

INTENDED USE

This universal 24V DC LED driver is ideal for indoor and outdoor architectural lighting. IP66-rated for wet and dry locations and IP20-rated for indoor dry use, it supports TRIAC, MLV, ELV, 0-10V, and PWM dimming. Designed for stable, flicker-free performance, it features auto-reset protection against short circuit, overload, and overheating, with efficient cooling by free air convection.



FEATURES

Construction: Durable metal housing with full circuit protection

Dimming: Supports 0-10V and phase dimming (Triac, MLV, ELV, PWM)

Dimming range: 100% to 1% LOG; dimming curve down to 0.1%

Input Voltage: 120-277VAC, 50/60Hz

Output Voltage: 24V DC

Operating Temperature: -40°F to 140°F (-40°C to 60°C)

Warranty: 5 Years carefree for parts & components (Labor not included)

Listings: cULus Listed, Class 2 Type HL, IP20/IP66, Plenum Rated, Title 24 JA8 Compliant, FCC, RoHS

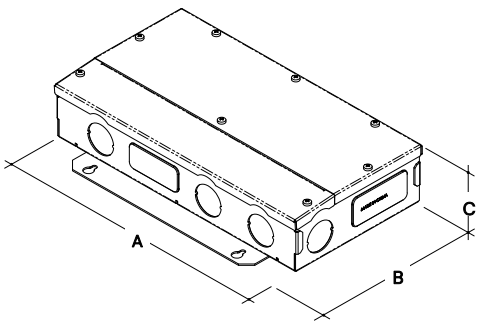
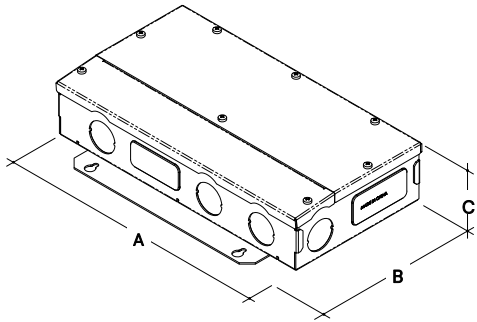
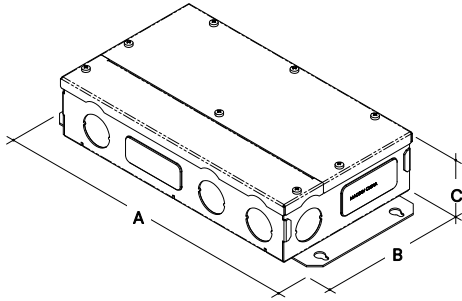


ORDERING INFORMATION Example:

Model	IP Rated	Wattage
11705-DRIVER	20	30
	66	60
		96
		396
	IP20 - Dry Location	30 Watts
	IP66 - Wet Location	60 Watts
		96 Watts
		3x96 Watts

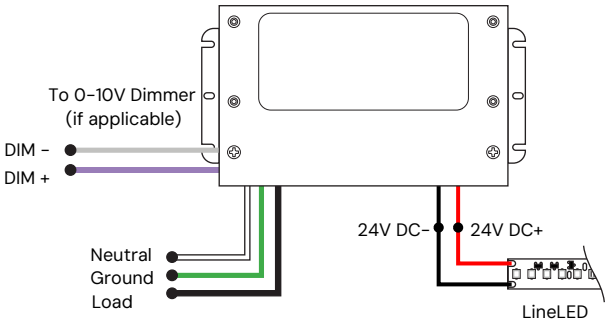
LINE DRAWINGS & DIMENSIONS

Product Dimensions



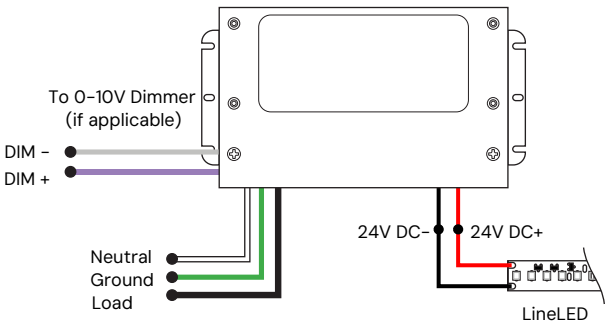
General Wiring Diagram

11704-Driver-20-30 & 11704-Driver-20-60



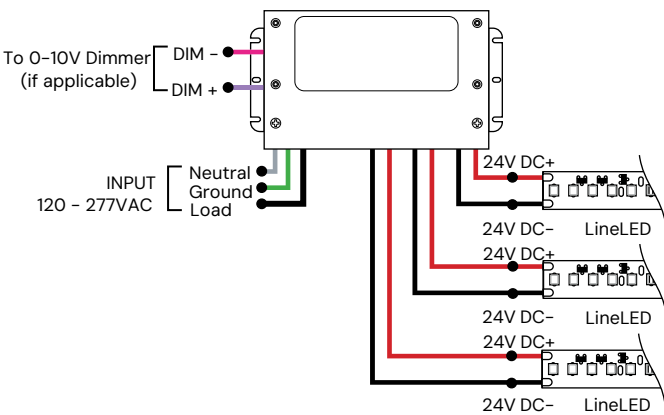
Note: Over the white, green, and black wires, connect to ELV and MLV dimmer.

11704-Driver-20-96



Note: Over the white, green, and black wires, connect to ELV and MLV dimmer.

11704-Driver-20-396



Note: Over the white, green, and black wires, connect to ELV and MLV dimmer.

