

# Rook® 350

3.5" Round Wall Mount

Direct/Indirect

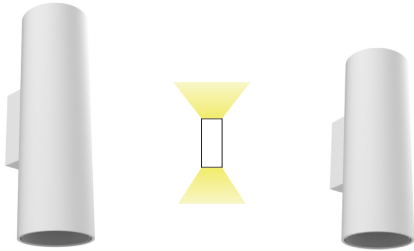
Dim-To-Warm



RK350 Round Wall Mount-DI-DTW

Wall Mount

Remote Wall Mount



See page 4 for other mounting options

## Features

The contemporary Rook 350 Direct/Indirect wall mount provides both direct and indirect illumination. Both the downlight and uplight have the same optical performance as our Hornet 3.5" Downlights. With only a 3.5" aperture the Rook 350 D/I can be used to add visual interest to walls or columns. The Rook 350 cylinder family is available as a pendant, surface or wall mount allowing it to fit in any retail, hospitality or commercial environment. Our Dim-To-Warm option allows designers to simulate the familiar glow and dimming of incandescent lamps. By shifting to a lower Kelvin temperature, as you dim the lights, Dim-To-Warm can tap into the powerful mediums of light and color to enhance the experience and well-being.

## Product Overview

Type:	Round Wall Mount, Direct/Indirect
Wattage (Down or Up):	13W
Lumen Output (Down or Up):	672 lm (RK350WR); 822 lm (RK350WRL)
Color Temp:	3000K to 1800K
CRI:	95 typ.
Dimming:	TRIAC 0-10V (120V/277V) - 5% Dim 0-10V (120V/277V) - 1% Dim

PRODUCT DISCONTINUED

PROJECT:

## Performance Chart - Direct or Indirect Output

Watts	Delivered Lumens	LPW	Color Temp
<b>RK350WR</b>			
13	672	51.7	3000K-95
<b>RK350WRL</b>			
13	822	63.2	3000K-95

## Electrical Data

	13W/13W	
	System Watts	Amps
120V	26	0.22
277V	26	0.09

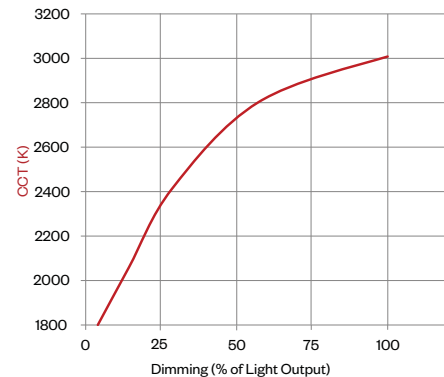
Electronic constant current LED driver

## Max. Fixture Weights

Model	Weight (lbs)
RK350WR(L)-DI	7.1
RK350WR(L)-DI-REMOTE	5.5

Remote driver & driver box are not included in weight

## Dim-To-Warm CCT Curve



# Rook® 350

3.5" Round Wall Mount, Direct/Indirect, Dim-To-Warm



**PROJECT:**

**TYPE:**

## Ordering Information

\_\_\_\_\_ . 13/13 . \_\_\_\_\_ . 120-277 . \_\_\_\_\_ / \_\_\_\_\_ . 309 . \_\_\_\_\_

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

### Open Unit

**1** Model  
**RK350WR-DI-DTW**  
**RK350WR-DI-DTW-REMOTE** (remote driver)

**2** Wattage (Direct/Indirect)  
Direct                      Indirect  
**13**                              **13**

**3** Housing Finish  
**MW** - matte white  
**MB** - matte black  
**SLV** - matte silver

**4** Circuiting  
**1** - single circuit  
**2** - direct/indirect switch separately

**5** Mounting (matches housing finish)  
**WM** - wall mount (no wall plate)  
**CWM** - wall mount with wall plate  
**CDWM** - wall mount conduit cover

**6** Voltage  
**120-277**

**7** Trim Finish  
**MW** - matte white  
**MB** - matte black  
**SLV** - matte silver

**8** Beam Spread (Direct/Indirect)  
Direct                              Indirect  
**VNF** - narrow flood, 18°      **VNF** - narrow flood, 18°  
**MFL** - medium flood, 24°      **MFL** - medium flood, 24°  
**FL** - flood, 28°                      **FL** - flood, 28°  
**WF** - wide flood, 45°              **WF** - wide flood, 45°

