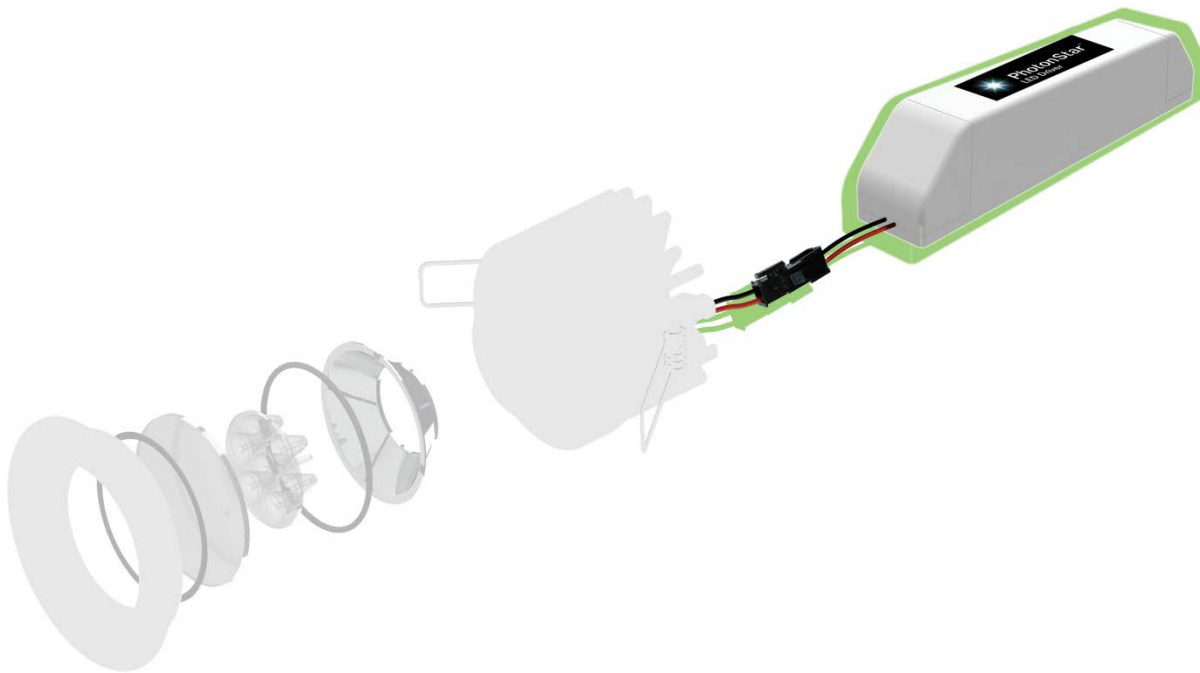




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- DALI /DMX / 1-10V / Push dim / non dimmable
- IP20 / IP64 / IP67



Driver Table A

Light Engine: **Pluto 300**

* @ max load. All values are typical unless stated

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage min	Voltage max	Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
6W-DVR-2-ND-350	Non dimmable constant current driver, 6W, 350mA, IP20	Pluto 300: one unit only	100-240V	3V	24V	350mA	6W	0.70	39 x 23 x 90	50g	IP20	20m	50mm
10W-DVR-1-ND-350	Non dimmable constant current driver, 10W, 350mA, IP67	Pluto 300: min 1 unit, max 2 units	95-265V	2V	28V	350mA	10W	0.50	27 x 35 x 86	165g	IP67	40m	49mm
10W-DVR-2-ND-350	Non dimmable constant current driver, 10W, 350mA, IP20	Pluto 300: min 1 unit, max 2 units	198-265V	8V	32V	350mA	10W	0.95	31 x 31.5 x 179	120g	IP20	40m	49mm
18W-DVR-1-ND-350	Non dimmable constant current driver, 18W, 350mA, IP67	Pluto 300: min 1 unit, max 4 units	100-265V	12V	58V	350mA	18W	0.96	30.5 x 40 x 133	300g	IP67	70m	55mm
17W-DVR-1-ND-350	Non dimmable constant current driver, 17W, 350mA, IP20	Pluto 300: min 1 unit, max 3 units	198-265V	9V	48V	350mA	17W	0.95	31 x 31.5 x 179	120g	IP20	70m	49mm

Mains Dimmable

15W-DVR-2-TD-350	Mains dimmable constant current driver, 15W, 350mA, IP20	Pluto 300: one unit only	176-265V	12V	21V	350mA	15W	0.90	56 x 29 x 82	145g	IP20	60m	68mm
15W-DVR-3-TD-350	Mains dimmable constant current driver, 15W, 350mA, IP20	Pluto 300: min 3 units, max 3 units	176-265V	26V	48V	350mA	15W	0.90	56 x 29 x 82	145g	IP20	60m	68mm

