

Hornet® HP

Recessed Multiples

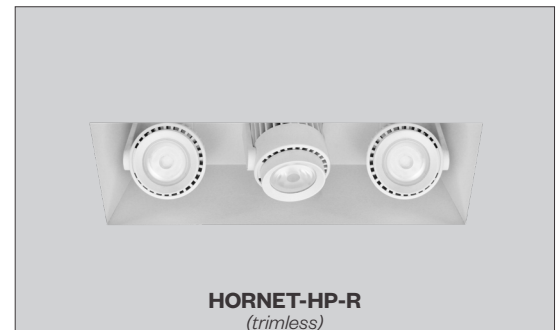
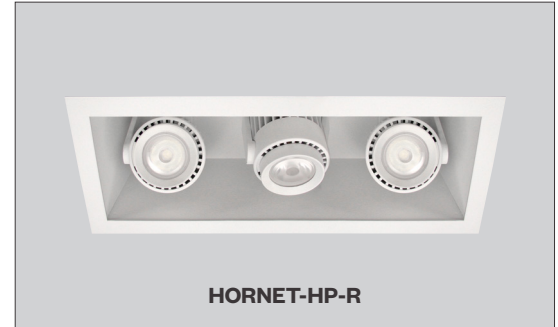


PROJECT:

TYPE:

Features

Hornet High Power (HP) Multiples perform beautifully, punching through higher ambient light with strong output making them perfect for retail applications. For a clean ceiling aesthetic or when track is not an option, Hornet HP Multiples are ideal for delivering great performance, energy efficiency, and maximum control over where and how you want to place light.



Product Overview

Type: Recessed Multiple, Accent & Display
 Wattage: 11W, 16W, 18W
 Color Temp: 2200K, 2700K, 3000K, 3500K, 4000K
 CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
 90+ typ. (2200K, 2700K, 3000K, 3500K, 4000K)
 CrispWhite & 3K Class A LEDs available (16W max)
 Dimming: TRIAC & ELV, 5% Dim, 120/277VAC
 Lutron LDE1 Hi-lume® 1% Dim Soft-On/Fade-to-Black, 120/277VAC
 0-10V, 1% Dim, 120/277VAC
 DALI, 1% Dim, 120/277VAC

Certifications



Fixture Summary

Fixture Type

# of Heads	New Construction	Remodeler	Trim	Trimless
1	Yes	No	Yes	Yes
2	Yes	No	Yes	Yes
3	Yes	No	Yes	Yes
4	Yes	No	Yes	Yes

See separate spec sheet for Semi-Recessed or Remodeler versions.

Performance Data

Watts	Delivered Lumens	LPW	CBCP	Color Temp-CRI
11	1030	93.7	8,243	3000K-83
16	1451	90.7	11,610	3000K-83
18	1640	91.1	13,119	3000K-83

Data is based on 3000K-83, 120V IES files available on website.

Data is "per head" and based on Spot optic.

See page 10 for other beam spreads.

Hornet® HP

Recessed Multiples



PROJECT:

TYPE:

Ordering Information - Frame

HORNET-HP-R/SR-NC-FRAME

1

2

3

4

5

6

1 Model	2 Style	3 # of Heads	4 Voltage
HORNET-HP-R/SR-NC-FRAME (new construction)	T trimmed	1	120
	TL trimless	2	277
		3	
		4	

5 Driver (for non-dimming select LE/TE option)	6 Options/Accessories
LE/TE TRIAC/ELV dimming, 5% dim HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black 0-10V 0-10V dimming, 1% dim DALI EldoLED, 1% dim	EM* emergency battery pack, available on 2, 3 or 4 light - powers only 1 head of the total fixture * If this option is selected, you must also select EM option in the Trim Ordering section. HB49 - hanger bars from min 29" to max 49" Note: 14 1/2" - 25" hanger bars are included as standard. Choose HB49 option above for larger mounting spaces only.

Ordering Information - Trim

HORNET-HP-R-NC-TRIM 120-277

1

2

3

4

5

6

7

8

9

10

1 Model	2 Style	3 # of Heads	4 Wattage	5 Finish (for housing, head & trim)
HORNET-HP-R-NC-TRIM (new construction)	T trimmed	1	11	WT white texture
	TL trimless	2	16	BT black texture
		3	18	ST silver texture
		4		Other finishes, consult factory

6 Voltage	7 Beam Spread	8 Options
120-277	1LT 2LT 3LT 4LT	83 CRI 90+ CRI
	SP SP SP SP (spot 15°)	27 2700K-83 229* 2200K-90+ CRISP* CrispWhite
	NF NF NF NF (narrow flood 22°)	30 3000K-83 279 2700K-90+ 3CLA* 3000K Class A
	MFL MFL MFL MFL (medium flood 25°)	35 3500K-83 309 3000K-90+
	FL FL FL FL (flood 28°)	40 4000K-83 359 3500K-90+
	WF WF WF WF (wide flood 40°)	409 4000K-90+
	VWF VWF VWF VWF (very wide flood 60°)	* Not available for 18W.
	LS LS LS LS (linear spread 60°x10°)	

9 Driver (for non-dimming select LE/TE option)	10 Options
LE/TE TRIAC/ELV dimming, 5% dim HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black 0-10V 0-10V dimming; 1% dim DALI EldoLED; 1% dim	SNAH snoot accessory holder, 1" length, matte black interior, exterior finish matches fixture finish, accepts cross blade plus 2 additional forms of media AH accessory holder, finish matches fixture finish, accepts 2 forms of media HEX hexocell louver, 1/8"x1/8" (requires SNAH or AH) SOL solite beam softening lens (requires SNAH or AH) CB cross blade, matte black finish (requires SNAH) EM* emergency battery pack, available on 2, 3 or 4 light - powers only 1 head of the total fixture * If this option is selected, you must also select EM option in the Frame Ordering section.