LUMINOUS EFFICACY

IP66			11704-DRIVER-66-30	11704-DRIVER-66-60	11704-DRIVER-66-96	11704-DRIVER-66-396
ELECTRICAL	Voltage/Frequency		120 ~277V AC @ 50/60Hz	120 ~277V AC @ 50/60Hz	120~277V AC @ 50/60Hz	120~277V AC @ 50/60Hz
	Inrush Current		7A, 420us @ 50% 120V AC 12A, 480us @ 50% 277V AC	22.4A, 82us @ 50% 120V AC 42.4A, 47us @ 50% 277V AC	20A, 16ms @ 50% 120V AC 25A, 1.2ms @ 50% 277V AC	35A, 960us @ 50% 120V AC 43A, 1ms @ 50% 277V AC
	Power Factor		0.99 @ 120V* 0.95 @ 277V*	0.98 @ 120V* 0.95 @ 277V*	0.98 @ 120V* 0.95 @ 277V*	0.99 @ 120V* 0.95 @ 277V*
	Efficiency		0.79 @ 120V* 0.80 @ 277V*	0.84 @ 120V* 0.86 @ 277V*	0.83 @ 120V* 0.86 @ 277V*	0.87 @ 120V* 0.91 @ 277V*
	Maximum Input Current		0.5A @ 100V AC	≤ 0.9A	1.3A	3.4A @ 100V AC
	Maximum Output Power		30W	60W	96W	3 x 96W
	Maximum Output Current		1.25A	2.5A	4.0A	3 x 4.0A
	Output Voltage		24V DC	24V DC	24V DC	24V DC
	Total Harmonic Distortion		< 20%*	< 20%*	< 20%*	< 20%*
	Start Up Time		< 0.5S*	< 0.5S*	< 0.5S*	< 0.5S*
	Minimum Load		10%	10%	10%	10%
	Dimming (0-10V)		1% ~ 100% LOG	1% ~ 100% LOG	1% ~ 100% LOG	1% ~ 100% LOG
	Dimming (Phase)		1% ~ 100% LOG	1% ~ 100% LOG	1% ~ 100% LOG	1% ~ 100% LOG
	0-10V Current Draw		0.2mA	0.2mA	0.2mA	0.2mA
RATING	Environment		Wet IP66	Wet IP66	Wet IP66	Wet IP66
	Compliance		UL 8750	UL 8750	UL 8750	UL 8750
	Ambient Operating Temperature Range		- 40 to 60°C	- 40 to 60°C	- 40 to 60°C	- 40 to 60°C
DIMENSIONS	Length	A	6.50"	7.40"	8.66"	11.85"
	Width	B	3.73"	3.73"	3.73"	4.32"
	Height	C	1.61"	1.61"	1.61"	1.81"
Net. Weight			2.0 lbs	2.4 lbs	2.8 lbs	5.2 lbs

IP20			11704-DRIVER-20-30	11704-DRIVER-20-60	11704-DRIVER-20-96	11704-DRIVER-20-396
ELECTRICAL	Voltage/Frequency		120 ~277V AC @ 50/60Hz	120 ~277V AC @ 50/60Hz	120 ~277V AC @ 50/60Hz	120 ~277V AC @ 50/60Hz
	Inrush Current		70A @ 277V	70A @ 277V	80A @ 277V	90A @ 277V
	Power Factor		> 0.94 @ 120~277V*	> 0.94 @ 120~277V*	> 0.94 @ 120~277V*	> 0.9 @ 120~277V*
	Efficiency		0.80 @ 120V* 0.80 @ 277V* 0.35A @ 120V 0.17A @ 277V	0.84 @ 120V* 0.85 @ 277V* 0.75A @ 120V 0.33A @ 277V	0.83 @ 120V* 0.86 @ 277V* 1.05A @ 120V 0.45A @ 277V	0.90 @ 120V* 0.92 @ 277V* 3.00A @ 120V AC 1.80A @ 277V AC
	Maximum Input Current					
	Maximum Output Power		30W	60W	96W	3 x 96W
	Maximum Output Current		1.25A	2.5A	4.0A	4.0A
	Output Voltage		24V DC	24V DC	24V DC	24V DC
	Total Harmonic Distortion		< 20%*	< 20%*	< 20%*	< 20%*
	Start Up Time		< 0.5S*	< 0.5S*	< 0.5S*	< 0.5S*
	Minimum Load		10%	10%	10%	10%
	Dimming (0-10V)		1% ~ 100% LOG	1% ~ 100% LOG	1% ~ 100% LOG	1% ~ 100% LOG
	Dimming (Phase)		1% ~ 100% LOG	1% ~ 100% LOG	1% ~ 100% LOG	1% ~ 100% LOG
	0-10V Current Draw		0.25mA	0.25mA	0.25mA	0.25mA
RATING	Environment		Dry IP20 NEMA 3R	Dry IP20 NEMA 3R	Dry IP20 NEMA 3R	Dry IP20 NEMA 3R
	Compliance		UL 8750	UL 8750	UL 8750	UL 8750
	Ambient Operating Temperature Range		- 40 to 60°C	- 40 to 60°C	- 40 to 60°C	- 40 to 60°C
DIMENSIONS	Length	A	6.50"	7.40"	8.11"	9.94"
	Width	B	3.73"	3.73"	5.60"	7.61"
	Height	C	1.61"	1.61"	1.83"	2.02"
Net. Weight			2.0 lbs	2.0 lbs	4.0 lbs	8.0 lbs

*At max load