1-10V Dimmable – Does not switch off with the dimming control

18W-DVR-1-1_10D-350	1-10V dimmable constant current driver, 18W, 350mA, IP67	Pluto 300: min 1 unit, max 3 units	220-240V	12V	48V	350mA	18W	0.96	40 x 30.5 x 133	300g	IP67	60m	55mm
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1-10V Dimmable – Dims down to 0%

20W-DVR-1-1_10D-350	1-10V dimmable constant current driver, 20W, 350mA, IP20	Pluto 300: min 1 unit, max 2 units	220-240V	3.2V	29V	350mA	20W	0.90	52 x 23 x 111	110g	IP20	60m	62mm
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Push Dimmable

20W-DVR-1-1_10D-350	1-10V / push dim constant current driver, 20W, 350mA, IP20	Pluto 300: min 1 unit, max 2 units	220-240V	3.2V	29V	350mA	20W	0.90	52 x 23 x 111	110g	IP20	60m	62mm
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DALI

33W-DVR-1-DALI-350	DALI dimmable constant current driver, 33W, 350mA, IP20	Pluto 300: min 2 units, max 3 units	198-265V	15V	48V	350mA	33W	0.95	31.5 x 31 x 179	120g	IP20	60m	49mm
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Low Voltage

15W-LVDVR-24V-1-ND-350	1-10V dim. LV constant current driver, 15W, 350mA, IP66	Pluto 300: min 1 unit, max 2 units	24V	2V	34V	350mA	15W	N/A	34 x 19 x 45	80g	IP66	60m	44mm
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Driver Table B

Light Engine: **Pluto 390**

* @ max load. All values are typical unless stated

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage min	Voltage max	Current	Power	Power Factor	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
30W-DVR-1-ND-500	Non dimmable constant current driver, 30W, 500mA, IP20	Pluto 390: min 1 unit, max 2 units	198-265V	9V	33V	500mA	30W	0.95	31 x 31.5 x 179	120g	IP20	60m	49mm

1-10V Dimmable – Dims down to 0%

20W-DVR-1-1_10D-500	1-10V dimmable constant current driver, 20W, 500mA, IP20	Pluto 390: min 1 unit, max 2 units	220-240V	3.2V	29V	500mA	20W	0.90	52 x 23 x 111	110g	IP20	40m	62mm
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Light Engines: Titan 500 / Mercury 630 / Jupiter 1500

* @ max load. All values are typical unless stated

Driver Table C

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage min	Voltage max	Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
10W-DVR-1-ND-700	Non dimmable constant current driver, 10W, 700mA, IP67	Titan 550: one unit only Mercury 630: one unit only	100-265V	2.3V	15V	700mA	10W	0.50	23 x 40 x 81	155g	IP67	10m	51mm
10W-DVR-2-ND-700	Non dimmable constant current driver, 10W, 700mA, IP20	Titan 550: one unit only Mercury 630: one unit only	198-265V	2V	15V	700mA	10W	0.95	31 x 31.5 x 179	120g	IP20	10m	49mm
36W-DVR-1-ND-700	Non dimmable constant current driver, 36W, 700mA, IP67	Titan 550: min 2 units, max 4 units Mercury 630: min 2 units, max 4 units Juptier 1500: one unit only	100-265V	12V	48V	700mA	36W	0.97	30.5 x 40 x 133	300g	IP67	40m	55mm
30W-DVR-1-ND-700	Non dimmable constant current driver, 30W, 700mA, IP20	Titan 550: min 1 unit, max 4 units Mercury 630: min 1 unit, max 4 units Juptier 1500: one unit only	198-265V	9V	48V	700mA	30W	0.95	31 x 31.5 x 179	120g	IP20	30m	49mm

Mains Dimmable

15W-DVR-3-TD-700	Mains dimmable constant current driver, 15W, 700mA, IP20	Titan 550: min 2 units, max 2 units Mercury 630: min 2 units, max 2 units	176-265V	16V	24V	700mA	15W	0.90	56 x 29 x 82	145g	IP20	20m	68mm
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1-10V Dimmable – Does not switch off with the dimming control

36W-DVR-1-1_10D-700	1-10V dimmable constant current driver, 36W, 700mA, IP67	Titan 550: min 2 units, max 4 units Mercury 630: min 2 units, max 4 units Juptier 1500: one unit only	240V	12V	48V	700mA	36W	0.96	40 x 30.5 x 133	300g	IP67	30m	55mm
25W-DVR-1-1_10D-700	1-10V dim/push dim constant current driver, 25W, 700mA, IP20	Titan 550: min 1 unit, max 3 units Mercury 630: min 1 unit, max 3 units Juptier 1500: one unit only	110-240V	3V	36V	700mA	25W	0.90	70 x 22 x 105	120g	IP20	30m	78mm
30W-DVR-2-1_10D-700	1-10V dimmable constant current driver, 30W, 700mA, IP64	Titan 550: min 4 units, max 4 units Mercury 630: min 4 units, max 4 units	120-277V	30V	42V	700mA	30W	0.90	40 x 27 x 70	120g	IP64	30m	53mm
25W-DVR-2-1_10D-700	1-10V dimmable constant current driver, 25W, 700mA, IP64	Titan 550: min 3 units, max 3 units Mercury 630: min 3 units, max 3 units	120-277V	25V	35V	700mA	25W	0.90	40 x 27 x 70	120g	IP64	30m	53mm

