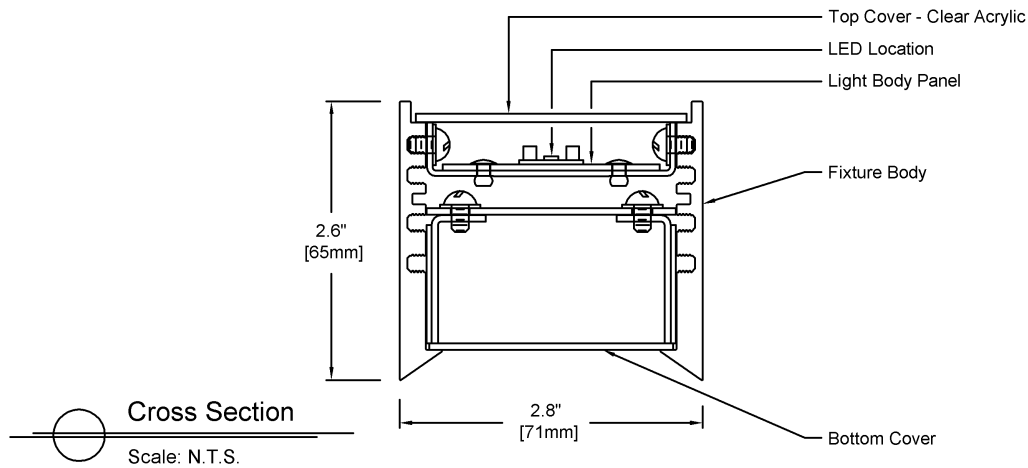
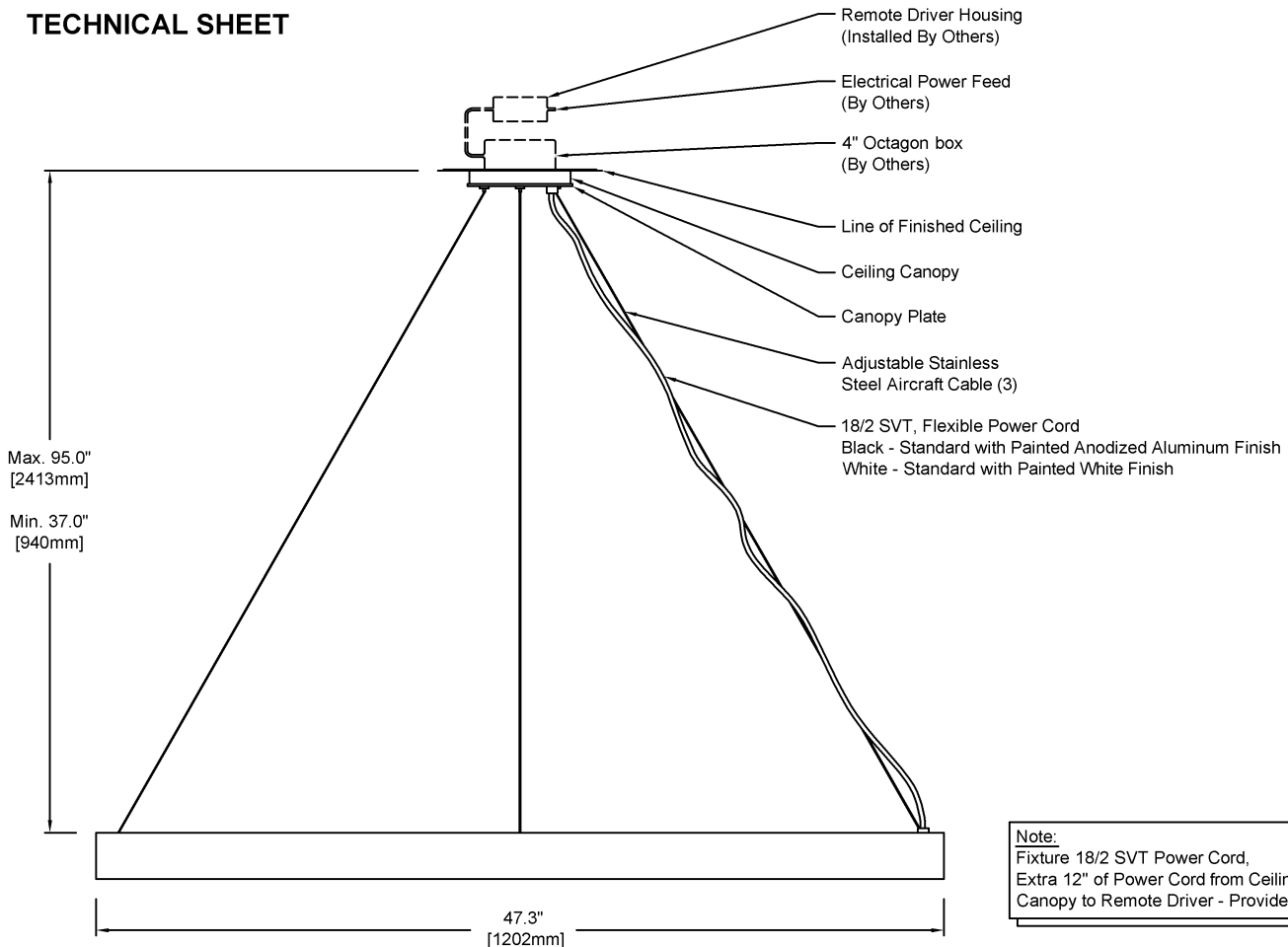


