

The table shows the minimum and maximum of each products that fits onto each driver.

To place an order use the driver product codes below.

[illegible]310

*Requires a PDCINT1-10V interface to make it 1 - 10V dimmable

[illegible]

Products per driver matrix

The table shows the minimum and maximum of each products that fits onto each driver.

To place an order use the driver product codes below.

	PSI624	PS3024B	PSMD3024	LS06024	PSDIP6024	PS7624	PSDIP10024	PSMDIP10024	LS012024	PSIP16024	PSDAL20024	PSIP26024	DRV360700TD (350mA & 500mA)
Driver information													
Constant current or Constant voltage	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CC
Output classification	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	350mA-500mA
IP rating	IP20	IP20	IP20	IP20	IP66	IP20	IP66	IP66	IP20	IP67	IP66	IP67	IP20
Dimmable	1-10V*	1-10V*	Mains	No	1-10V	1-10V*	1-10V	Mains	No	1-10V*	1-10V	1-10V*	Mains (Triac)
DIN rail mount	No	No	No	No	No	No	No	No	No	No	No	No	No
Plug & Play	No	No	No	No	No	No	No	No	No	No	No	No	No

Landscape													
BOLO1 Page 269													4-14
GL016 Page 187													3-12
GL016 Frosted Page 188													4-14
GL018 Page 166	1-30	1-60	36-60	1-120	1-120	1-150	1-200	1-200	1-240	1-300	1-400	1-500	
GL019 Page 169													3-12
GL019 Frosted Page 170													3-12
GL021 Page 213													4-14
GL022 Page 214													4-14
GL034 Page 209													2-6
GL038 Page 200													2-6
GL040 Page 194													2-6
GL040 Frosted Page 195													3-12
GL100 Page 176													3-12
SL030 Page 222													4-14
SL040A Page 223													
SL130 Page 222													4-14
SL220 Page 224													2-6
SL230 Page 228													1-3
SL230 Single Head Page 226													2-6
Spydra Page232													2-4
UL010 Page 241													3-12
UL030 Page 240													2-6

DRV160700 (150mA-350mA)	DRV160700 (400mA-700mA)	DRV360700TD (700mA)	PLD UNI-DRIVE 350MA	PSDAL350M	PSDIM350	PSIP360W	PSIP36018W	PLDM70011	PLD UNI-DRIVE 700MA	PSDAL700M	PSDIM700	PSIP70018W	PSIP70036W	PSDAL900M	PSDIM900	PSDIM180
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
150mA-350mA	400mA-700mA	700mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	700mA	700mA	900mA	900mA	180mA
IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP20	IP20	IP20	IP20	IP65	IP65	IP20	IP20	IP20
No	No	Mains (Triac)	1-10V	DALI or 1-10V	1-10V	No	No	Mains	1-10V	DALI or 1-10V	1-10V	No	No	DALI	1-10V	Mains
No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	Yes

*Requires a PDCINTI-10V interface to make it 1 - 10V dimmable

1-15	1-14	4-9	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17			
1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16			
1-15			1-10	1-18	1-18	1-8	9-17									
1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16			
1-13			1-16	1-23	1-23	1-7	8-15									
1-15			1-10	1-18	1-18	1-8	9-17									
1-15			1-10	1-18	1-18	1-8	9-17									
1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-11	1-11	1-3	4-7			
1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-11	1-11	1-3	4-7			
1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-11	1-11	1-3	4-7			
1-13			1-16	1-23	1-23	1-7	8-15									
1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16			
1-15	1-14	4-9	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17			
	1-4	2-3							1-3	1-6	1-6	1-2	3-5			
1-15	1-14	4-9	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17			
1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-11	1-11	1-3	4-7			
1-3	1-3	1-2	1-4	1-6	1-6	1-2	3-4		1-3	1-5	1-5	1-1	2-3			
1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-11	1-11	1-3	4-7			
1-4	1-4	1-2	1-3	1-5	1-5	1-2	3-5		1-4	1-7	1-7	1-2	3-5			
1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16			
1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-11	1-11	1-3	4-7			

Products per driver matrix

Choose the right power repeater and driver

Colour change

For all constant current products you will need the **PR3011** and for all constant voltage products you will need the **PR3002**.

Once you know how many products will be installed in your zone use the relevant tables to work out how many power repeaters you will need and which driver to power them.

Do this
for each
zone

LSR05 - Bespoke lengths available

Length of strip per power repeater	Wattage driver required	Product (driver)
Up to 2m per PR3002	60W	LSD6024
Up to 5m per PR3002	120W	LSD12024
Up to 10m per PR3002	150W	PSIP15024

The products will be powered by power repeaters that require a 24V driver. The table below shows which driver is needed for the number of power repeaters being used.