1-10V Dimmable – Dims down to 0%

20W-DVR-1-1_10D-700	1-10V dimmable constant current driver, 20W, 700mA, IP20	Titan 550: min 1 unit, max 2 units Mercury 630: min 1 unit, max 2 units Juptier 1500: one unit only	220-240V	3.2V	29V	700mA	20W	0.90	52 x 23 x 111	110g	IP20	30m	62mm
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Push Dimmable

20W-DVR-1-1_10D-700	1-10V / push dim constant current driver, 20W, 700mA, IP20	Titan 550: min 1 unit, max 2 units Mercury 630: min 1 unit, max 2 units Juptier 1500: one unit only	220-240V	3.2V	29V	700mA	20W	0.90	52 x 23 x 111	110g	IP20	30m	62mm
25W-DVR-1-1_10D-700	1-10V / push dim constant current driver, 25W, 700mA, IP20	Titan 550: min 1 unit, max 3 units Mercury 630: min 1 unit, max 3 units Juptier 1500: one unit only	110-240V	5V	36V	700mA	25W	0.90	70 x 22 x 105	120g	IP20	30m	78mm
50W-DVR-1-DALI-700	Universal 1-10/DALI/push dim driver, 50W, 700mA, IP20	Titan 550: min 1 unit, max 4 units Mercury 630: min 1 unit, max 4 units Juptier 1500: one unit only	220-240V	9V	48V	700mA	50W	0.97	79 x 21 x 123.5	220g	IP20	30m	87mm

DALI

50W-DVR-1-DALI-700	Universal 1-10/DALI/push dim driver, 50W, 700mA, IP20	Titan 550: min 1 unit, max 4 units Mercury 630: min 1 unit, max 4 units Juptier 1500: one unit only	220-240V	9V	48V	700mA	50W	0.97	79 x 21 x 123.5	220g	IP20	30m	87mm
33W-DVR-1-DALI-700	DALI dimmable constant current driver, 33W, 700mA, IP20	Titan 550: min 1 unit, max 4 units Mercury 630: min 1 unit, max 4 units Juptier 1500: one unit only	198-265V	9V	48V	700mA	33W	0.95	31.5 x 31 x 179	120g	IP20	30m	49mm

Low Voltage

30W-LVDVR-24V-1-0_10D-700	1-10V dimmable LV constant current driver, 30W, 700mA, IP66	Titan 550: one unit only Mercury 630: one unit only	24V	5V	20.5V	700mA	30W	N/A	36 x 23 x 56	80g	IP66	30m	48mm
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Driver Table D

Light Engine: **Mercury 810**

* @ max load. All values are typical unless stated

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage		Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
				min	max								
48W-DVR-1-ND-1000	Non dimmable constant current driver, 48W, 1000mA, IP67	Mercury 810: min 1 unit, max 4 units	100-265V	4V	46V	1000mA	48W	0.98	30.5 x 40 x 133	300g	IP67	20m	55mm
12W-DVR-1-ND-1000	Non dimmable constant current driver, 12W, 1000mA, IP66	Mercury 810: one unit only	90-264V	3V	12V	1000mA	12W	0.60	35 x 23 x 85	120g	IP66	10m	47mm
30W-DVR-1-ND-1000	Non dimmable constant current driver, 30W, 1000mA, IP20	Mercury 810: min 1 unit, max 3 units	198-265V	9V	33V	1000mA	30W	0.95	31 x 31.5 x 179	120g	IP20	20m	49mm
40W-DVR-1-ND-1050	Non dimmable constant current driver, 40W, 1050mA, IP66	Mercury 810: min 2 units, max 3 units	90-264V	18V	36V	1050mA	40W	0.90	32 x 70 x 95	360g	IP66	20m	82mm

Mains Dimmable

15W-DVR-2-TD-1000	Mains dimmable constant current driver, 15W, 1000mA, IP20	Mercury 810: one unit only	176-265V	8V	12V	1000mA	15W	0.90	56 x 29 x 82	145g	IP20	10m	68mm
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1-10V Dimmable – Does not switch off with the dimming control

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Mercury 810: min 1 unit, max 4 units	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
32W-DVR-1-1_10D-1000	1-10V dimmable constant current driver, 32W, 1000mA, IP64	Mercury 810: min 3 units, max 3 units	120-277V	22.5V	31.5V	1000mA	32W	0.90	40 x 27 x 70	120g	IP64	20m	53mm

