35	21	162
LED Panel	Slim Performer G5	30W/30W DALI	180 - 280	16	25	25	500
LED Panel	Slim Performer G5	34W/34W DALI	180 - 280	16	25	25	500
LED Panel	Slim Performer G5	30W/34W BLE	180 - 280	16	25	25	500
LED Panel	Slim Performer G5	34W BLE W	180 - 280	21	35	45	143
LED Panel	Slim EcoMax	34W	n/a	11	19	32	350
LED Lima	Lima	15/18W DALI	180 - 260	17	28	25	330
LED Lima	Lima	30/36W DALI	180 - 260	15	26	20	400
LED Panel Suspended	Zenith	75W DALI	190 - 210	18	30	35	500
LED Panel Suspended	Zenith	75W BLE	200 - 300	32	35	39	103
LED Panel	Slim Basic G2	36W	150 - 300	36	60	13	254
LED Downlight	Performer HG/MW	11.5W / 11.5W DALI	200 - 300	55	92	20	356
LED Downlight	Performer HG/MW	15W / 15W DALI	200 - 300	55	92	20	356
LED Downlight	Performer HG/MW	23W / 23W DALI	200 - 300	26	43	18	800
LED Downlight	Performer HG/MW	33W / 33W DALI	200 - 300	26	43	18	800
LED Downlight	Performer HG/MW	11.5W / 15W BLE	n/a	55	92	24	100
LED Downlight	Performer HG/MW	23W / 33W BLE	n/a	26	43	20	240
LED Downlight	Performer HG/MW	25W BLE TW	n/a	21	35	45	143
LED Downlight	HZ ^{DIM}	7W	200 - 300	181	307	1,4	320
LED Downlight	HZ ^{DIM}	10W	200 - 300	126	214	1,6	708
LED Downlight	HZ ^{DIM}	13W	200 - 300	97	164	1,5	464
LED Downlight	HZ ^{DIM}	16W	200 - 300	79	134	1,6	288
LED Downlight	Slim EcoMax	12W	n/a	105	178	11	59
LED Downlight	Slim EcoMax	24W	n/a	52	88	11	56
LED Downlight	Basic	12W	200 - 300	168	263	9,4	80
LED Downlight	Basic	22W	200 - 300	44	74	29	94
LED Spot	Performer 3C Compact	12W	180 - 260	130	130	2	27,2
LED Spot	Performer 3C Compact	25W	310 - 340	85	85	7,8	79,7
LED Spot	Performer 3C Compact	35W	310 - 340	55	55	10	78,1
LED Spot	Performer 3C Compact	37W BLE	n/a	21	35	41	150
LED Spot	Performer 3C/RA	30W	200 - 300	13	22	45	500
LED Spot	Swing	20W	n/a	101	101	22	40
LED Spot	Swing	35W	n/a	57	57	24	23,5
LED Spot	Swing	35W DALI/BLE	180 - 280	24	40	41	150
LED Spot	Swing	35W 10V	200 - 300	24	40	41	150
LED Spot	3C EcoMax	30W	200 - 300	24	40	10	230
LED Spot	HQ	7W Dim	180 - 260	5	n/a	3	180
LED Spot	HQ	8W Dim	190 - 210	n/a	n/a	1	500