**9** Color Temp  
**95 CRI**  
**309** - 3000K-95

**10** Driver  
**LE/TE** - TRIAC/ELV dimming; 5% dim  
**0-10V** - 0-10V dimming; 1% dim

### Lensed Unit

**1** Model  
**RK350WRL-DI-DTW** (Lensed)  
**RK350WRL-DI-DTW-REMOTE** (Lensed, remote driver)

**2** Wattage (Direct/Indirect)  
Direct                              Indirect  
**13**                                      **13**

**3** Housing Finish  
**MW** - matte white  
**MB** - matte black  
**SLV** - matte silver

**4** Circuiting  
**1** - single circuit  
**2** - direct/indirect switch separately

**5** Mounting (matches housing finish)  
**WM** - wall mount (no wall plate)  
**CWM** - wall mount with wall plate  
**CDWM** - wall mount conduit cover

**6** Voltage  
**120-277**

**7** Trim Finish  
**MW** - matte white  
**MB** - matte black  
**SLV** - matte silver

**8** Beam Spread (Direct/Indirect)  
Direct                                      Indirect  
**30SOL** - 30° solite lens              **30SOL** - 30° solite lens  
**40SOL** - 40° solite lens              **40SOL** - 40° solite lens  
**65SOL** - 65° solite lens              **65SOL** - 65° solite lens

**9** Color Temp  
**95 CRI**  
**309** - 3000K-95

**10** Driver  
**LE/TE** - TRIAC/ELV dimming; 5% dim  
**0-10V** - 0-10V dimming; 1% dim

**Note: Fixture provided with separate wires for down and up. Can be wired in field as single or dual circuit.**

RK350 Round Wall Mount-DI-DTW

# Rook® 350

3.5" Round Wall Mount, Direct/Indirect, Dim-To-Warm



## PROJECT:

## TYPE:

### Specifications

#### Application

Commercial, hospitality and retail ambient/accent wall mounted fixtures

#### Construction

Extruded aluminum pendant housing  
Die-cast trim  
Extruded aluminum heat sink

#### Optical

**RK350WR-DI Beam Spreads:**  
Very Narrow Flood, 18°; Medium Flood, 24°; Flood, 35°;  
Wide Flood, 44°  
Linear Spread, 60° x 10°  
**RK350WRL-DI Beam Spreads:**  
**Solite Lens** for maximum efficacy and a visually quieter aperture. 30°, 40° & 65° beam spread options. Visually best with SLV reflector finish.

#### LED

**Color Temp Options:**  
3000K (Dims to 1800K)  
CRI: 95 typ. (± 3 across dimming range)  
R9 Values: 85  
Binning: 3 MacAdam (SDCM)  
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

#### Electrical

Wattage: 13W/13W (Direct/Indirect)  
Electronic constant current LED driver, 120V-277V input  
**This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge and over voltage damage is not covered under warranty.**  
**For emergency:** Remote EM inverter or emergency circuit by others.  
**Remote Driver Wiring:** Driver is supplied installed in remote driver box, (one driver per box), with 5' of low voltage plenum rated cable. Amerlux recommends a maximum of 15' between the fixture and the remote driver box. Consult factory with job specific electrical spec if more than 15' is required.  
**Note: Fixture provided with separate wires for direct and indirect. Can be wired in field as single or dual circuit.**

#### Drivers

LE/TE - Leading Edge, TRIAC, forward phase/Trailing Edge, ELV, reverse phase  
0-10V also available

