

LEDsmart Controls

* @ max load

SmartControllers – Also requires a low voltage power supply

Part Number	Description	For Driving Light Engine Type & Quantity	Input Range	Voltage min	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

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	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