Hornet® HP

Recessed Multiples



PROJECT:

TYPE:

Specifications

Application

Retail, commercial and hospitality accent and display lighting

Construction

Stamped steel mounting frame with integral mounting bars
Thermally protected (*adds 2W to total fixture wattage*)
Steel driver housing
Steel upper housing and laser cut trim ring
Steel plaster frame (*trimless only*)
Complete die-cast optical head construction
No exposed wiring

Optical

Tilt: 0-35°x35° (*Trimmed*), 0-20°x40° (*Trimless*)
Rotation: 360°+
Beam Spreads: Spot, 15°; Narrow Flood, 22°; Medium Flood, 25°;
Flood, 28°; Wide Flood, 40°; Very Wide Flood, 60°;
Linear Spread, 60° x 10°

LED

Color Temp Options: 2200K, 2700K, 3000K, 3500K, 4000K,
CRISP, Class A

CRI: 83 typ. (*2700K, 3000K, 3500K, 4000K*)
90+ typ. (*2200K, 2700K, 3000K, 3500K, 4000K*)
CrispWhite* LED (*16W max*)

Class A** 3000K LED (*high CRI, high gamut, 16W max*)

R9 Values: 11 (*83 CRI*), 55 (*90+ CRI*)

Binning: 3-step MacAdam ellipse (*SDCM*)

Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

* *CrispWhite: CrispWhite Technology delivers the warmth of colors expected from a high 90 CRI solution but also creates the natural crisp white color that is pleasing to the eye. It creates the most impactful lighting ever available, by revealing the richest whites and vibrant colors that pop.*

** *Class A LED: Class A LED's have a CRI > 80 and a GAI > 80. CRI defines color "Naturalness" and GAI defines color "Saturation." Both being high delivers rich colors and pure whites.*

Electrical

Wattage: 11W, 16W, 18W

Electronic constant current LED driver, 120/277VAC 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.

Drivers

LE/TE - Leading Edge (*Triac, Forward Phase*) or Trailing Edge (*ELV, Reverse Phase*) autosensing driver dims down to 5% on most dimming systems.
0-10V, Lutron and DALI systems also available
See pages 11-13 for more dimming information

Finish

Powder coat paint
Consult Factory for custom finishes

Mounting

Hanger Bars:

Adjustable hanger bars included (*14 1/2" - 25" std.*)
Optional **HB49** - hanger bars from min 29" to max 49" available

Trimmed:

For use in T-Grid or GB ceilings; max ceiling thickness 1"

Trimless:

For use in GB ceilings; max ceiling thickness 5/8"

Consult Factory for thicker ceilings

Certifications

CSA listed to UL standards. Suitable for damp locations
Indoor use only

Warranty

5 year limited warranty

Emergency Battery Pack (EM)

Powers single head of 2, 3 or 4 light multiple at 5.1 watts (*approx. 400 Lm*) for 90 minutes. Not available on 1 light multiple.

Hornet® HP

Recessed Multiples



PROJECT:	TYPE:
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Electrical Data

NOTE: System Watts includes an additional 2W for thermal protector power consumption.

1 Light

	1 x 11W		1 x 16W		1 x 18W	
Voltage	System Watts	Amps	SystemWatts	Amps	System Watts	Amps
120V	11	0.09	16	0.13	18	0.15
277V	11	0.04	16	0.06	18	0.07

Electronic constant current LED driver.

2 Light

	2 x 11W		2 x 16W		2 x 18W	
Voltage	System Watts	Amps	SystemWatts	Amps	System Watts	Amps
120V	22	0.18	32	0.27	36	0.30
277V	22	0.08	32	0.12	36	0.13

Electronic constant current LED driver.

3 Light

	3 x 11W		3 x 16W		3 x 18W	
Voltage	System Watts	Amps	SystemWatts	Amps	System Watts	Amps
120V	33	0.28	48	0.40	54	0.45
277V	33	0.12	48	0.17	54	0.19

Electronic constant current LED driver.

4 Light

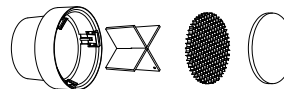
	4 x 11W		4 x 16W		4 x 18W	
Voltage	System Watts	Amps	SystemWatts	Amps	System Watts	Amps
120V	44	0.37	64	0.53	72	0.60
277V	44	0.16	64	0.23	72	0.26

Electronic constant current LED driver.

Accessories (diagrams show installation order)



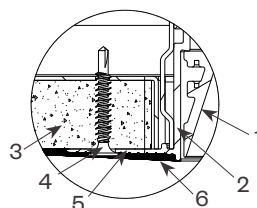
Accessory holder, hexcell louver, solite lens



Snoot accessory holder, cross blade, hexcell louver, solite lens

Plaster Frame Installation Detail (for trimless fixture only)

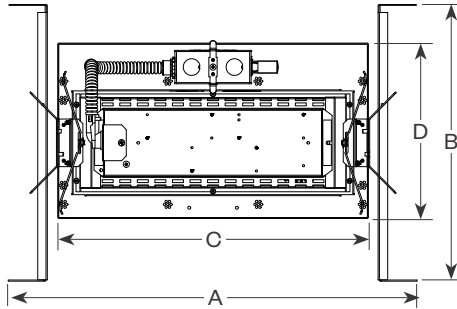
1. Recessed extruded housing
2. Aperture plate
3. Ceiling 5/8"
4. Drywall screw (by others)
5. Plaster frame
6. Plaster skim coat (by others)



PROJECT:

TYPE:

Product Details - Recessed Trimmed with ELV/TRIAC Driver

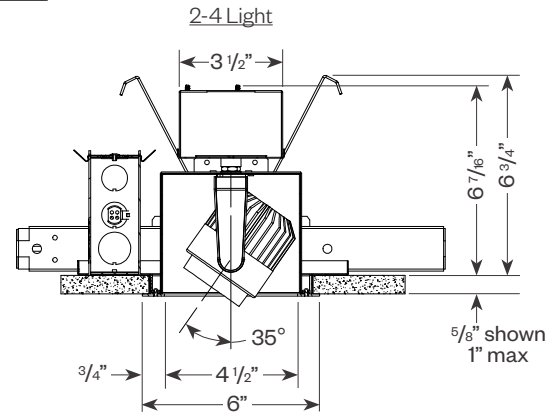
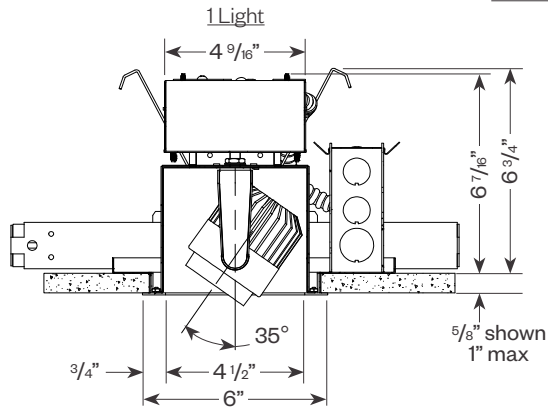