1-10V Dimmable – Dims down to 0%

20W-DVR-1-1_10D-1000	1-10V dimmable constant current driver, 20W, 1000mA, IP20	Mercury 810: one unit only	220-240V	3.2V	20V	1000mA	20W	0.90	52 x 23 x 111	110g	IP20	20m	62mm
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Push Dimmable

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Mercury 810: min 1 unit, max 4 units	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
20W-DVR-1-1_10D-1000	1-10V / push dim constant current driver, 20W, 1000mA, IP20	Mercury 810: 1 unit only, max 2 units	220-240V	3.2V	29V	1000mA	20W	0.90	52 x 23 x 111	110g	IP20	20m	62mm

DALI

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Mercury 810: min 1 unit, max 4 units	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
33W-DVR-1-DALI-1000	DALI dimmable constant current driver, 33W, 1000mA, IP20	Mercury 810: min 1 unit, max 3 units	198-265V	9V	33V	1000mA	33W	0.95	31.5 x 31 x 179	120g	IP20	20m	49mm

Low Voltage

30W-LVDVR-24V-1-0_10D-1050	1-10V dimmable LV constant current driver, 30W, 1050mA, IP66	Mercury 810: 1 unit only	24V	5V	20.5V	700mA	30W	N/A	36 x 23 x 56	80g	IP66	30m	48mm
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Light Engines: Venus 1000 / Aries 875

* @ max load. All values are typical unless stated

Driver Table E

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage		Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
				min	max								
36W-DVR-1-ND-700	Non dimmable constant current driver, 36W, 700mA, IP67	Venus 1000: min 1 unit, max 2 units Aries 875: min 1 unit, max 2 units	100-265V	12V	48V	700mA	36W	0.97	30.5 x 40 x 133	300g	IP67	40m	55mm
30W-DVR-1-ND-700	Non dimmable constant current driver, 30W, 700mA, IP20	Venus 1000: min 1 unit, max 2 units Aries 875: min 1 unit, max 2 units	198-265V	9V	48V	700mA	30W	0.95	31 x 31.5 x 179	120g	IP20	30m	49mm

Mains Dimmable

15W-DVR-3-TD-700	Mains dimmable constant current driver, 15W, 700mA, IP20	Venus 1000: one unit only	176-265V	16V	24V	700mA	15W	0.90	56 x 29 x 82	145g	IP20	20m	68mm
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1-10V Dimmable – Does not switch off with the dimming control

36W-DVR-1-1_10D-700	1-10V dimmable constant current driver, 36W, 700mA, IP67	Venus 1000: min 1 unit, max 2 units Aries 875: min 1 unit, max 2 units	240V	12V	48V	700mA	36W	0.96	40 x 30.5 x 133	300g	IP67	30m	55mm
25W-DVR-1-1_10D-700	1-10V dim/push dim constant current driver, 25W, 700mA, IP20	Venus 1000: one unit only Aries 875: min 1 unit, max 2 units	110-240V	3V	36V	700mA	25W	0.90	70 x 22 x 105	120g	IP20	30m	78mm
30W-DVR-2-1_10D-700	1-10V dimmable constant current driver, 30W, 700mA, IP64	Venus 1000: min 2 units, max 2 units Aries 875: min 2 units, max 2 units	120-277V	30V	42V	700mA	30W	0.90	40 x 27 x 70	120g	IP64	30m	53mm
25W-DVR-2-1_10D-700	1-10V dimmable constant current driver, 25W, 700mA, IP64	Aries 875: min 2 units, max 2 units	120-277V	25V	35V	700mA	25W	0.90	40 x 27 x 70	120g	IP64	30m	53mm
50W-DVR-1-DALI-700	Universal 1-10/DALI/push dim driver, 50W, 700mA, IP20	Venus 1000: min 1 unit, max 2 units Aries 875: min 1 unit, max 2 units	220-240V	9V	48V	700mA	50W	0.97	79 x 21 x 123.5	220g	IP20	30m	87mm

1-10V Dimmable – Dims down to 0%

20W-DVR-1-1_10D-700	1-10V dimmable constant current driver, 20W, 700mA, IP20	Venus 1000: one unit only Aries 875: one unit only	220-240V	3.2V	29V	700mA	20W	0.90	52 x 23 x 111	110g	IP20	30m	62mm
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Push Dimmable