Products per PR3011

Product code	Max. per PR3011
GL016RGBW	6
GL090RGBW	2

Products per PR3011

Product code	Max. per PR3011
WL070RGBW	1
UL010RGBW	6
UL030RGBW	2

PR3011's per driver

Number of PR3011's	Wattage driver required	Product (driver)
1	60W	LSD6024
2 - 3	120W	LSD12024
4 - 5	150W	PSIP15024

Power repeater comparison

Choose the right power repeater and driver

	Constant current / Constant Voltage	Rated wattage	Input current	Input voltage	Output current	Output voltage	Ambient temperature (TA=°C)	Case temperature (TC=°C)	Control	IP rating	Loop in / loop out	Din rail mount	Protection	Dimensions	Weight	Connections	Accessories	Warranty
PR3011	CC	4 x 8.4W max.	1.6A max.	24V DC	4 x 350mA	4 x 24V max.	40°C	70°C	CCDRV100____ CCDRV200____	IP20	Yes		Short circuit & overheating	H: 28.5 mm L: 170 mm W: 58 mm	165g	Screw terminals < 2.5mm² cable		5 years guarantee
PR3002	CV	39W channel max.	6.5A max.	24V DC	4 x 1.6A	4 x 24V	40°C	70°C	CCDRV100____ CCDRV200____	IP20	Yes		Short circuit & overheating	H: 28.5mm L: 170mm W: 58mm	165g	Screw terminals < 2.5mm² cable		5 years guarantee

Dimming interface

Choose the right dimming interface

	Type of interface	Rated wattage	Input current	Input voltage	Output current	Output voltage	Power factor	Ambient temperature (TA=°C)	Case temperature (TC=°C)	Control	Double insulation	Efficiency	IP rating	Inrush current	Loop in / loop out	Din rail mount	Protection	SELV	Dimensions	Weight	Connection output	Input cable	Output cable	Accessories	Warranty
PDCINT1-10V	1-10V for 24V drivers	288W	12A max.	24V DC	12A max.	24V DC		-25°C to 40°C	-25°C - 40°C	70°C			DALI-2, PUSH DIM, 0-10V and 1-10V						H: 28mm L: 138mm W: 40mm	80g	Terminals	4mm² max.	1.5mm² max.		1 year

Driver comparison

For full driver specifications visit our website collingwoodlighting.com

	Rated voltage (Output)	Output voltage	Output current	Input wattage (Maximum)	Input voltage	Input current (Maximum)	Inrush current	Power factor	Ambient temperature (T _A =°C)	Control	Double insulation	Efficiency	IP rating	Plug & Play	Loop in / loop out	Din rail mount	Protection	SELV	Dimensions	Weight	Connection output	Input cable	Output cable	Accessories	Warranty
EUP30TIHMC0	30W	3-40V DC	750mA	30W	220-240VAC, 50-60Hz	0.17A	15A	0.9	-20°C - 50°C	Mains		87%	IP20	Yes				Yes	H: 42.5mm L: 185mm W: 28.5mm	150g	Terminals	0.75 - 2.5mm ²	0.75 - 2.5mm ²		3 Years
LSD12024	120W	24V DC	5A max	120W	220-240VAC, 50-60Hz	0.64A	36A 0.183ms	0.9	-15°C - 45°C	Dimmable with PDCINTI-10V	Yes	90%	IP20	No	No	No	Mains Surge, Short / Open Circuit	Yes	H: 30mm L: 300mm W: 40mm	425g	Terminals	0.75 - 1.5mm ²	0.75 - 1.5mm ²		5 years
LSD6024	60W	24V DC	2.5A max	60W	220-240VAC, 50-60Hz	0.32A	37A 0.215ms	0.9	-15°C - 45°C	Dimmable with PDCINTI-10V	Yes	>89%	IP20	No	No	No	Mains Surge, Short / Open Circuit	Yes	H: 30mm L: 180mm W: 52mm	296g	Terminals	0.75 - 1.5mm ²	0.75 - 1.5mm ²		5 years
DRV150700	30W	2.5-42VDC	150-700mA	30W	220-240VAC	150mA-700mA	5.38A 0.032ms	0.95	45°C	Non-dimmable	Yes	89%	IP20			No	Open Circuit, Short Circuit, Over Temperature Self Reset	Yes	H: mm L: mm W: mm		Push-fit terminals		0.75 - 1.5mm ²		5 years
DRV350700TD	20W	350mA: 9-40V - 500mA: 9-40V - 700mA: 9-29V	350-700mA	20W	220-240VAC	350-700mA	15A 0.09ms	0.95	50°C	Mains (Triac)	Yes	81%	IP20			No	Open Circuit, Short Circuit, Over Temperature Self Reset	Yes	H: mm L: mm W: mm	130g	Push-fit terminals				5 Years
PLD UNI-DRIVE 350MA	N/A	2-46V	350mA	18W	110-240V AC	0.14A	5A 0.05ms	0.98	-25°C - 50°C	1-10V	Yes	80%	IP20			No	Short circuit, overload & overheating	Yes	H: 22mm L: 103mm W: 67mm	100g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ² max.		5 years
PLD UNI-DRIVE 700MA	N/A	2-36V	700mA	30W	110-240V AC	0.14A	5A 0.05ms	0.98	-25°C - 50°C	1-10V	Yes	80%	IP20			No	Short circuit, overload & overheating	Yes	H: 22mm L: 103mm W: 67mm	100g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ² max.		5 years
PLDM70011	N/A	12V	700mA	12W	220-240V AC	0.05A	15A 0.5ms	0.95	-25°C - 40°C	Mains	Yes	>80%	IP20	Yes		No	Open circuit & short circuit	Yes	H: 28mm L: 78mm W: 50mm	70g	Plug & Play	0.15m, 0.75mm ² 2-core cable	AWG24 with plug & play connector		7 years
PS1524	15W	24V DC	0.625A max.	18W	220-240V AC	0.08A	28A 0.02ms	0.5	45°C	Dimmable with PDCINTI-10V	Yes	>84%	IP20			No	Short circuit, overload & overheating	Yes	H: 19mm L: 103mm W: 35.5mm	80g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ²	PDCINTI-10V Dimming interface	3 Years
PS3024B	30W	24V DC	1.25A max	36W	220-240V AC	0.24A	20A 0.78ms	0.9	-20°C - 45°C	Dimmable with PDCINTI-10V	Yes	>80%	IP20			No	Short circuit, overload & overheating	Yes	H: 30mm L: 143mm W: 45mm	146g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ²	PDCINTI-10V Dimming interface	3 Years
PS250600MA	25W	14-42V	250mA - 600mA	29W	220-240VAC, 50-60Hz	0.18A	40A 0.35ms	0.95	-20°C - 45°C	DALI, 0-10V, PUSH DIM	Yes	85%	IP20	No	No		Over Voltage, Short Circuit, Thermal	Yes	H: 30mm L: 125mm W: 76mm	190g	DC Plug and Play Connector	0.75 - 1.5mm ²	0.5 - 1.5mm ²		5 years

