

Drivers & LEDsmart Controls

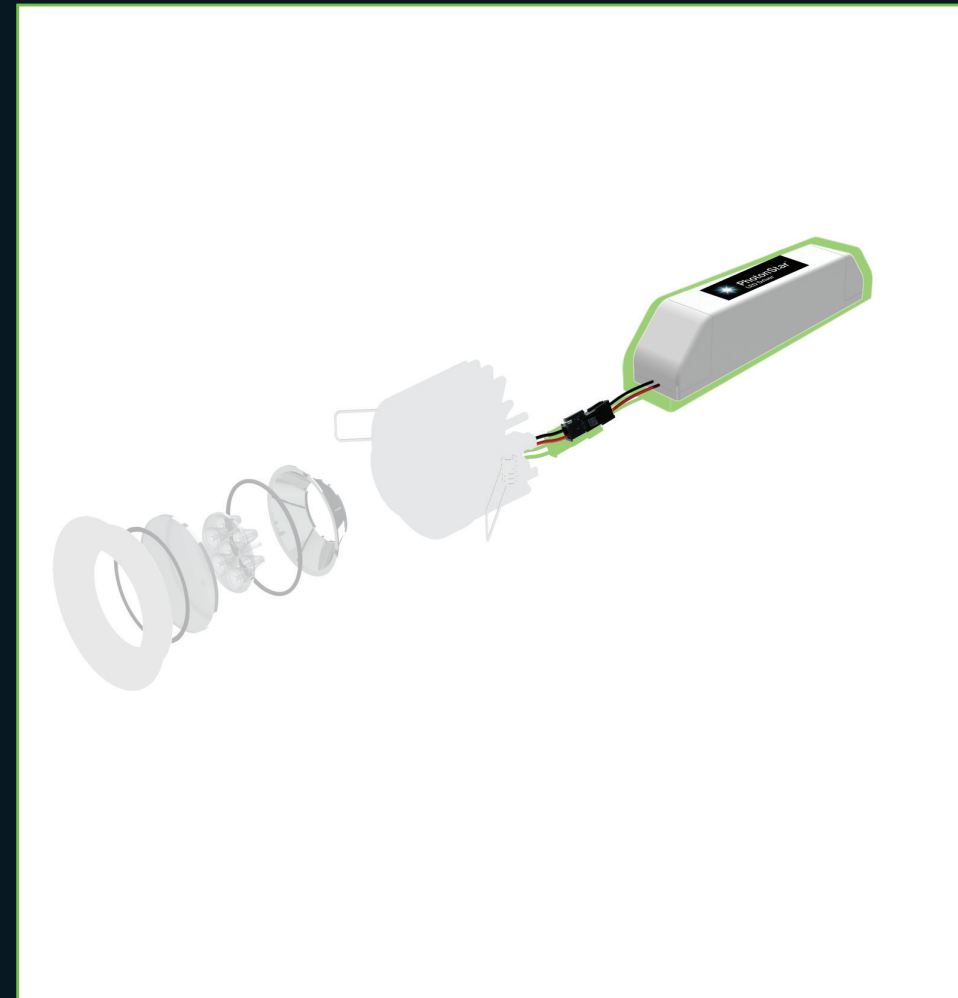
Mains & Low Voltage Drivers & Controls for all PhotonStar™ Luminaires

Single and multi luminaire drivers for a range of popular dimming protocols.
LEDsmart Controls and accessories including power supplies.

- SmartWhite Controller (colour tuning)
- SmartController (for SmartLuminaires)

- Single & multiple standard unit drivers
- Mains & Low Voltage

- 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 |
|---------------------|--|------------------------------------|----------|-----|-----|-------|-----|------|-----------------|------|------|-----|------|

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 |
|---------------------|--|------------------------------------|----------|------|-----|-------|-----|------|---------------|------|------|-----|------|

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 |
|---------------------|--|------------------------------------|----------|------|-----|-------|-----|------|---------------|------|------|-----|------|

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 |
|--------------------|---|-------------------------------------|----------|-----|-----|-------|-----|------|-----------------|------|------|-----|------|

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 |
|------------------------|---|------------------------------------|-----|----|-----|-------|-----|-----|--------------|-----|------|-----|------|

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 |
|---------------------|--|------------------------------------|----------|------|-----|-------|-----|------|---------------|------|------|-----|------|

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 |
|------------------|--|--|----------|-----|-----|-------|-----|------|--------------|------|------|-----|------|

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 |
|---------------------|--|---|----------|------|-----|-------|-----|------|---------------|------|------|-----|------|

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 |
|---------------------------|---|--|-----|----|-------|-------|-----|-----|--------------|-----|------|-----|------|

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 | 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 |
|-------------------|---|----------------------------|----------|----|-----|--------|-----|------|--------------|------|------|-----|------|

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 |
|----------------------|---|----------------------------|----------|------|-----|--------|-----|------|---------------|------|------|-----|------|

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 |
|----------------------------|--|--------------------------|-----|----|-------|-------|-----|-----|--------------|-----|------|-----|------|

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 |
|------------------|--|---------------------------|----------|-----|-----|-------|-----|------|--------------|------|------|-----|------|

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 |
|---------------------|--|---|----------|------|-----|-------|-----|------|---------------|------|------|-----|------|

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 |
|---------------------|--|-----------------------------|----------|----|-----|--------|-----|------|-----------------|------|------|-----|------|

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 |
|---------------------|--|--|----------|----|-----|--------|-----|------|-----------------|------|------|-----|------|

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 |
|---------------------|--|--|----------|----|-----|--------|-----|------|-----------------|------|------|-----|------|

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 |
|---------------------|--|--|----------|----|-----|--------|-----|------|-----------------|------|------|-----|------|

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 |
|---------------------|--|---|----------|-----|-----|-------|-----|------|-----------------|------|------|-----|------|

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 |
|--------------------|---|---|----------|-----|-----|-------|-----|------|-----------------|------|------|-----|------|

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 |
|------------------|--|--------------------------------------|----------|----|-----|-------|-----|------|---------------|------|------|-----|------|

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 |
|---------------------|--|--------------------------------------|----------|-------|-----|-------|-----|------|-----------------|------|------|-----|------|

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 |
|--------------------|---|--------------------------------------|----------|-----|-----|-------|-----|------|-----------------|------|------|-----|------|

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 |
|--------------------------|---|-------------------------------------|--------|----|-----|-------|----|-----|----------|------|------|-----|------|

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 | Weight | IP Rating | Max. Distance from Fitting | Min. Cut Out |
|----------------------|---------------------------------------|---|-------------|---------|----------------|---------|-------|---------------|------------|--------|-----------|----------------------------|--------------|
| | | | min | max | W x H x L (mm) | | | | | | | | |
| 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 | 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 | 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 | 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 | 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 |
|--------------------------|---|---|

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 | 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 |