20W-DVR-1-1_10D-700	1-10V / push dim constant current driver, 20W, 700mA, IP20	Venus 1000: one unit only Aries 875: one unit only	220-240V	3.2V	29V	700mA	20W	0.90	52 x 23 x 111	110g	IP20	30m	62mm
25W-DVR-1-1_10D-700	1-10V / push dim constant current driver, 25W, 700mA, IP20	Venus 1000: one unit only Aries 875: min 1 unit, max 2 units	110-240V	3V	36V	700mA	25W	0.90	70 x 22 x 105	120g	IP20	30m	78mm
50W-DVR-1-DALI-700	Universal 1-10/DALI/push dim driver, 50W, 700mA, IP20	Venus 1000: min 1 unit, max 2 units Aries 875: min 1 unit, max 2 units	220-240V	9V	48V	700mA	50W	0.97	79 x 21 x 123.5	220g	IP20	30m	87mm

DALI

50W-DVR-1-DALI-700	Universal 1-10/DALI/push dim driver, 50W, 700mA, IP20	Venus 1000: min 1 unit, max 2 units Aries 875: min 1 unit, max 2 units	220-240V	9V	48V	700mA	50W	0.97	79 x 21 x 123.5	220g	IP20	30m	87mm
33W-DVR-1-DALI-700	DALI dimmable constant current driver, 33W, 700mA, IP20	Venus 1000: min 1 unit, max 2 units Aries 875: min 1 unit, max 2 units	198-265V	9V	48V	700mA	33W	0.95	31.5 x 31 x 179	120g	IP20	30m	49mm

Driver Table G

Light Engine: **Jupiter 1950**

* @ max load. All values are typical unless stated

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage min	Voltage max	Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
48W-DVR-1-ND-1000	Non dimmable constant current driver, 48W, 1000mA, IP67	Juptier 1950: one unit only	100-265V	4V	46V	1000mA	48W	0.98	30.5 x 40 x 133	300g	IP67	20m	55mm
30W-DVR-1-ND-1000	Non dimmable constant current driver, 30W, 1000mA, IP20	Juptier 1950: one unit only	198-265V	9V	33V	1000mA	30W	0.95	31 x 31.5 x 179	120g	IP20	20m	49mm

1-10V Dimmable – Does not switch off with the dimming control

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Juptier 1950: one unit only	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
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Push Dimmable

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Juptier 1950: one unit only	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
20W-DVR-1-1_10D-1000	1-10V / push dim constant current driver, 20W, 1000mA, IP20	Juptier 1950: one unit only	220-240V	3.2V	20V	1000mA	20W	0.90	52 x 23 x 111	110g	IP20	20m	62mm

DALI

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Juptier 1950: one unit only	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
33W-DVR-1-DALI-1000	DALI dimmable constant current driver, 33W, 1000mA, IP20	Juptier 1950: one unit only	198-265V	9V	33V	1000mA	33W	0.95	31.5 x 31 x 179	120g	IP20	20m	49mm

Driver Table H

Light Engines: **Juptier 2150** / **Juptier 2600**

* @ max load. All values are typical unless stated

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage min	Voltage max	Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
36W-DVR-1-ND-700	Non dimmable constant current driver, 36W, 700mA, IP67	Juptier 2150: one unit only Juptier 2600: one unit only	100-265V	12V	48V	700mA	36W	0.97	30.5 x 40 x 133	300g	IP67	40m	55mm
30W-DVR-1-ND-700	Non dimmable constant current driver, 30W, 700mA, IP20	Juptier 2150: one unit only Juptier 2600: one unit only	198-265V	9V	48V	700mA	30W	0.95	31 x 31.5 x 179	120g	IP20	30m	49mm
25W-DVR-1-1_10D-700	1-10V dim / push dim constant current driver, 25W, 700mA, IP20	Juptier 2150: one unit only	110-240V	3V	36V	700mA	25W	0.90	70 x 22 x 105	120g	IP20	30m	78mm
30W-DVR-2-1_10D-700	1-10V dimmable constant current driver, 30W, 700mA, IP64	Juptier 2150: one unit only Juptier 2600: one unit only	120-277V	30V	42V	700mA	30W	0.90	40 x 27 x 70	120g	IP64	30m	53mm
25W-DVR-2-1_10D-700	1-10V dimmable constant current driver, 25W, 700mA, IP64	Juptier 2150: one unit only	120-277V	25V	35V	700mA	25W	0.90	40 x 27 x 70	120g	IP64	30m	53mm
50W-DVR-1-DALI-700	Universal 1-10/DALI/push dim driver, 50W, 700mA, IP20	Juptier 2150: one unit only Juptier 2600: one unit only	220-240V	9V	48V	700mA	50W	0.97	79 x 21 x 123.5	220g	IP20	30m	87mm

Push Dimmable

25W-DVR-1-1_10D-700	1-10V / push dim constant current driver, 25W, 700mA, IP20	Juptier 2150: one unit only	110-240V	3V	36V	700mA	25W	0.90	70 x 22 x 105	120g	IP20	30m	78mm
50W-DVR-1-DALI-700	Universal 1-10/DALI/push dim driver, 50W, 700mA, IP20	Juptier 2150: one unit only Juptier 2600: one unit only	220-240V	9V	48V	700mA	50W	0.97	79 x 21 x 123.5	220g	IP20	30m	87mm