	1 Light	2 Light	3 Light	4 Light
A	12 1/8"	17"	21 1/2"	26"
B	14 1/2"	14 1/2"	14 1/2"	14 1/2"
	max 25"	max 25"	max 25"	max 25"
C	7 1/16"	11 13/16"	16 5/16"	20 13/16"
D	9 1/8"	9 1/8"	9 1/8"	9 1/8"

Ceiling Cut Out: 1 Light - 5 9/16" x 5 9/16"
 2 Light - 5 9/16" x 10 5/16"
 3 Light - 5 9/16" x 14 13/16"
 4 Light - 5 9/16" x 19 5/16"

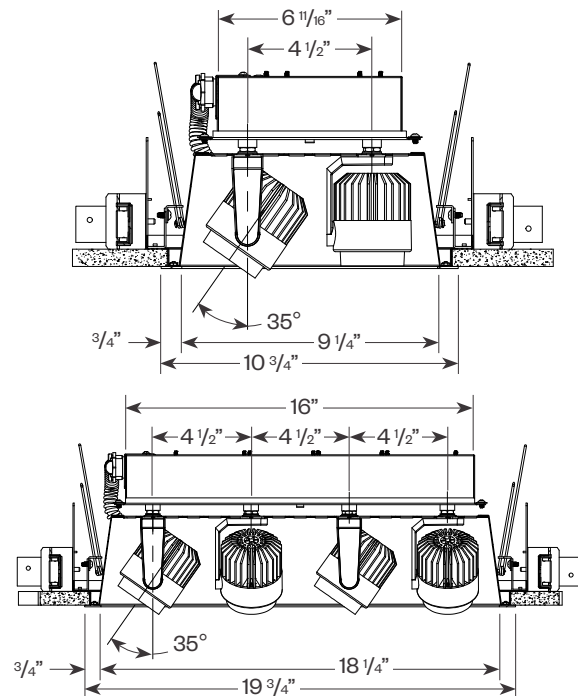
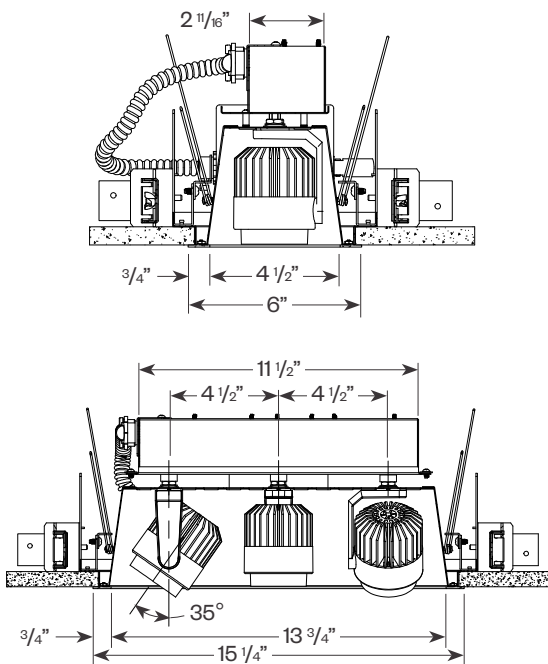
End View

Standard Driver (ELV/TRIAC)



Side View

Standard Driver (ELV/TRIAC)



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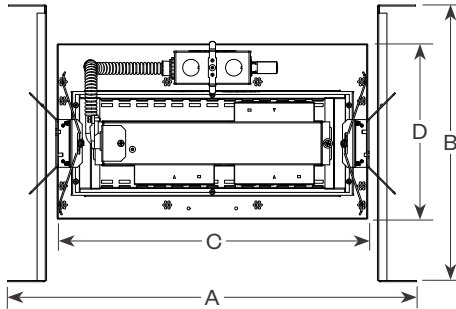
Recessed Multiples



PROJECT:

TYPE:

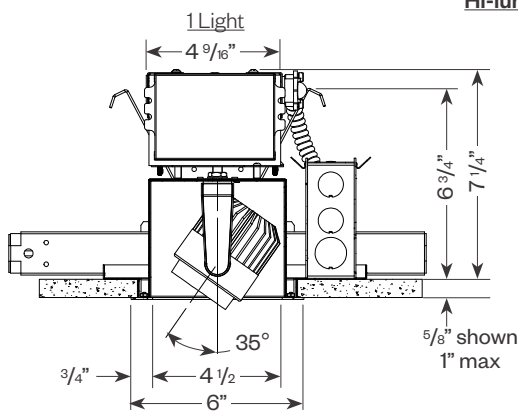
Product Details - Recessed Trimmed with Hi-lume®/0-10V/DALI Driver



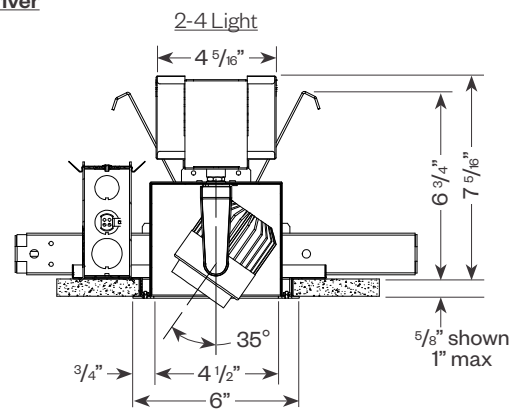
	1 Light	2 Light	3 Light	4 Light
A	12 1/8"	17"	21 1/2"	26"
B	14 1/2" max 25"	14 1/2" max 25"	14 1/2" max 25"	14 1/2" max 25"
C	7 1/8"	11 13/16"	16 5/16"	20 13/16"
D	9 1/8"	9 1/8"	9 1/8"	9 1/8"