#### Finish

Powder coat paint  
*Consult factory for custom finishes*

#### Mounting

Wall mounted, see options on pg 4

#### Certifications

CSA tested to UL standards  
Indoor use only  
Damp location

#### Warranty

5 year limited warranty

# Rook® 350

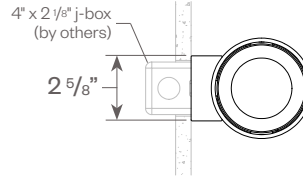
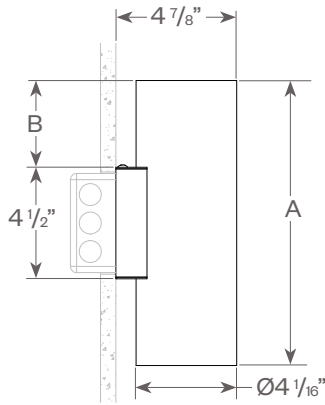
3.5" Round Wall Mount, Direct/Indirect, Dim-To-Warm



## PROJECT:

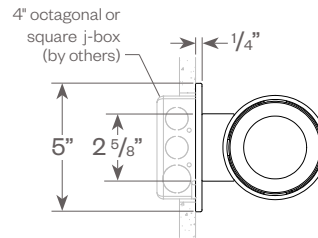
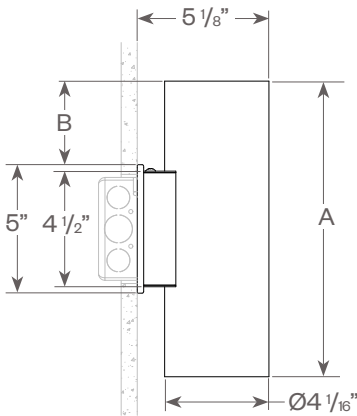
## TYPE:

### Wall Mount



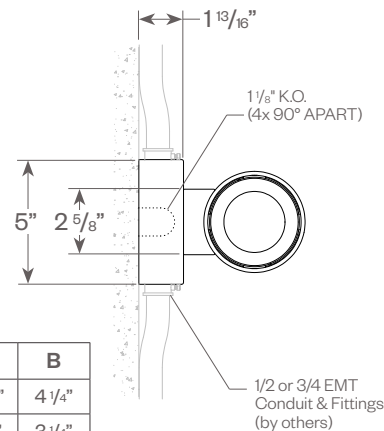
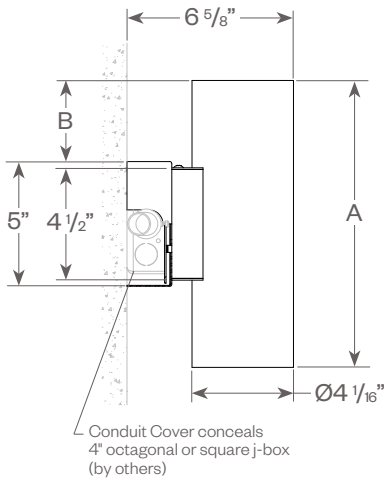
Fixture	A	B
RK350W(R/RL)-DU	13 1/2"	4 1/2"
RK350W(R/RL)-DU-REMOTE	11 1/2"	3 1/2"

### Wall Mount with Wall Plate



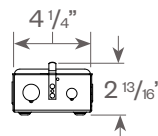
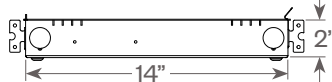
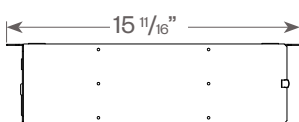
Fixture	A	B
RK350W(R/RL)-DU	13 1/2"	4 1/4"
RK350W(R/RL)-DU-REMOTE	11 1/2"	3 1/4"

### Wall Mount Conduit Cover



Fixture	A	B
RK350W(R/RL)-DU	13 1/2"	4 1/4"
RK350W(R/RL)-DU-REMOTE	11 1/2"	3 1/4"

### Remote Driver Box



Driver is supplied installed in remote driver box, (one driver per box), with 15' of low voltage plenum rated cable. Amerlux recommends a maximum of 15' between the fixture and the remote driver box. Consult factory with job specific electrical spec if more than 15' is required.