Ring U

TECHNICAL SHEET



Fixture Weight: 20 lbs

1693	P	MP	K30	NA	19	48	U	RD
Series	Style	Lamp	Color Temp.	Diffuser	Finish	Size	Voltage	Power Supply
	P - Pendant	LP - 3 Watt/foot MP - 6 Watt/foot HP - 10 Watt/foot	K30 - 3000K K35 - 3500K K40 - 4000K	NA - Not Applicable	19 - Painted Anodized Aluminum 21 - Painted White 22 - Painted Custom Color	48"	U - 120 - 277 V 2 - 220 - 240 V	RD - Remote Mounted Driver (Ordered Separately)

LED (24 Volt Constant Voltage) and Power Supply

OT96-D010 = Osram, 10%, 0-10V dimming, 120-277V, 96W
LUT96-L3D0 = Lutron, 0.1%, EcoSystem or 3-wire dimming, 120-277V, 96W
Other - Please consult the factory

LED "LP" - 3 Watt/foot, Total Watt - 33
400 lm/foot, 3000K, Total Lumen - 4,400
416 lm/foot, 3500K, Total Lumen - 4,576
424 lm/foot, 4000K, Total Lumen - 4,664
Requires: 1 x 96 Watt driver per fixture

LED "MP" - 6 Watt/foot, Total Watt - 66
743 lm/foot, 3000K, Total Lumen - 8,173
774 lm/foot, 3500K, Total Lumen - 8,514
789 lm/foot, 4000K, Total Lumen - 8,679
Requires: 1 x 96 Watt driver per fixture

LED "HP" - 10 Watt/foot, Total Watt - 110
1,174 lm/foot, 3000K, Total Lumen - 12,914
1,222 lm/foot, 3500K, Total Lumen - 13,442
1,246 lm/foot, 4000K, Total Lumen - 13,706
Requires: 2 x 96 Watt driver per fixture

Technical Data:
Form - linear, Operating voltage: 24VDC
Color rendering index Ra min: 82CRI
Viewing angle: 110°
Lifetime - L70: 60,000h
Working temperature: -20°C to 60°C (-4°F to 140°F)

Maximum wiring distance for # 18 AWG
Osram, 96 Watt, Dimming - 32 feet
Lutron, 96 Watt, Dimming - 25 feet

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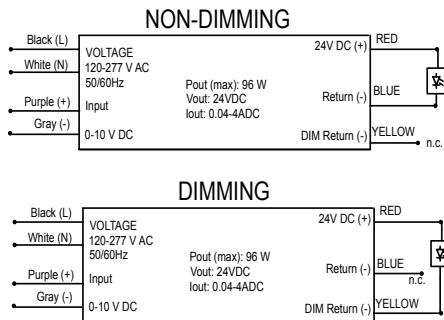