Ceiling Cut Out: 1 Light - 5 9/16" x 5 9/16"
 2 Light - 5 9/16" x 10 5/16"
 3 Light - 5 9/16" x 14 13/16"
 4 Light - 5 9/16" x 19 5/16"

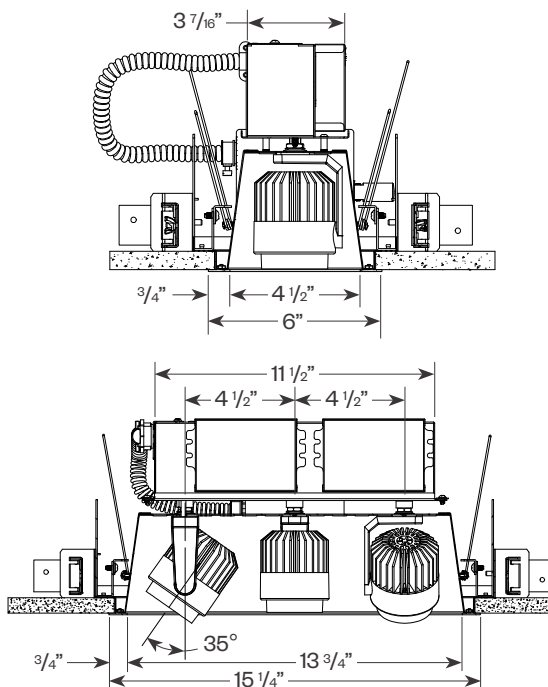
End View



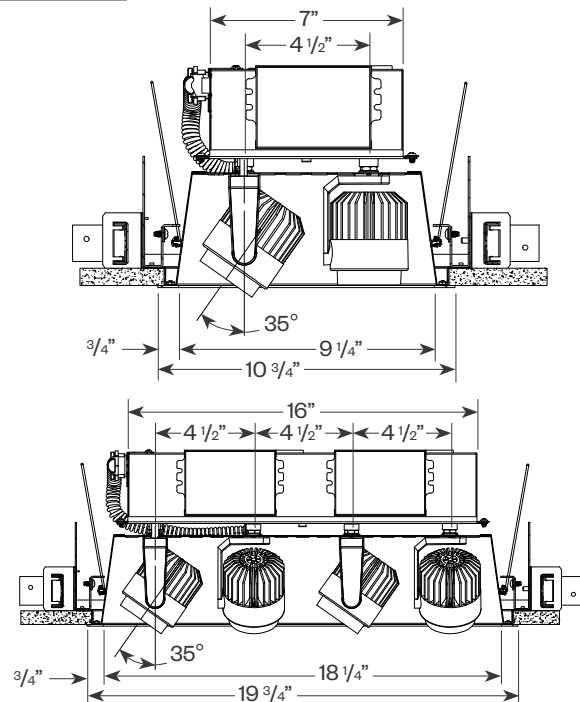
Hi-lume®/0-10V/DALI Driver



Side View



Hi-lume®/0-10V/DALI Driver



Hornet® HP

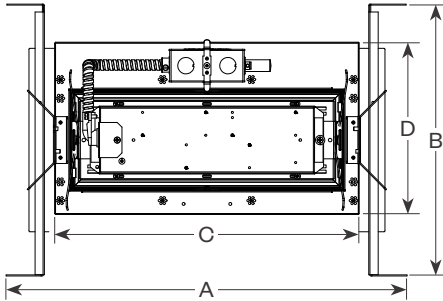
Recessed Multiples



PROJECT:

TYPE:

Product Details - Recessed Trimless with ELV/TRIAC Driver

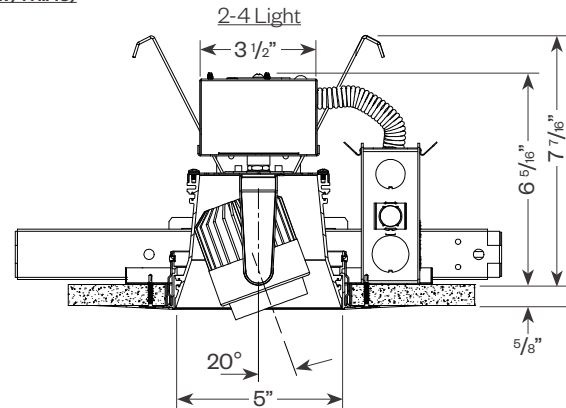
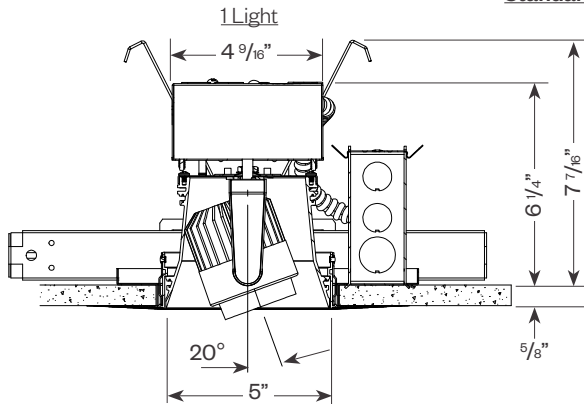


	1 Light	2 Light	3 Light	4 Light
A	12 1/8"	17"	21 1/2"	26"
B	14 1/2"	14 1/2"	14 1/2"	14 1/2"
	max 25"	max 25"	max 25"	max 25"
C	7 1/16"	11 13/16"	16 5/16"	20 13/16"
D	9 1/8"	9 1/8"	9 1/8"	9 1/8"

Ceiling Cut Out: 1 Light - 5 9/16" x 5 9/16"
 2 Light - 5 9/16" x 10 5/16"
 3 Light - 5 9/16" x 14 13/16"
 4 Light - 5 9/16" x 19 5/16"