DALI

50W-DVR-1-DALI-700	Universal 1-10/DALI/push dim driver, 50W, 700mA, IP20	Juptier 2150: one unit only Juptier 2600: one unit only	220-240V	9V	48V	700mA	50W	0.97	79 x 21 x 123.5	220g	IP20	30m	87mm
33W-DVR-1-DALI-700	DALI dimmable constant current driver, 33W, 700mA, IP20	Juptier 2150: one unit only Juptier 2600: one unit only	198-265V	9V	48V	700mA	33W	0.95	31.5 x 31 x 179	120g	IP20	30m	49mm

Light Engines: **Juptier 2800** / **Juptier 3350**

* @ max load. All values are typical unless stated

Driver Table J

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage		Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
				min	max								
48W-DVR-1-ND-1000	Non dimmable constant current driver, 48W, 1000mA, IP67	Juptier 2800: one unit only Juptier 3350: one unit only	100-265V	4V	46V	1000mA	48W	0.98	30.5 x 40 x 133	300g	IP67	20m	55mm
40W-DVR-1-ND-1050	Non dimmable constant current driver, 40W, 1050mA, IP66	Juptier 2800: one unit only	90-264V	18V	36V	1050mA	40W	0.90	32 x 70 x 95	360g	IP66	20m	82mm

1-10V Dimmable – Does not switch off with the dimming control

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Juptier 2800: one unit only Juptier 3350: one unit only	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
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Push Dimmable

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Juptier 2800: one unit only Juptier 3350: one unit only	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
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DALI

50W-DVR-1-DALI-1000	Universal 1-10/DALI/push dim driver, 50W, 1000mA, IP20	Juptier 2800: one unit only Juptier 3350: one unit only	220-240V	9V	48V	1000mA	50W	0.97	79 x 21 x 123.5	220g	IP20	20m	87mm
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Driver Table K

Light Engines: **Nix 90** / **Oberon 90**

* @ max load. All values are typical unless stated

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage min	Voltage max	Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
10W-DVR-1-ND-350	Non dimmable constant current driver, 10W, 350mA, IP67	Nix/Oberon 90: min 1 unit, max 6 units	120-240V	2V	28V	350mA	10W	0.50	27 x 35 x 86	165g	IP67	40m	49mm
10W-DVR-2-ND-350	Non dimmable constant current driver, 10W, 350mA, IP20	Nix/Oberon 90: min 3 unit, max 9 units	198-265V	8V	32V	350mA	10W	0.95	31 x 31.5 x 179	120g	IP20	40m	49mm
18W-DVR-1-ND-350	Non dimmable constant current driver, 18W, 350mA, IP67	Nix/Oberon 90: min 4 unit, max 16 units	220-240V	12V	58V	350mA	18W	0.96	30.5 x 40 x 133	300g	IP67	70m	55mm
17W-DVR-1-ND-350	Non dimmable constant current driver, 17W, 350mA, IP20	Nix/Oberon 90: min 3 unit, max 13 units	198-265V	9V	48V	350mA	17W	0.95	31 x 31.5 x 179	120g	IP20	70m	49mm

Mains Dimmable

18W-DVR-1-TD-350	Mains dimmable constant current driver, 18W, 350mA, IP20	Nix/Oberon 90: min 5 unit, max 14 units	220-240V	15V	52V	350mA	18W	0.90	44 x 28 x 113	108g	IP20	70m	57mm
15W-DVR-3-TD-350	Mains dimmable constant current driver, 15W, 350mA, IP20	Nix/Oberon 90: min 4 unit, max 6 units	176-265V	12V	21V	350mA	15W	0.90	56 x 29 x 82	145g	IP20	60m	68mm

1-10V Dimmable – Does not switch off with the dimming control

18W-DVR-1-1_10D-350	1-10V dimmable constant current driver, 18W, 350mA, IP67	Nix/Oberon 90: min 4 unit, max 13 units	220-240V	12V	48V	350mA	18W	0.96	40 x 30.5 x 133	300g	IP67	60m	55mm
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DALI

33W-DVR-1-DALI-350	DALI dimmable constant current driver, 33W, 350mA, IP20	Nix/Oberon 90: min 5 unit, max 13 units	198-265V	15V	48V	350mA	33W	0.95	31.5 x 31 x 179	120g	IP20	60m	49mm
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Low Voltage