Category	Series	Types	DC Input Voltage	Max. units per B16	Max. units per C16	Max. inrush current (A)	Inrush time (µs)
LED Spot	Ava G2	5W	n/a	441	441	2,6	175
LED Spot	Ava G2	7W	n/a	314	314	2,6	175
LED Spot	EcoMax	4.5W	190 - 210	281	477	7	2
LED Linear	EcoMax	20W	n/a	41	70	30	500
LED Linear	EcoMax	40W/54W	n/a	26	44	180	2
LED Lowbay	Lowbay	30W	190 - 210	17	29	8,2	800
LED Lowbay	Lowbay	50W	190 - 210	11	19	10,4	1000
LED Lowbay	Lowbay	80W	180 - 260	8	13	48	592
LED Highbay	Performer G4	80W (DALI/Static)	190 - 210	11	18	52	250
LED Highbay	Performer G4	80W (BLE)	180 - 260	24	40	52	810
LED Highbay	Performer G4	80W (MD)	180 - 260	9	16	40	300
LED Highbay	Performer G4	115W (DALI/Static)	190 - 210	11	18	52	250
LED Highbay	Performer G4	115W (BLE)	180 - 260	24	40	52	810
LED Highbay	Performer G4	115W (MD)	180 - 260	9	16	40	300
LED Highbay	Performer G4	155W (DALI/Static)	190 - 210	5	9	35	650
LED Highbay	Performer G4	155W (BLE)	180 - 260	24	40	52	810
LED Highbay	Performer G4	155W (MD)	180 - 260	2	4	51	810
LED Highbay	Performer G4	230W (DALI/Static)	190 - 210	5	9	35	650
LED Highbay	Performer G4	230W (BLE)	180 - 260	24	40	52	810
LED Highbay	Performer G4	155W (MD)	180 - 260	2	4	51	810
LED Highbay	EcoMax	95W/140W/185W	n/a	24	40	40	5
LED Waterproof	Performer G3 L710	12.5W	150 - 300	206	206	10,2	50
LED Waterproof	Performer G3 L710	24W	150 - 300	64	106	18,4	100
LED Waterproof	Performer G3 L1310	24W	150 - 300	64	106	18,4	100
LED Waterproof	Performer G3 L1310	38W	150 - 300	56	56	18,4	100
LED Waterproof	Performer G3 L1610	31W	150 - 300	56	84	20,8	100
LED Waterproof	Performer G3 L1610	47W	150 - 300	44	44	19,8	100
LED Waterproof	Performer G3 L1610	54W	150 - 300	39	39	26,8	100
LED Waterproof	Performer G3 L710	12.5W (DALI/BLE)	150 - 300	24	40	41	240
LED Waterproof	Performer G3 L710	24W (DALI/BLE)	150 - 300	24	40	41	240
LED Waterproof	Performer G3 L1310	24W (DALI/BLE)	150 - 300	24	40	41	240
LED Waterproof	Performer G3 L1310	38W (DALI/BLE)	150 - 300	24	40	41	240
LED Waterproof	Performer G3 L1610	31W (DALI/BLE)	150 - 300	24	40	41	240
LED Waterproof	Performer G3 L1610	47W (DALI/BLE)	150 - 300	24	40	41	240
LED Waterproof	Performer G3 L1610	54W (DALI/BLE)	150 - 300	24	40	41	240
LED Waterproof	Classic	20W	280 - 360	56	90	13	92
LED Waterproof	Classic	29W	280 - 360	26	50	19	103
LED Waterproof	Classic	43W	280 - 360	21	34	19	103
LED Waterproof	Classic	53W	280 - 360	20	34	19	103
LED Waterproof	EcoMax G2 L680	10W	n/a	24	40	8	60
LED Waterproof	EcoMax G2 L680	20W	n/a	24	40	8	80
LED Waterproof	EcoMax G2 L1280	18W	n/a	24	40	8	80
LED Waterproof	EcoMax G2 L1250	37W	n/a	24	40	10	80
LED Waterproof	EcoMax G2 L1550	27W	n/a	24	40	10	100
LED Waterproof	EcoMax G2 L1550	50W	n/a	24	40	13	50
LED Waterproof	Basic	36W	n/a	46	67	12,3	240
LED Waterproof	Basic	50W	n/a	42	42	8,7	150
LED Trunking	Trunking	35W	180 - 260	38	63	15	250
LED Trunking	Trunking	35WDALI	180 - 260	38	63	15	180
LED Trunking	Trunking	50W	180 - 260	18	30	40	178
LED Trunking	Trunking	50WDALI	180 - 260	14	23	40	178

Appendix

Version April 2021
Data subject to change

Category	Series	Types	DC Input Voltage	Max. units per B16	Max. units per C16	Max. inrush current (A)	Inrush time (µs)
LED Trunking	Trunking	70W	180 - 260	12	20	40	178
LED Trunking	Trunking	70WDALI	180 - 260	14	23	40	178
LED T8 Batten	T8 Batten	19W / 38W	150 - 300	44	74	17,2	660
LED Streetlight	Streetlight G2	20W / 40W	200 - 300	29	49	17	250
LED Streetlight	Streetlight G2	65W	190 - 210	11	18	14,1	400
LED Roadlight	Roadlight	90W	190-210	7	12	19	1740
LED Roadlight	Roadlight	120W	190-210	5	9	41	510
LED Roadlight	Roadlight	150W	190-210	4	8	49	500
LED Roadlight	Roadlight	200W	190-210	3	6	50	600
LED Roadlight	EcoMax	80W/100W	200 - 300	8	20	410	252
LED Flood	Performer	90W / 125W / 160W	190 - 210	11	18	35	800
LED Flood	Performer	220W	180 - 280	3	5	66,5	540
LED Flood	EcoMax G2	30W	310	93	94	8	38,2
LED Flood	EcoMax G2	50W	310	10	13	70	5,3
LED Flood	EcoMax G2	70W	310	16	21	44	10,1
LED Flood	EcoMax G2	10W	200 - 300	50	83	3	90
LED Flood	EcoMax G2	19W	200 - 300	110	130	6	190
LED Porchlight	EcoMax	5W/6W	200 - 300	200	350	18	20
LED Wallmounted	Performer	15W/16W	200 - 300	122	122	25,2	4,8
LED Wallmounted	Performer	21W/22W	200 - 300	90	90	25,2	4,8
LED Wallmounted	EcoMax G2	14W	n/a	64	106	74	25
LED Wallmounted	EcoMax G2	22W	n/a	84	84	28	25
LED PostTop	Performer	33W	200 - 300	16	26	50	134
LED PostTop	Performer	50W	200 - 300	15	25	50	134
LED PostTop	Performer	68W	200 - 300	14	23	150	70
LED Bollard	Performer	10.5W	180 - 260	75	96	10	25
LED Flood HO	Flood HO	310W	190 - 210	2	4	27	1500
LED Flood HO	Flood HO	620W	190 - 210	2	3	28,5	2820