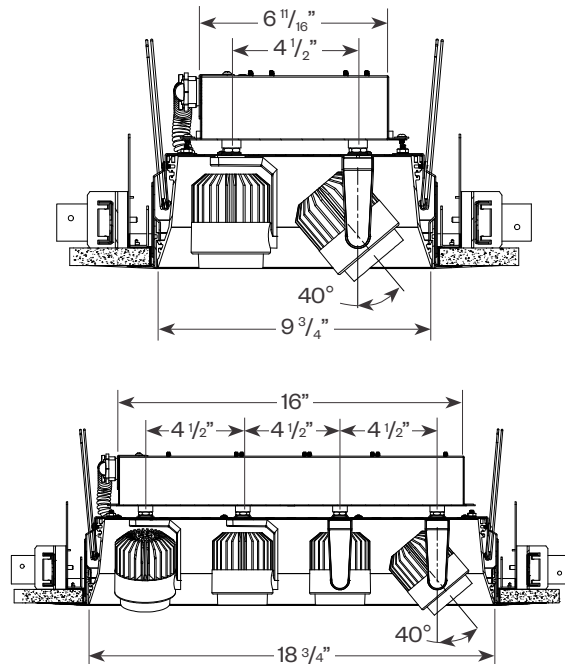
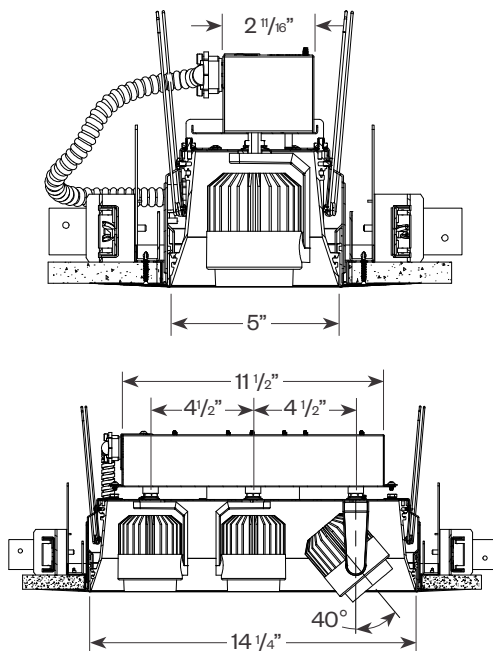
End View

Standard Driver (ELV/TRIAC)



Side View

Standard Driver (ELV/TRIAC)



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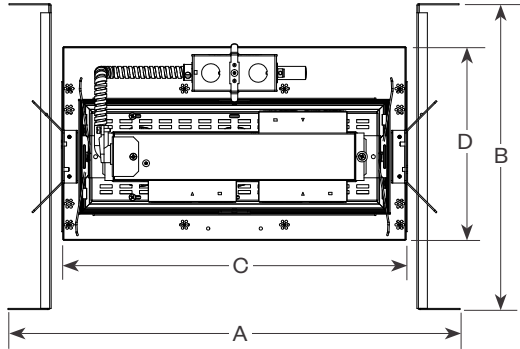
Recessed Multiples



PROJECT:

TYPE:

Product Details - Recessed Trimless with Hi-lume®/0-10V/DALI Driver (see trimless detail on page 4)

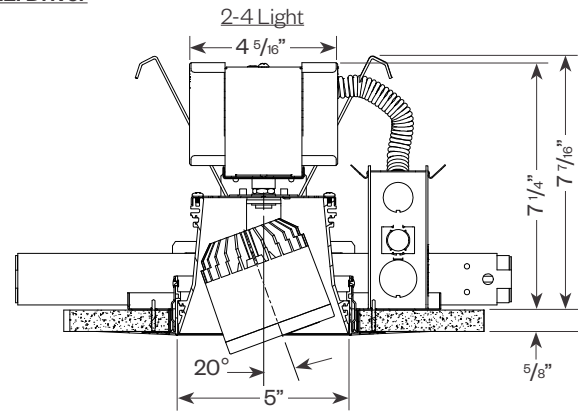
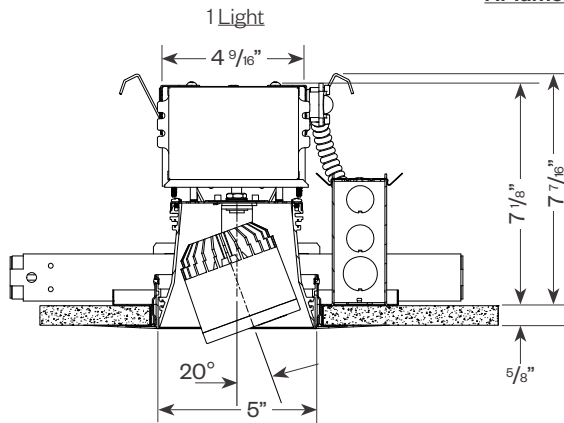


	1 Light	2 Light	3 Light	4 Light
A	12 1/8"	17"	21 1/2"	26"
B	14 1/2"	14 1/2"	14 1/2"	14 1/2"
	max 25"	max 25"	max 25"	max 25"
C	7 1/16"	11 13/16"	16 5/16"	20 13/16"
D	9 1/8"	9 1/8"	9 1/8"	9 1/8"

Ceiling Cut Out: 1 Light - 5 9/16" x 5 9/16"
 2 Light - 5 9/16" x 10 5/16"
 3 Light - 5 9/16" x 14 13/16"
 4 Light - 5 9/16" x 19 5/16"

