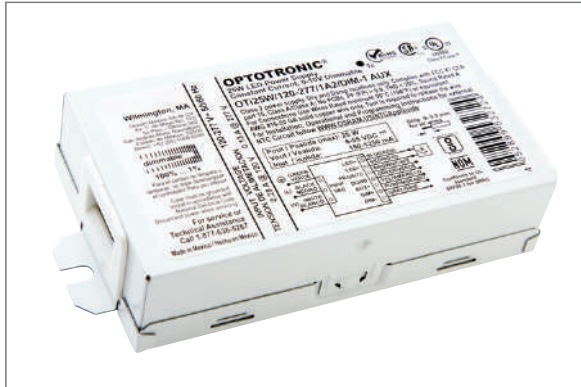


OPTOTRONIC®

Compact Programmable Dimmable LED Drivers



Features and Benefits

- Architectural-grade features include:
 - True 1% dimming
 - DIM to OFF
 - Synchronized ON/OFF and dimming control
 - Dimming interface protection
- Custom programmable with 1mA resolution to perfectly match LED load and maximize performance
- Integrated OEM programmable features include:
 - Constant lumen maintenance
 - LED thermal protection
 - End of life indication
 - Soft start
- Programming does not require powering up or connecting the power supply to AC line voltage
- Available optional auxiliary output to power 12V, 20V, and 24V low power applications
- Familiar standard industry housing
 - 5.0" x 2.4" x 1.1" (L x W x H)
- Wide output current and voltage range
- Available with mounting feet (F-style) or PEM studs (J-style) to simplify installation
- Input voltage:
 - Universal 120-277V_{AC} 50/60Hz
 - 347V_{AC} 50/60Hz
- UL Class 2 output for safe operation

Product Recognition



Specifications and Certifications



Compliant to 47 CFR, Part 15 Class A
 Compliant to UL STD 60730-1 for SREC
 Compatible with CA T-24 requirement for flicker and startup time

Ordering Information

Item Number	Original Item Number	Ordering Abbreviation	Total Output Power	Output Current Range	Default Current	Output Voltage Range (Voc)	Dimming Control	Dimming Range	LED Thermal Protection	Housing Type
*2743XR	57994	OTI25W/347/1A2/DIM-1	25W	150-1250mA (Programmable)	500mA	8-55V	0-10V	1-100%	Yes	F-Style
*274A3P	57995	OTI25W/347/1A2/DIM-1/J	25W	150-1250mA (Programmable)	500mA	8-55V	0-10V	1-100%	Yes	J-Style
*2743XS	57996	OTI25W/347/1A2/DIM-1 AUX	25W	150-1250mA (Programmable)	500mA	8-55V	0-10V	1-100%	Yes	F-Style
*274A3R	57997	OTI25W/347/1A2/DIM-1 J/AUX	25W	150-1250mA (Programmable)	500mA	8-55V	0-10V	1-100%	Yes	J-Style
*2743XT	57998	OTI40W/347/1A4/DIM-1	40W	400-1400mA (Programmable)	700mA	8-55V	0-10V	1-100%	Yes	F-Style
*274A3S	57999	OTI40W/347/1A4/DIM-1/J	40W	400-1400mA (Programmable)	700mA	8-55V	0-10V	1-100%	Yes	J-Style
*2743XU	58008	OTI40W/347/1A4/DIM-1 AUX	40W	400-1400mA (Programmable)	700mA	8-55V	0-10V	1-100%	Yes	F-Style
*274A3T	58009	OTI40W/347/1A4/DIM-1 J/AUX	40W	400-1400mA (Programmable)	700mA	8-55V	0-10V	1-100%	Yes	J-Style
*2743W3	57355	OTI55W/120-277/2A0/DIM-1	55W	700-2000 mA (Programmable)	1000mA	10-55V	0-10V	1-100%	Yes	F-Style
*274A1N	57356	OTI55W/120-277/2A0/DIM-1/J	55W	700-2000 mA (Programmable)	1000mA	10-55V	0-10V	1-100%	Yes	J-Style
*2743W4	57357	OTI55W/120-277/2A0/DIM-1 AUX	55W	700-2000 mA (Programmable)	1000mA	10-55V	0-10V	1-100%	Yes	F-Style
*274A1P	57358	OTI55W/120-277/2A0/DIM-1/J AUX	55W	700-2000 mA (Programmable)	1000mA	10-55V	0-10V	1-100%	Yes	J-Style

High Wattage Compact LED Drivers

*2743XV	58014	OTI75W/120-277/2A0 DIM-1	75W	700-2000mA (Programmable)	2000mA	20-54V ¹	0-10V	1-100%	Yes	F-Style
*274A3U	58015	OTI75W/120-277/2A0 DIM-1/J	75W	700-2000mA (Programmable)	2000mA	20-54V ¹	0-10V	1-100%	Yes	J-Style
*2743XW	58016	OTI75W/120-277/2A0 DIM-1 AUX	75W	700-2000mA (Programmable)	2000mA	20-54V ¹	0-10V	1-100%	Yes	F-Style
*274A3W	58017	OTI75W/120-277/2A0 DIM-1/J AUX	75W	700-2000mA (Programmable)	2000mA	20-54V ¹	0-10V	1-100%	Yes	J-Style
*2743XX	58018	OTI95W/120-277/2A5 DIM-1	95W	1000-2500mA (Programmable)	2300mA	20-54V ¹	0-10V	1-100%	Yes	F-Style
*274A3X	58019	OTI95W/120-277/2A5 DIM-1/J	95W	1000-2500mA (Programmable)	2300mA	20-54V ¹	0-10V	1-100%	Yes	J-Style
*2743XY	58020	OTI95W/120-277/2A5 DIM-1 AUX	95W	1000-2500mA (Programmable)	2300mA	20-54V ¹	0-10V	1-100%	Yes	F-Style
*274A3Y	58021	OTI95W/120-277/2A5 DIM-1/J AUX	95W	1000-2500mA (Programmable)	2300mA	20-54V ¹	0-10V	1-100%	Yes	J-Style

1. (max. power limited)