6W-LVDVR-24V-1-ND-350	1-10V dimmable low voltage constant current driver, 6W, 350mA, IP54	Nix/Oberon 90: min 1 unit, max 6 units	24V dc	1V	30V	350mA	6W	N/A	17 D x 9	3.3g	IP54	60m	17mm
6W-LVDVR-24V-1-1-10D-350	1-10V dimmable low voltage constant current driver, 6W, 350mA, IP54	Nix/Oberon 90: min 1 unit, max 6 units	24V dc	1V	30V	350mA	6W	N/A	22 D x 9	3.3g	IP54	60m	22mm
30W-LVDVR-24V-1-0_10D-350	1-10V dimmable low voltage constant current driver, 30W, 350mA, IP66	Nix/Oberon 90: min 2 unit, max 6 units	24V dc	5.5V	21.5V	350mA	15W	N/A	36 x 23 x 56	80g	IP66	60m	48mm
15W-LVDVR-24V-1-ND-350	1-10V dimmable low voltage constant current driver, 15W, 350mA, IP66	Nix/Oberon 90: min 1 unit, max 9 units	24V dc	2V	34V	350mA	15W	N/A	34 x 19 x 45	80g	IP66	60m	44mm

Driver Table L

Light Engines: **Oberon 130**

* @ max load. All values are typical unless stated

Non Dimmable

Part Number	Description	For Driving Light Engine Type & Quantity	Input	Voltage		Current	Power	Power Factor*	Dimensions	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
			Range	min	max				W x H x L (mm)				
12W-DVR-1-ND-500	non dimmable constant current driver, 12W, 500mA, IP20	Oberon 130: min 1 unit, max 7 units	120-240V	2V	26V	500mA	12W	0.50	40 x 28 x 100	73g	IP20	20m	54mm
26W-DVR-1-ND-500	non dimmable constant current driver, 26W, 500mA, IP67	Oberon 130: min 2 unit, max 14 units	220-240V	4V	52V	500mA	26W	0.97	40 x 31 x 153	289g	IP67	50m	56mm
30W-DVR-1-ND-500	non dimmable constant current driver, 30W, 500mA, IP20	Oberon 130: min 3 unit, max 9 units	198-265V	9V	33V	500mA	30W	0.95	31 x 31.5 x 179	120g	IP20	60m	49mm

Mains Dimmable

18W-DVR-1-TD-500	mains dimmable constant current driver, 18W, 500mA, IP20	Oberon 130: min 3 unit, max 10 units	220-240V	9V	36V	500mA	18W	0.95	44 x 28 x 113	108g	IP20	40m	57mm
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1-10V Dimmable – Does not switch off with the dimming control

24W-DVR-1-1_10D-500	1-10V dimmable constant current driver, 18W, 350mA, IP67	Oberon 130: min 4 unit, max 13 units	220-240V	10.8V	48V	500mA	24W	0.95	31 x 31.5 x 172	120g	IP67	40m	49mm
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DALI

33W-DVR-1-DALI-500	DALI dimmable constant current driver, 33W, 500mA, IP20	Oberon 130: min 5 unit, max 13 units	198-265V	15V	48V	500mA	33W	0.95	31.5 x 31 x 179	120g	IP20	40m	49mm
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Low Voltage

6W-LVDVR-24V-1-1-10D-500	1-10V dimmable low voltage constant current driver, 6W, 500mA, IP54	Oberon 130: min 1 unit, max 8 units	24V dc	1V	30V	500mA	6W	N/A	22 D x 9	3.3g	IP54	40m	22mm
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LEDsmart Controls