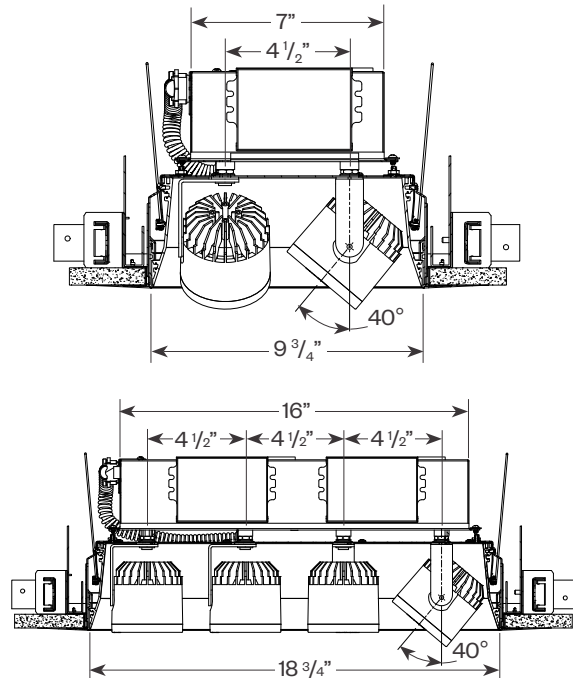
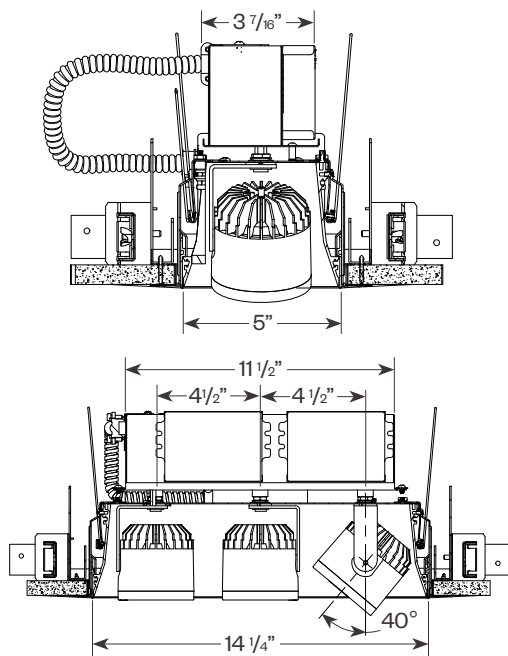
End View

Hi-lume®/0-10V/DALI Driver



Side View

Hi-lume®/0-10V/DALI Driver



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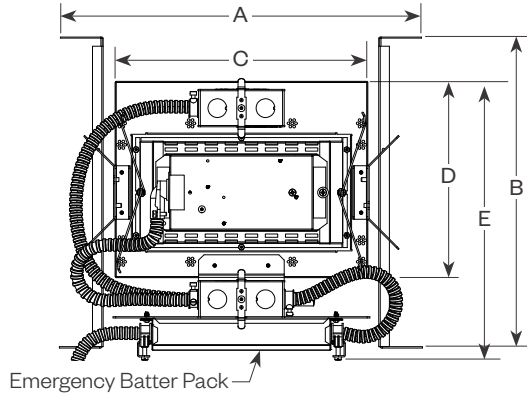
Recessed Multiples



PROJECT:

TYPE:

Product Details - Emergency Battery Pack (2-4 light only)



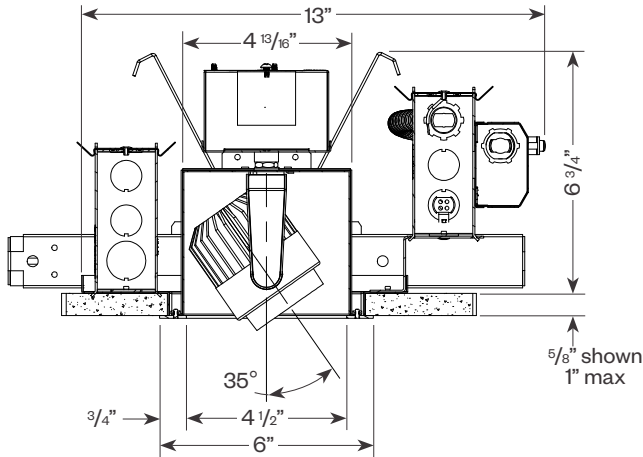
	2 Light	3 Light	4 Light
A	17"	21 1/2"	26"
B	14 1/2" max 25"	14 1/2" max 25"	14 1/2" max 25"
C	11 13/16"	16 5/16"	20 13/16"
D	9 1/8"	9 1/8"	9 1/8"
E	13"	13"	13"

Ceiling Cut Out: 2 Light - 5 9/16" x 10 5/16"
 3 Light - 5 9/16" x 14 13/16"
 4 Light - 5 9/16" x 19 5/16"

