

OPTOTRONIC®

Outdoor/Industrial Programmable Dimmable LED Drivers



Features and Benefits

- OEM programmable with 1mA resolution to perfectly match LED load and maximize performance
- Dimming down to 1% on 0-10V dimmers and DALI*
- Integrated OEM programmable features include:
 - Constant lumen maintenance
 - AstroDIM
 - LED thermal protection
 - LEDset
 - AUX output
- Programming doesn't require powering up or connecting the power supply to AC line voltage
- High levels of line transient protection for outdoor applications (6kV)
- UL Damp Rated
- IP66 Rated
- Available in both
 - Universal input voltage 120-277V_{AC} 50/60Hz
 - 347-480V_{AC} 50/60Hz
- UL Class P Listed

Product Recognition



Specifications and Certifications



*60W only

Ordering Information

Item Number	Original Item Number	Ordering Abbreviation	Total Output Power	Output Current Range	Default Current Setting	Output Voltage Range (Voc)	Dimming Control	Dimming Range	LED Thermal Protection ¹	Class P
Input Voltage 120-277V (0-10V)										
*2743YM	79370	OT50W/UNV/800C/2DIMLT2/P6	50W	350-800mA (programmable)	530mA	30-120V	0-10V	10-100%	Yes	Yes
*2743YN	79371	OT50W/UNV/1250C/2DIMLT2/P6	50W	600-1250mA (programmable)	700mA	15-55V	0-10V	10-100%	Yes	Yes
*2743YG	79278	OTI50W/UNV/2100C/2DIMLT2/P6	50W	1000-2100mA (programmable)	2000mA	15-55V	0-10V	10-100%	Yes	–
*2743XJ	57509	OTI95W/UNV/2750C/2DIM+/P6	95W	700-2750mA (programmable)	2700mA	15-54V	0-10V	1-100%	Yes	Yes
*2743XK	57510	OTI95W/UNV/2750C/2DIM+/P6/AUX	95W	700-2750mA (programmable)	2700mA	15-54V	0-10V	1-100%	Yes	Yes
*2743YK	79368	OT100W/UNV/800C/2DIM/P6	100W	350-800mA (programmable)	530mA	50-185V	0-10V	10-100%	Yes	Yes
*2743YL	79369	OT100W/UNV/1250C/2DIM/P6	100W	600-1250mA (programmable)	700mA	30-100V	0-10V	10-100%	Yes	Yes
*2743XH	57505	OTI100W/UNV/1600C/2DIM+/P6/AUX	100W	500-1600mA (programmable)	1050mA	40-185V	0-10V	10-100%	Yes	Yes
*2743YH	79366	OT180W/UNV/800C/2DIM/P6	180W	350-800mA (programmable)	530mA	82-280V	0-10V	10-100%	Yes	Yes
*2743YJ	79367	OT180W/UNV/1250C/2DIM/P6	180W	600-1250mA (programmable)	700mA	70-210V	0-10V	10-100%	Yes	Yes
*275TK8	57536	OTI180W/UNV/800C/2DIM/P6/G2	180W	350-800mA	700mA	82-280V	0-10V	10-100%	Yes	Yes
*275TKE	57537	OTI180W/UNV/1250C/2DIM/P6/G2	180W	600-1250mA	1050mA	70-210V	0-10V	10-100%	Yes	Yes
*275TKH	57538	OTI180W/UNV/1800C/2DIM/P6/G2	180W	1000-1800mA	1500mA	50-150V	0-10V	10-100%	Yes	Yes
*2743Y2	58051	OTI200W/UNV/900C/2DIM+/P6	200W	500-900mA (programmable)	700mA	125-285V	0-10V	10-100%	Yes	Yes
*2743Y3	58052	OTI200W/UNV/900C/2DIM+/P6/AUX	200W	500-900mA (programmable)	700mA	125-285V	0-10V	10-100%	Yes	Yes
*2743Y4	58055	OTI200W/UNV/1400C/2DIM+/P6	200W	900-1400mA (programmable)	1050mA	75-180V	0-10V	10-100%	Yes	Yes
*2743Y5	58056	OTI200W/UNV/1400C/2DIM+/P6/AUX	200W	900-1400mA (programmable)	1050mA	75-180V	0-10V	10-100%	Yes	Yes
Input Voltage 120-277V (DALI/DEXAL)										
*2743XF	57501	OTI60W/UNV/1600C/DALI/P6	60W	500-1600mA (programmable)	1050mA	15-55V	DALI	10-100%	Yes	Yes
*2743XG	57502	OTI60W/UNV/1600C/DX/AUX	60W	500-1600mA (programmable)	1050mA	15-55V	DEXAL	10-100%	Yes	Yes
*2743XP	57557	OTI60W/UNV/1600C/DX/DNN/AUX	60W	500-1600mA (programmable)	1050mA	15-55V	DEXAL	10-100%	Yes	Yes
Input Voltage 347-480V										
*2743XL	57511	OTI95W/HV/2750C/2DIM+/P6/AUX	95W	700-2750mA (programmable)	2700mA	15-54V	0-10V	1-100%	Yes	Yes
*2743YA	79206	OT100W/347-480/800C/2DIM/P6	100W	350-800mA (programmable)	530mA	50-185V	0-10V	10-100%	Yes	Yes
*2743YC	79207	OT100W/347-480/1250C/2DIM/P6	100W	600-1250mA (programmable)	700mA	30-100V	0-10V	10-100%	Yes	Yes
*2743YE	79208	OT180W/347-480/800C/2DIM/P6	180W	350-800mA (programmable)	530mA	82-280V	0-10V	10-100%	Yes	Yes
*2743YF	79209	OT180W/347-480/1250C/2DIM/P6	180W	600-1250mA (programmable)	700mA	70-210V	0-10V	10-100%	Yes	Yes

1. LED thermal protection is programmable.