* @ max load. All values are typical

SmartControllers – Also requires a low voltage power supply unless stated

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage min	Voltage max	Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
60W-LVDVR-1-PUSH121-350	Push dimmable smart controller, 60W, 350mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	350mA	60W	N/A	58 x 30 x 182	80g	IP20	60m	70mm
60W-LVDVR-1-PUSH121-500	Push dimmable smart controller, 60W, 500mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	500mA	60W	N/A	58 x 30 x 182	80g	IP20	40m	70mm
60W-LVDVR-1-PUSH121-700	Push dimmable smart controller, 60W, 700mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	700mA	60W	N/A	58 x 30 x 182	80g	IP20	30m	70mm
60W-LVDVR-1-PUSH121-1000	Push dimmable smart controller, 60W, 1000mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	14V	1000mA	60W	N/A	58 x 30 x 182	80g	IP20	20m	70mm
60W-LVDVR-1-1_10D121-350	1-10V dimmable smart controller, 60W, 350mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	350mA	60W	N/A	58 x 30 x 182	80g	IP20	60m	70mm
60W-LVDVR-1-1_10D121-500	1-10V dimmable smart controller, 60W 500mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	500mA	60W	N/A	58 x 30 x 182	80g	IP20	40m	70mm
60W-LVDVR-1-1_10D121-700	1-10V dimmable smart controller, 60W 700mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	700mA	60W	N/A	58 x 30 x 182	80g	IP20	30m	70mm
60W-LVDVR-1-1_10D121-1000	1-10V dimmable smart controller, 60W 1000mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	14V	1000mA	60W	N/A	58 x 30 x 182	80g	IP20	20m	70mm
60W-LVDVR-1-DMX124-350	DMX smart controller, 60W, 350mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	350mA	60W	N/A	58 x 30 x 182	80g	IP20	60m	70mm
60W-LVDVR-1-DMX125-500	DMX smart controller, 60W, 500mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	500mA	60W	N/A	58 x 30 x 182	80g	IP20	40m	70mm
60W-LVDVR-1-DMX126-700	DMX smart controller, 60W, 700mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	700mA	60W	N/A	58 x 30 x 182	80g	IP20	30m	70mm
60W-LVDVR-1-DMX127-1000	DMX smart controller, 60W, 1000mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	14V	1000mA	60W	N/A	58 x 30 x 182	80g	IP20	20m	70mm
60W-LVDVR-1-COR121-350	SmartCorridor smart controller, 60W, 350mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	350mA	60W	N/A	58 x 30 x 182	80g	IP20	60m	70mm
60W-LVDVR-1-COR121-500	SmartCorridor smart controller, 60W, 500mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	500mA	60W	N/A	58 x 30 x 182	80g	IP20	40m	70mm
60W-LVDVR-1-COR121-700	SmartCorridor smart controller, 60W, 700mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	700mA	60W	N/A	58 x 30 x 182	80g	IP20	30m	70mm
60W-LVDVR-1-COR121-1000	SmartCorridor smart controller, 60W, 1000mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	14V	1000mA	60W	N/A	58 x 30 x 182	80g	IP20	20m	70mm
60W-LVDVR-1-121DALI-350	DALI smart controller, 60W, 350mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	350mA	60W	N/A	58 x 30 x 182	80g	IP20	60m	70mm
60W-LVDVR-1-121DALI-500	DALI smart controller, 60W, 500mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	500mA	60W	N/A	58 x 30 x 182	80g	IP20	40m	70mm
60W-LVDVR-1-121DALI-700	DALI smart controller, 60W, 700mA, IP20 NOTE: min and max are per channel	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	22V	700mA	60W	N/A	58 x 30 x 182	80g	IP20	30m	70mm
60W-LVDVR-1-121DALI-1000	DALI smart controller, 60W, 1000mA, IP20	SmartNemesis: one unit only Conventional luminaires: max 8 units	24V	6V	14V	1000mA	60W	N/A	58 x 30 x 182	80g	IP20	20m	70mm

* @ max load. All values are typical unless stated

SmartWhite Controllers – To control white colour tuneable SmartWhite luminaires (Also requires a low voltage power supply)

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage		Current	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
			min	max									
SW1-CTR-1-10V	SmartWhite 1-10V controller	To control one SmartWhite luminaire using 1-10V control	22-26V	N/A	N/A	10W	N/A	N/A	110 x 65 x 27	120g	IP20	0.3m	70mm
SW1-CTR-DMX	SmartWhite DMX controller	To control one SmartWhite luminaire using DMX control	22-26V	N/A	N/A	10W	N/A	N/A	110 x 65 x 27	120g	IP20	0.3m	70mm
SW2-CTR-1-10V	SmartWhite Tungsten+ 1-10V controller	To control one SmartWhite Tungsten+ luminaire using 1-10V control	22-26V	N/A	N/A	10W	N/A	N/A	110 x 65 x 27	120g	IP20	0.3m	70mm
SW2-CTR-DMX	SmartWhite Tungsten+ DMX controller	To control one SmartWhite Tungsten+ luminaire using DMX control	22-26V	N/A	N/A	10W	N/A	N/A	110 x 65 x 27	120g	IP20	0.3m	70mm

DMX Drivers – To control RGBW colour change luminaires (Using the Pictor Light Engine – requires a low voltage power supply)

15W-DVR-1-DMX-350	15W 350mA DMX driver (requires a 24V Power Supply)	To control a single luminaire with the Pictor -150 light engine
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Low Voltage Power Supply Units (PSU)

Ensure that total load of your SmartNetwork/SmartLuminaire is at least 10% less than the PSU that you select – contact sales@photonstarled.com for more advice

Part Number	Description	Input Range	Voltage	Power	Power Factor*	Dimensions W x H x L (mm)	Weight	IP Rating	Max. Distance from Fitting	Min. Cut Out
25W-DVR-1-CV-24V	Constant voltage driver, 25W, 24V, IP20	90-277V	24V	25W	0.96	43 x 30 x 157	140g	IP20		57mm
60W-DVR-1-CV-24V	Constant voltage driver, 60W, 24V, IP65	100-277V	24V	60W	0.96	44 x 40 x 198	570g	IP65		64mm
100W-DVR-1-CV-24V	Constant voltage driver, 100W, 24V, IP65	100-240V	24V	100W	0.96	65 x 42 x 230	800g	IP65		82mm
26W-DVR-1-CV-24V	Constant voltage driver, 26W, 24V, IP20	198-265V	24V	26W	0.98	31.5 x 31 x 179	120g	IP20		49mm