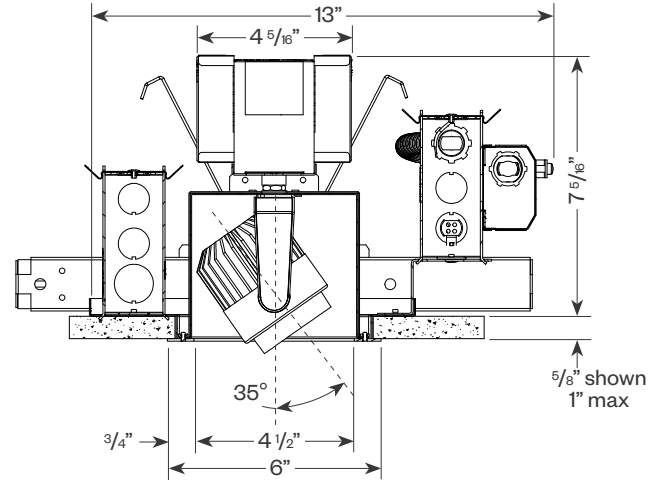
End View

Trimmed

Standard Driver (ELV/TRIAC)
2-4 Light

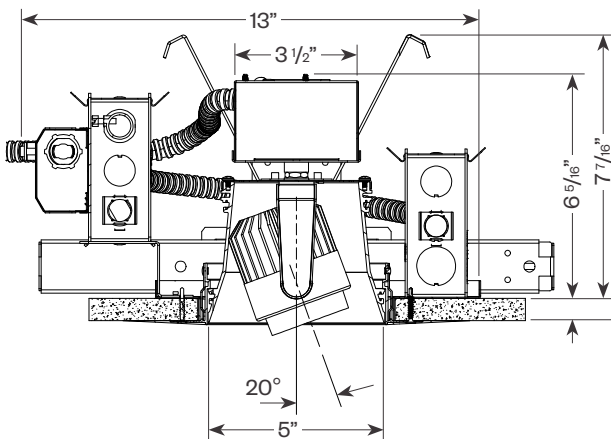


Hi-lume®/0-10V/DALI Driver
2-4 Light

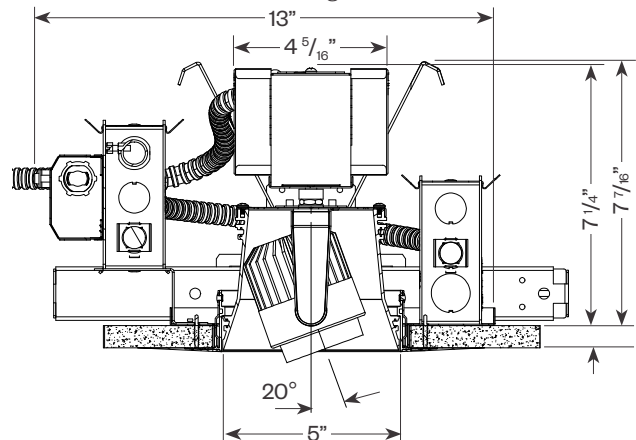


Trimless

Standard Driver (ELV/TRIAC)
2-4 Light



Hi-lume®/0-10V/DALI Driver
2-4 Light



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Recessed Multiples



PROJECT:

TYPE:

Performance Data (per head)

Multiplying Factors: (Multiplying Factor is based on 3000K-83 120V IES file on website)

CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.96	1.0	1.02	1.04

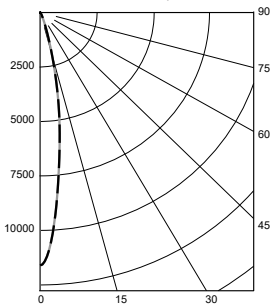
Wattage:	11W	16W	18W
Factor:	0.71	1.0	1.13

CCT:	2200K-90+*	2700K-90+	3000K-90+	3500K-90+	4000K-90+	CRISP*	3CLA*
Factor:	0.71	0.80	0.83	0.87	0.90	0.65	0.70

* Not available for use with 18W

16W LED, 3000K-83

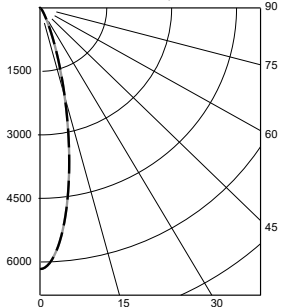
Spot (SP) Distribution, 15°
LTL #14346087.01
Lumens: 1,451



Candelas at Nadir

Deg	Candela
0	11610
5	8378
15	1825
25	257
35	86
45	31

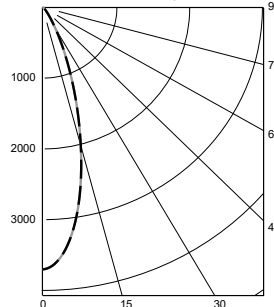
Narrow Flood (NF) Distribution, 22°
LTL #14346087.02
Lumens: 1,390



Candelas at Nadir

Deg	Candela
0	6167
5	5391
15	2012
25	426
35	119
45	52

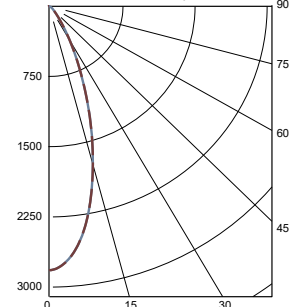
Flood (FL) Distribution, 28°
LTL #14346087.04
Lumens: 1,370



Candelas at Nadir

Deg	Candela
0	3703
5	3440
15	1925
25	651
35	179
45	67

Wide Flood (WF) Distribution, 40°
LTL #14346087.05
Lumens: 1,374



Candelas at Nadir

Deg	Candela
0	2820
5	2674
15	1750
25	763
35	248
45	86

Application Data (per head)

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

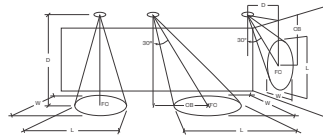
D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).

W=Effective Visual Beam width in feet (50% of maximum footcandle level).

CB=Distance across or down to center beam location.



	0° Aiming Angle Horizontal Footcandles				30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles					60° Aiming Angle Vertical Footcandles				
	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
Spot	5.0'	463	1.4	1.4	5.0'	213	2.3	2.2	3.0	3.0'	135	3.4	2.2	5.0	3.0'	403	1.8	1.6	2.0
	7.5'	206	2.1	2.1	7.5'	110	3.3	2.9	4.0	4.0'	87	4.2	2.6	6.0	4.0'	295	2.1	1.8	2.0
	10.0'	116	2.9	2.9	10.0'	64	4.3	3.7	5.0	5.0'	58	5.2	3.2	8.0	5.0'	205	2.5	2.2	3.0
	12.5'	74	3.6	3.6	12.5'	44	5.1	4.5	7.0	6.0'	42	6.2	3.6	9.0	6.0'	152	2.8	2.5	3.0
Narrow Flood	5.0'	247	1.9	1.9	5.0'	133	2.9	2.7	3.0	3.0'	97	3.7	2.4	4.0	3.0'	280	2.1	1.8	2.0
	7.5'	110	3.0	3.0	7.5'	67	4.0	3.6	4.0	4.0'	57	4.8	3.1	5.0	4.0'	201	2.4	2.2	2.0
	10.0'	62	3.9	3.9	10.0'	40	5.2	4.6	5.0	5.0'	39	5.7	3.6	7.0	5.0'	131	3.0	2.7	3.0
	12.5'	40	5.0	5.0	12.5'	26	6.4	5.7	6.0	6.0'	28	6.9	4.3	8.0	6.0'	99	3.4	3.0	3.0
Flood	5.0'	168	2.5	2.5	5.0'	86	3.6	3.2	2.0	3.0'	70	3.9	2.9	4.0	3.0'	194	2.4	2.2	2.0
	7.5'	72	3.7	3.7	7.5'	42	5.0	4.6	4.0	4.0'	43	5.1	3.5	5.0	4.0'	138	2.8	2.7	2.0
	10.0'	40	5.0	5.0	10.0'	25	6.5	5.9	5.0	5.0'	28	6.2	4.4	6.0	5.0'	87	3.6	3.2	2.0
	12.5'	25	6.3	6.3	12.5'	16	8.2	7.4	6.0	6.0'	20	7.5	5.2	7.0	6.0'	65	4.0	3.7	3.0
Wide Flood	5.0'	113	3.0	3.0	5.0'	71	3.9	3.5	2.0	3.0'	60	4.1	3.1	3.0	3.0'	156	2.7	2.5	2.0
	7.5'	50	4.5	4.5	7.5'	34	5.5	5.1	3.0	4.0'	36	5.3	3.9	4.0	4.0'	110	3.1	3.0	2.0
	10.0'	28	6.0	6.0	10.0'	19	7.4	6.8	5.0	5.0'	24	6.4	4.8	5.0	5.0'	72	3.9	3.5	2.0
	12.5'	18	7.5	7.5	12.5'	13	9.1	8.4	6.0	6.0'	17	7.7	5.7	7.0	6.0'	52	4.5	4.2	3.0