Ring LED Power Supplies



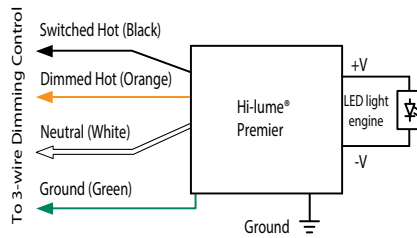
Wiring Diagrams

OT96-D010 (Osram 10%, 0-10V)



LUT96-L3D0 (Lutron 0.1%, 3-wire)

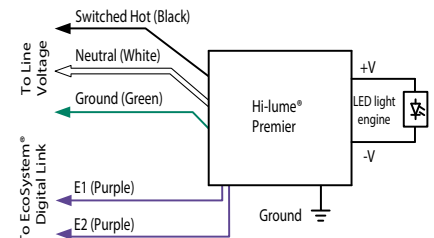
Wiring Diagram for 3-Wire Control



Note: Colors shown correspond to terminal blocks on driver.

LUT96-L3D0 (Lutron 0.1%, EcoSystem digital)

Wiring Diagram for EcoSystem® Digital Control



Note: Colors shown correspond to terminal blocks on driver.

Driver requirements

Ring U - 48"

- LP - Low Power Option:
 - Single control - 1 x driver
- MP - Medium Power Option:
 - Single control - 1 x driver
- HP - High Power Option:
 - Single control - 2 x driver

Ring U - 60"

- LP - Low Power Option:
 - Single control - 1 x driver
- MP - Medium Power Option:
 - Single control - 1 x driver
- HP - High Power Option:
 - Single control - 2 x driver

Ring U - 72"

- LP - Low Power Option:
 - Single control - 1 x driver
- MP - Medium Power Option:
 - Single control - 2 x driver
- HP - High Power Option:
 - Single control - 2 x driver

Ring U - 84"

- LP - Low Power Option:
 - Single control - 1 x driver
- MP - Medium Power Option:
 - Single control - 2 x driver
- HP - High Power Option:
 - Single control - 3 x driver

Ring U - 96"

- LP - Low Power Option:
 - Single control - 1 x driver
- MP - Medium Power Option:
 - Single control - 2 x driver
- HP - High Power Option:
 - Single control - 3 x driver

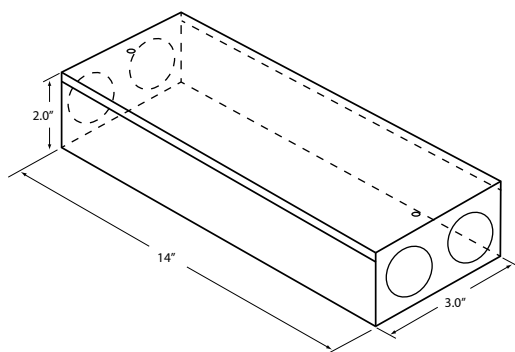
LED Technical data:

Form - linear, Operating voltage: 24VDC
 Color rendering index Ra min: 82CRI
 Viewing angle: 110°
 Lifetime - L70: 60,000h
 Working temperature: -20°C to 60°C (-4°F to 140°F)

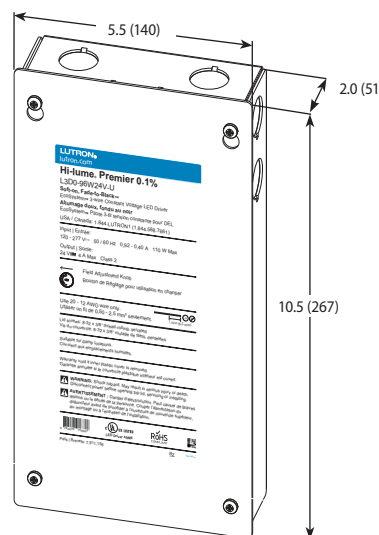
Wiring Notes

1. Refer to maximum wire distance chart below for additional wiring requirements.

Standard enclosure supplied with drivers shown above.



OT96-D010 (Osram 0-10 V) driver enclosure



LUT96-L3D0 (Lutron) driver enclosure

Maximum wiring distance*

Wire gauge	Load per driver	
	Osram	Lutron
#18AWG	18'	25'
#16AWG	29'	40'
#14AWG	47'	60'
#12AWG	75'	100'
#10AWG	120'	150'

* Voltage drop guide for 24VDC. Actual Voltage drop to be calculated by installer