Driver comparison

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	Rated voltage (Output)	Output voltage	Output current	Input wattage (Maximum)	Input voltage	Input current (Maximum)	Inrush current	Power factor	Ambient temperature (T _A =°C)	Control	Double insulation	Efficiency	IP rating	Plug & Play		Loop in / loop out	Din rail mount	Protection	SELV	Dimensions	Weight	Connection output	Input cable	Output cable	Accessories	Warranty
PS6501100MA	46W	14-42V	650mA - 1100mA	53W	220- 240VAC, 50-60Hz	0.3A	40A 0.35ms	0.95	-20°C - 45°C	DALI, 0-10V, PUSH DIM	Yes	87%	IP20	No		No		Over Voltage, Short Circuit, Thermal	Yes	H: 30mm L: 125mm W: 76mm	190g	DC Plug and Play Connector	0.75 - 1.5mm ²	0.5 - 1.5mm ²		5 years
PS7524	75W	24V DC	3.13A max.	90W	200- 240V AC	0.4A	75A 0.11ms	0.9	-20°C - 45°C	Dimmable with PDCINT1-10V	Yes	85%	IP20			No		Short circuit, overload, overheating & over voltage	Yes	H: 28.2mm L: 170mm W: 44.5mm	221g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ²		3 Years
PSDAL20024	200W	24V DC	8.33A max.	240W	220- 240V AC	1.4A	56A 640µs	0.98	-25°C - 50°C	DALI	Yes	>85%	IP66			No		Short circuit, overload & overheating	Yes	H: 53mm L: 125mm W: 80mm	1800g	Flying Lead	Mains: 0.25m, 1mm ² 3-core cable Ø: 7.5mm DALI: 0.25m, 0.75mm ² 2-core cable Ø: 7mm	0.25m, 1.5mm ² 2-core cable Ø 9mm		3 Years
PSDAL350M	N/A	2-74V	350mA	30W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V & DALI	Yes	90%	IP20			No		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ² max.		5 years
PSDAL700M	N/A	2-71V	700mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V & DALI	Yes	90%	IP20			No		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		5 years
PSDAL900M	N/A	2-55V	900mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V & DALI	Yes	>80%	IP20			No		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		7 years
PSDIM180	N/A		180mA	8.5W	220- 240V AC	0.038A	20A 0.4ms	0.9	-25°C - 50°C	Mains	Yes	74%	IP20	Yes		Yes	No	Open / Short Circuit - Power Cycle Reset	Yes	H: 30mm L: 118mm W: 46mm	103g	Plug & Play		H03VVH2-F with connector		3 Years
PSDIM350	N/A	2-74V	350mA	30W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V	Yes	>80%	IP20			No		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		5 years
PSDIM700	N/A	2 - 71V	700mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V	Yes	80%	IP20			No		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		7 years
PSDIM900	N/A	2-55V	900mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V	Yes	>80%	IP20			No		Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		7 years
PSDIP10024	100W	24V DC	4.15A max.	120W	220- 240V AC	0.546A	45A 0.7ms	0.98	40°C	0-10V	Yes	>80%	IP66			No		Short circuit, overload & overheating	Yes	H: 44mm L: 230mm W: 68mm	1200g	Flying Lead	Mains: 0.25m, 1mm ² 3-core cable Ø: 7.5mm 1-10V: 0.25m, 0.75mm ² 2-core cable Ø: 6.5mm	0.25m, 1.5mm ² 2-core cable Ø: 7mm		3 Years