PROJECT:

TYPE:

Dimming Compatibility

Amerlux® Hornet® 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 ---

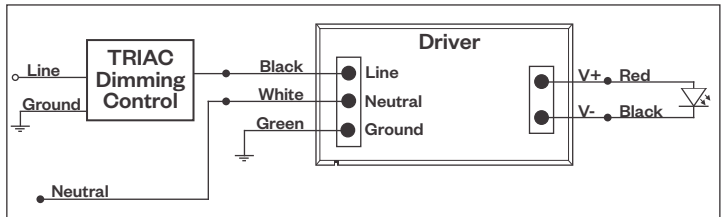
TRIAC (Forward Phase) Dimming

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 "Skylark"	

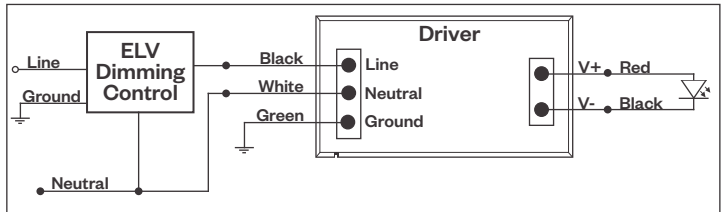
ELV - Electronic Low Voltage (Reverse Phase) Dimming

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 per dimming manufacturer

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 "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 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.

PROJECT:

TYPE:

Dimming Compatibility *(continued)*

Amerlux® Hornet® 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 ---

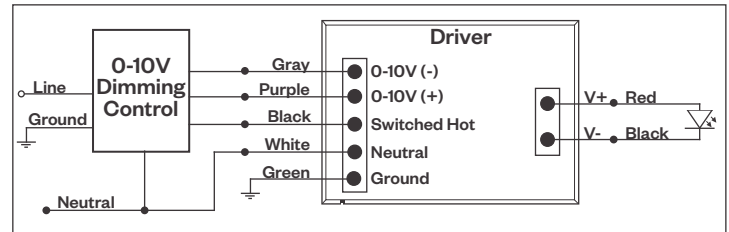
0-10V Dimming

Integrates into a variety of building management and daylighting controls

Notes:

- 120VAC or 277VAC*
- 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

Central System

Lutron "Diva" - DVSTV	Leviton Renoir II 0-10V	Lutron Grafik Eye with GRX-TVI Interface
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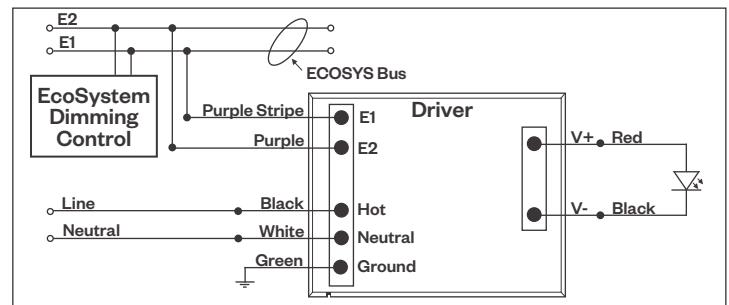
Lutron LDE1 Dimming

Integrates into Lutron EcoSystem building management

Notes:

- 120VAC or 277VAC*
- Dims down to 1% Soft-On/Fade-to-Black
- EcoSystem Control
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**

LDE1 (HILUME-H-ECO) EcoSystem Digital Control Wiring Diagram



Compatible Dimmers*:

Lutron ECO System

Central System

Pow Pak Dimming Modules	Lutron EcoSystem compatible controls
Energi Savr Node	
Grafik Eye QS/Homeworks	
QS Control Unit	
Quantum Hub	
Homeworks QS/My Room	

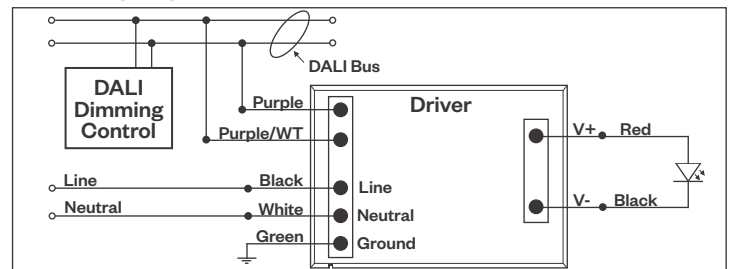
DALI Dimming

Digital control protocol allows individual fixture control

Notes:

- 120VAC - 277VAC*
- Dims down to 1% light output in most cases

DALI Wiring Diagram



Compatible Dimmers*:

Wall Box (3-Wire Fluorescent)

Central System

Leviton CD250 Controller	Dynalite
	Fifth Light

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 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.

PROJECT:

TYPE:

Emergency Battery Pack

Wiring Diagram