# Rook® 350

3.5" Round Wall Mount, Direct/Indirect, Dim-To-Warm



## PROJECT:

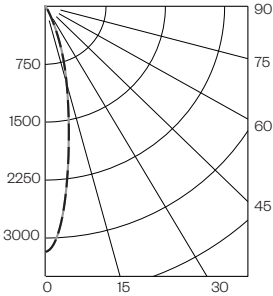
## TYPE:

### RK350WR

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

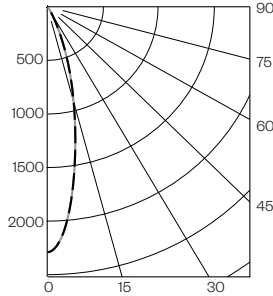
#### 13W LED, 3000K-95

**Very Narrow Flood (VNF)**  
Distribution, 18°  
LTL #11919582.12  
Lumens: 672



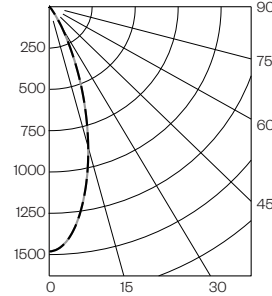
Candelas at Nadir	
Deg	Candela
0	3179
5	2638
15	1030
25	252
35	43
45	10

**Medium Flood (MFL)**  
Distribution, 25°  
LTL #11919582.13  
Lumens: 609



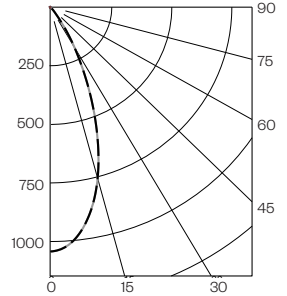
Candelas at Nadir	
Deg	Candela
0	2291
5	2024
15	942
25	267
35	50
45	11

**Flood (FL)**  
Distribution, 35°  
LTL # 11919582.14  
Lumens: 582



Candelas at Nadir	
Deg	Candela
0	1481
5	1395
15	882
25	331
35	63
45	13

**Wide Flood (WF)**  
Distribution, 45°  
LTL # 11919582.15  
Lumens: 540

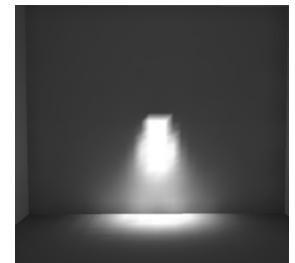
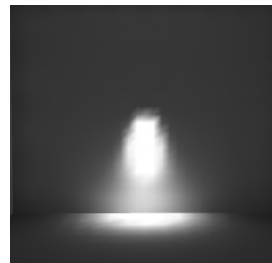
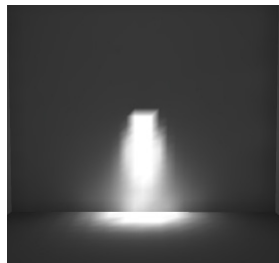
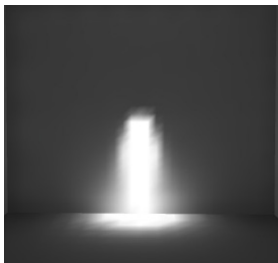


Candelas at Nadir	
Deg	Candela
0	1042
5	1007
15	751
25	359
35	85
45	15

#### Application Data:

RK350WR Mounted at 7' (to bottom of fixture) on wall  
Footcandles on wall

Very Narrow Flood									Medium Flood									Flood									Wide Flood												
Distance from fixture	0.5	0	0	1	51	52	0	0	0	Distance from fixture	0.5	0	0	0	50	54	0	0	0	Distance from fixture	0.5	0	0	1	60	49	0	0	0	Distance from fixture	0.5	0	0	1	50	62	0	0	0
	1.5	0	0	1	40	48	1	0	0		1.5	0	0	1	37	45	1	0	0		1.5	0	0	2	35	37	2	0	0		1.5	0	0	2	29	39	2	0	0
	2.5	0	0	2	17	20	2	0	0		2.5	0	0	2	14	16	2	0	0		2.5	0	0	2	12	13	2	0	0		2.5	0	0	2	9	10	3	0	0
	3.5	0	0	2	8	9	2	0	0		3.5	0	0	2	7	7	2	0	0		3.5	0	1	2	5	6	2	0	0		3.5	0	1	2	4	4	2	1	0
	4.5	0	1	2	5	5	2	1	0		4.5	0	1	2	4	4	2	1	1		4.5	0	1	2	3	3	2	1	0		4.5	0	1	2	3	3	2	1	0
	5.5	1	1	2	4	4	2	1	0		5.5	0	1	2	3	3	2	1	0		5.5	1	1	2	3	3	2	1	0		5.5	1	1	2	2	2	2	1	1
	6.5	1	1	2	4	4	2	1	1		6.5	0	1	2	3	3	2	1	0		6.5	1	1	2	2	2	2	1	1		6.5	0	1	1	1	1	1	1	1