Driver comparison

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	Rated voltage (Output)	Output voltage	Output current	Input wattage (Maximum)	Input voltage	Input current (Maximum)	Inrush current	Power factor	Ambient temperature (TA=°C)	Control	Double insulation	Efficiency	IP rating	Plug & Play		Loop in / loop out	Din rail mount	Protection	SELV	Dimensions	Weight	Connection output	Input cable	Output cable	Accessories	Warranty
PSIP15024	150W	24V DC	6.3A max.	178W	220- 240V AC	0.80A	45A 1ms	0.95	50°C	Dimmable with PDCINTI-10V	Yes	>85%	IP67				No	Short circuit, overload & overheating	Yes	H: 37mm L: 190mm W: 62mm	1200g	Flying Lead	0.25m, 1mm ² 3-core cable Ø: 7.5mm	0.25m, 1mm ² 2-core cable Ø 8mm	PDCINTI-10V Dimming interface	3 Years
PSIP25024	250W	24V DC	10.4A max.	285W	220- 240V AC	1.6A	30A 0.2ms	0.96	50°C	Dimmable with PDCINTI-10V	Yes	84%	IP67				No	Short circuit, overload & over current	Yes	H: 36mm L: 220mm W: 62mm	875g	Flying Lead	0.25m, 1mm ² 3-core cable Ø: 7.5mm	0.25m, 2mm ² 2-core cable Ø: 9mm	PDCINTI-10V Dimming interface	3 Years
PSIP35018W	18W	25 - 50V	350mA	20W	220- 240V AC	0.1A	13A 0.1ms	0.9	50°C	Non- dimmable	Yes	83%	IP65				No	Short circuit, overload & overheating	Yes	H: 25mm L: 180mm W: 42mm	200g	Flying Lead	0.2m, 1mm ² 2-core cable Ø: 7mm	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
PSIP3509W	9W	2.5 - 25V	350mA	11W	220- 240V AC	0.05A	8A 0.1ms	0.9	50°C	Non- dimmable	Yes	82%	IP65				No	Short circuit, overload & overheating	Yes	H: 24mm L: 160mm W: 38mm	200g	Flying Lead	0.2m, 1mm ² 2-core cable Ø: 7mm	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
PSIP70018W	18W	2.5 - 25V	700mA	20W	220- 240V AC	0.1A	12A 0.1ms	0.9	50°C	Non- dimmable	Yes	83%	IP65				No	Short circuit, overload & overheating	Yes	H: 24mm L: 160mm W: 38mm	200g	Flying Lead	0.2m, 1mm ² 2-core cable Ø: 7mm	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
PSIP70036W	36W	25 - 50V	700mA	40W	220- 240V AC	0.18A	18A 0.1ms	0.9	50°C	Non- dimmable	Yes	85%	IP65				No	Short circuit, overload & overheating	Yes	H: 25mm L: 180mm W: 42mm	250g	Flying Lead	0.2m, 1mm ² 2-core cable Ø: 7mm	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
PSMD3024	30W	24V DC	1.25A	30W	180- 240V AC	0.18A	3A 0.08ms	0.95	50°C	Mains	Yes	>83%	IP20				No	Short circuit, overload & overheating	Yes	H: 45mm L: 185mm W: 65mm	450g	Terminals	0.75-4.0mm ² max.	0.5-4.0mm ² max.		3 Years
PSMDIP10024	100W	24V DC	4.17A max.	120W	180-264V AC	0.8A	30A 0.2ms	0.6		Mains	Yes	85% with max load	IP66				No	Short circuit, overload & over current	Yes	H: 43mm L: 230mm W: 70mm	1300g	Flying Lead	0.25m, 1mm ² 3-core cable Ø: 7.5mm	0.25m, 1mm ² 2-core cable Ø: 7mm		1 Year Warranty