# Rook® 350

3.5" Round Wall Mount, Direct/Indirect, Dim-To-Warm



**PROJECT:**

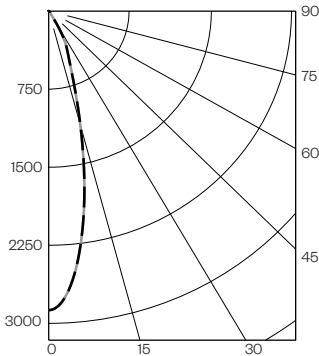
**TYPE:**

**RK350WRL**

**FIXTURE DATA:** (Complete photometric data (.ies format) available upon request)

**13W LED, 3000K-95**

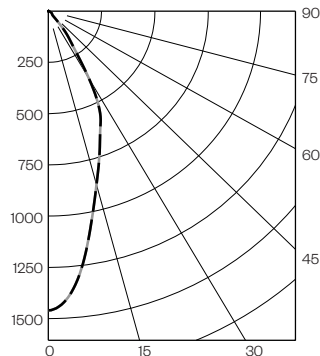
**30° Solite Lens**  
LTL # 11919582.24  
Lumens: 815



**Candelas at Nadir**

Deg	Candela
0	2874
5	2591
15	1168
25	411
35	41
45	18

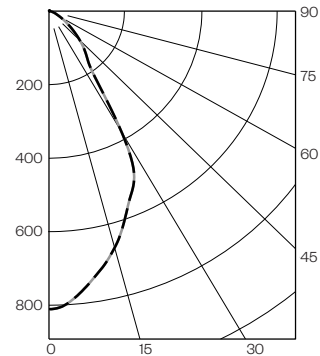
**40° Solite Lens**  
LTL # 11919582.25  
Lumens: 822



**Candelas at Nadir**

Deg	Candela
0	1460
5	1358
15	875
25	582
35	188
45	29

**65° Solite Lens**  
LTL # 11919582.26  
Lumens: 818



**Candelas at Nadir**

Deg	Candela
0	811
5	783
15	667
25	526
35	195
45	118

**Application Data:**

RK350WRL Mounted at 7' (to bottom of fixture) on wall  
Footcandles on wall

**30SOL**

Distance from fixture	30° Solite Lens							
	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5
0.5	0	0	1	69	71	1	0	0
1.5	0	0	2	47	56	2	0	0
2.5	0	0	3	18	21	3	0	0
3.5	0	1	3	9	9	3	1	0
4.5	0	1	2	5	6	3	1	0
5.5	1	1	3	4	4	3	1	1
6.5	1	1	3	4	4	3	1	1



**40SOL**

Distance from fixture	40° Solite Lens							
	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5
0.5	0	0	1	84	95	1	0	0
1.5	0	0	4	41	52	4	0	0
2.5	0	1	3	12	13	4	1	0
3.5	0	1	3	5	5	3	1	0
4.5	1	1	2	3	3	2	1	1
5.5	1	1	2	3	3	2	1	1
6.5	1	1	2	2	2	2	1	1



**65SOL**

Distance from fixture	65° Solite Lens							
	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5
0.5	0	0	3	108	95	2	0	0
1.5	0	1	4	31	33	4	1	0
2.5	0	1	3	9	9	3	1	0
3.5	1	1	2	4	4	2	1	1
4.5	1	1	2	2	2	2	1	1
5.5	1	1	2	2	2	2	1	1
6.5	1	1	1	2	2	1	1	1



# Rook® 350

3.5" Round Wall Mount, Direct/Indirect, Dim-To-Warm



## PROJECT:

## TYPE:

### DIMMING COMPATIBILITY:

Amerlux® Rook fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

**--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---**

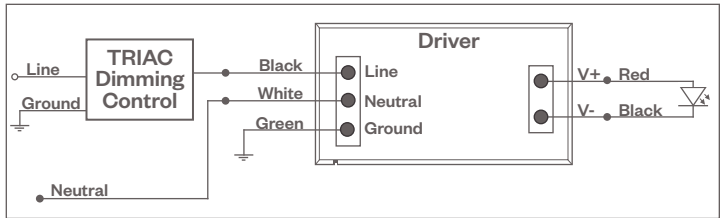
### TRIAC (Forward Phase) DIMMING (Standard)

Utilizes standard TRIAC dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

#### Notes:

- 120VAC or 277VAC\*
- Dims down to 5% light output (most cases)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

TRIAC Wiring Diagram



#### Compatible Dimmers†:

Wall Box (TRIAC 120VAC)	Central System
Lutron "Diva"	Lutron "GP" Panel
Lutron "Nova-T"	Lutron Grafik Eye QS
Lutron "Maestro"	
Lutron "Vareo"	
Lutron "Skylark"	

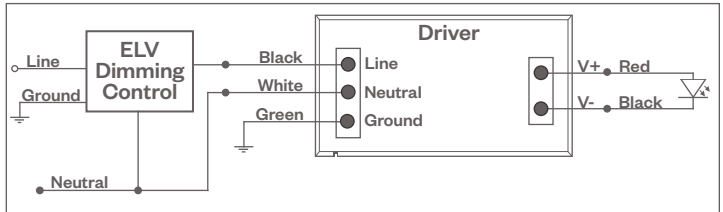
### ELV - Electronic Low Voltage (Reverse Phase) DIMMING (Standard)

Utilizes specialized "ELV" dimmers.

#### Notes:

- 120VAC or 277VAC\*
- Dims down to 5% light output (most cases)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements

ELV Wiring Diagram



#### Compatible Dimmers†:

Wall Box (ELV 120VAC)	Wall Box (ELV 277VAC)	Central System
Lutron "Diva"	Leviton Revoir II AWSMT-E	Lutron "GP" Panel with PHPM-PA 120/277VAC
Lutron "Nova-T"		Lutron Grafik Eye QS with PHPM-PA 120/277VAC
Lutron "Maestro"		
Lutron "Vareo"		
Lutron "Skylark"		
Leviton "Surslide"		
Leviton "Vizio"		

#### Notes:

- \* Driver is 277VAC dimmable with appropriate dimmer (by others). All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer manufacturer installation instructions for 277VAC wiring diagrams.
- † The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.

# Rook® 350

3.5" Round Wall Mount, Direct/Indirect, Dim-To-Warm



## PROJECT:

## TYPE:

### DIMMING COMPATIBILITY:

Amerlux® Rook fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

**--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---**

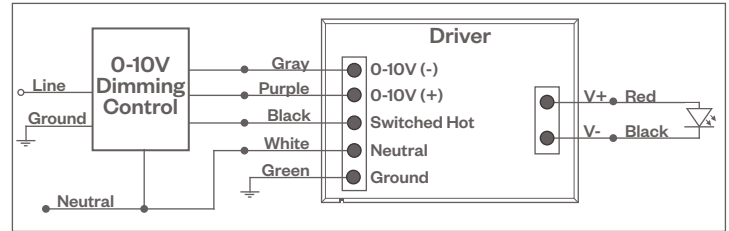
### 0-10V - DIMMING (-0-10V Option)

Integrates into a variety of building management and daylighting controls

#### Notes:

- 120V or 277V\*
- Dims down to 1% light output
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

0-10V Wiring Diagram



#### Compatible Dimmers\*:

##### Wall Box

Lutron "Diva" - DTVV with PP-120H Interface

Leviton Renoir II 0-10V

##### Central System

Lutron Grafik Eye with GRX-TVI Interface

#### Notes:

- \* Driver is 277VAC dimmable with appropriate dimmer (by others). All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer manufacturer installation instructions for 277VAC wiring diagrams.
- † The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.